MWH Laboratories, "Results from Laboratory Testing of Groundwater Available from the Alluvial Aquifer for Valencia Water Company Wells Expected to Serve the Specific Plan Site" (Varied)

Valencia Water Company
California Department of Health Services Drinking Water Standards, Title 22
Wells E-14, E-15, E-16, E-17

Primary Standards:
Inorganic Chemicals

Parameter	MCL	DLR	Units	E-14	E-15	E-16	E-17
Aluminum	1000	50	µg/l	ND	ND	ND	ND
Antimony	6	6	µg/l	ND	ND	ND	ND
Arsenic	50	2	µg/l	ND	ND	ND	ND
Barium	1000	100	µg/l	ND	ND	ND	ND
Beryllium	4	1	µg/l	ND	ND	ND	ND
Cadmium	5	1	µg/l	ND	ND	ND	ND
Chromium (Total)	50	10	µg/l	ND	ND	ND	ND
Fluoride	2	0.1	mg/L	0.89	0.9	0.89	0.83
Lead	50	5	µg/l	ND	ND	ND	ND
Mercury	2	1	µg/l	ND	ND	ND	ND
Nickel	100	10	µg/l	ND	ND	ND	ND
Nitrate (as NO3)	45	2	mg/L	11	14.2	16.8	16.8
Nitrite (as N)	1000	400	µg/l	ND	ND	ND	ND
Nitrate + Nitrite (as N)	10000	400	µg/l	2500	3200	3800	3800
Selenium	50	5	µg/l	ND	ND	ND	ND
Thallium	2	1	µg/l	ND	ND	ND	ND

Regulated Organic Chemicals

Parameter	MCL	DLR	Units	E-14	E-15	E-16	E-17
Volatile Organic Chemicals (VOC's)	variable	variable	µg/l	ND	ND	ND	ND
Synthetic Organic Chemicals (SOC's)	variable	variable	µg/l	ND	ND	ND	ND

Secondary Standards:

Parameter	MCL	DLR	Units	E-14	E-15	E-16	E-17
Apparent Color	15	NA	Units	<3	3	3	3
Chloride	250-500-600	NA	mg/L	75	88	89	74
Copper	1000	50	µg/l	ND	ND	ND	ND
Iron	300	100	µg/l	ND	ND	ND	ND
Manganese	50	20	µg/l	ND	ND	ND	ND
MBAS (foaming agents)	0.5	NA	mg/L	ND	ND	ND	ND
Odor	3	1	units (TON)	1	4	3	1
pH	6.5 - 8.5	NA	units	7.5	7.7	7.3	7.4
Silver	100	10	µg/l	ND	ND	ND	ND
Specific Conductance (E.C.)	900-1600-2,200	NA	umho/cm	1240	1290	1390	1360
Sulfate	250-500-600	0.5	mg/L	340	330	340	340
Total Dissolved Solids (TDS)	500-1000-1500	NA	mg/L	900	890	950	960
Turbidity	5	NA	NTU	0.4	0.9	0.2	0.3
Zinc	5000	50	µg/l	ND	ND	ND	ND

Valencia Water Company
California Department of Health Services Drinking Water Standards, Title 22
Wells E-14, E-15, E-16, E-17

Unregulated / Other Chemicals

Parameter	Notification Level	DLR	Units	E-14	E-15	E-16	E-17
Alkalinity	NA	NA	mg/L	230	215	244	254
Bicarbonate (as HCO3)	NA	NA	mg/L	280	262	298	310
Calcium	NA	NA	mg/L	130	120	120	130
Carbonate (as CO3)	NA	NA	mg/L	0.575	0.853	0.386	0.506
Carbon dioxide	NA	NA	µg/l	17700	10500	29900	24700
Hardness (Total as CaCO3)	NA	NA	mg/L	514	481	489	535
Hydroxide	NA	NA	mg/L	0.005	0.009	0.003	0.004
Magnesium	NA	NA	mg/L	46	46	44	51
Potassium	NA	NA	mg/L	4.2	4	3.9	4.4
Sodium	NA	NA	mg/L	100	100	110	110
Total Anions	NA	NA	meq/L	14	13.9	14.8	14.6
Total Cations	NA	NA	meq/L	14.7	14.1	14.7	15.6
Boron	1000	100	µg/l	430	480	460	470
Chromium, hexavalent	NA	1	µg/l	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)	100	0.5	µg/l	ND	ND	ND	ND
Ethyl Tert-Butyl Ether (ETBE)	NA	3	µg/l	ND	ND	ND	ND
Langelier Index (25C)	NA	NA	none	0.62	0.75	0.41	0.56
Perchlorate	6	4	µg/l	ND	ND	ND	ND
Tert-Amyl Methyl Ether (TAME)	NA	3	µg/l	ND	ND	ND	ND
Tert-Butyl Alcohol (TBA)	12	2	µg/l	ND	ND	ND	ND
1,2,3-Trichloropropane (1,2,3-TCP)	0.005	0.005	µg/l	ND	ND	ND	ND
Vanadium	50	3	µg/l	ND	ND	ND	ND

Notes: Thiobencarb is listed as both an SOC and a Secondary Standard. The results for thiobencarb are included under SOC results.
MTBE is listed as both a VOC and a Secondary Standard. The results for MTBE are included under VOC results.
Aluminum is considered both a Primary and Secondary Standard. The results for aluminum are listed under Primary Standards.
2,3,7,8 -TCDD is an SOC. The results are attached.
EDB-DBCP are SOC's. They were run separately for E-16. Results are attached to E-16 file.
Alkalinity was run separately for E-14. Results are attached to E-14 file.

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)
Date of Report:07/21/04 Sample ID No. 2406240204-129421 EDT
Laboratory Signature Lab
Name: MWH Laboratories Director: JKH
Name of Sampler: Employed By:
Date/Time Sample Collected: 06/24/04 0700 Date/Time Sample Received @ Lab: 06/24/04 Date Analyses Completed: 07/14/04

System Name: VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source: WELL E-14

User ID: 4th Station Number: 1910240-060
Date/Time of Sample: |04|06|24|0700| (YY MM DD TTTT) Laboratory Code: 9590
Date Analysis completed: |04|07|14| (YY MM DD)
Submitted by: Michael Alvord Phone #: 661 294-0828

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MCL	REPORT UNITS	CHEMICAL	STORET CODE	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3)	00900	514.	
	mg/L	Calcium (Ca)	00916	130	
	mg/L	Magnesium (Mg)	00927	46	
	mg/L	Sodium (Na)	00929	100	
	mg/L	Potassium (K)	00937	4.2	
	meq/L	Total Cations	ENT01	14.7	
	mg/L	Hydroxide (OH)	71830	0.005	
	mg/L	Carbonate (CO3)	00445	0.575	
	mg/L	Bicarbonate (HCO3)	00440	280.	
	mg/L	Sulfate (SO4)	00945	340	0.5
	mg/L	Chloride (Cl)	00940	75	
45	mg/L	Nitrate (NO3)	71850	11.0	2.0
2	mg/L	Fluoride (F) (Natural - Source)	00951	0.889	.1
	meq/L	Total Anions	ENT02	14.0	
6.5-8.5	Units	pH (laboratory)	00403	7.5	
	uhmo/cm	Specific Conductance (E.C.)	00095	1240	
	mg/L	Total Filterable Residue	70300	900	
15	Units	Apparent Color (Unfiltered)	00081	<3.000	
3	TON	Odor Threshold at 60 C	00086	1	
5	NTU	Lab Turbidity	82079	0.40	
0.5	mg/L	MBAS	38260	<0.050	
1000	ug/L	Aluminum (Al)	01105	<50.0	50.0
6.	ug/L	Antimony	01097	<6.	6.
50	ug/L	Arsenic (As)	01002	<2.0	2.0
1000	ug/L	Barium (Ba)	01007	<100.	100.
4	ug/L	Beryllium	01012	<1.0	1.0
5	ug/L	Cadmium (Cd)	01027	<1.0	1.0
50	ug/L	Chromium (Total Cr)	01034	<10.0	10.0
1000	ug/L	Copper (Cu)	01042	<50.	50.
300	ug/L	Iron (Fe)	01045	<100.	100.

MCL	REPORT UNITS	CHEMICAL	STORET CODE	ANALYSES RESULTS	DLR
	ug/L	Lead (Pb)	01051	<5.0	5.0
50	ug/L	Manganese (Mn)	01055	<20.	20.
2	ug/L	Mercury (Hg)	71900	<1.0	1.0
100	ug/L	Nickel	01067	<10.0	10.0
50	ug/L	Selenium (Se)	01147	<5.0	5.0
100	ug/L	Silver (Ag)	01077	<10.0	10.0
2	ug/L	Thallium	01059	<1.0	1.0
5000	ug/L	Zinc (Zn)	01092	<50.	50.
		Langelier Index at 25 C	71813	0.62	
	ug/L	Boron	01020	430	100
10000	ug/L	Nitrate + Nitrite as N	A-029	2500	400
1000	ug/L	Nitrite as N (Nitrogen)	00620	<400	400
	ug/L	Carbon Dioxide	77000	17700	
	ug/L	Vanadium	01087	<3.0	3.0
	ug/L	Perchlorate	A-031	<4	4
	ug/L	Chromium (Total Cr-CrVI screen)	A-044	<1.0	1.0
	ug/L	Chromium, hexavalent (CrVI)	01032	<1.0	1.0

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report:07/21/04 | Sample ID No. 2406240204-129421 EDT

Laboratory Name: MWH Laboratories | Signature Lab Director: JCH

Name of Sampler: | Employed By:

Date/Time Sample Collected: 06/24/04 0700 | Date/Time Sample Received @ Lab: 06/24/04 | Date Analyses Completed: 07/08/04

System Name: VALENCIA WATER CO. | System Number: 1910240

Name or Number of Sample Source: WELL E-14

User ID: 4th | Station Number: 1910240-060

Date/Time of Sample: |04|06|24|0700| (YY MM DD TTTT) | Laboratory Code: 9590

Date Analysis completed: |04|07|08| (YY MM DD)

Submitted by: Michael Alvord | Phone #: 661 294-0828

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TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Total Trihalomethane(THM's/TTHM)	82080	<0.5	100	0.5
524.2	Bromodichloromethane	32101	<0.5		0.5
524.2	Bromoform	32104	<0.5		0.5
524.2	Chloroform(Trichloromethane)	32106	<0.5		0.5
524.2	Dibromochloromethane	32105	<0.5		0.500
524.2	Benzene	34030	<0.5	1	0.5
524.2	Carbon Tetrachloride	32102	<0.5	.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	34536	<0.5	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	34571	<0.5	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	34496	<0.5	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	34531	<0.5	.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	<0.5	6	0.5
524.2	cis-1,2-Dichloroethylene	77093	<0.5	6	0.5
524.2	trans-1,2-Dichloroethylene	34546	<0.5	10	0.5
524.2	Dichloromethane(Meth Chlor)	34423	<0.5	5	0.5
524.2	1,2-Dichloropropane	34541	<0.5	5	0.5
524.2	Total 1,3-Dichloropropene	34561	<0.5	.5	0.5
524.2	Ethyl benzene	34371	<0.5	300	0.5
524.2	Methyl Tert-butyl ether (MTBE)	46491	<3.0	5.0	3.0
524.2	Monochlorobenzene(Chlorobenzene)	34301	<0.5	70	0.5
524.2	Styrene	77128	<0.5	100	0.5
524.2	1,1,2,2-Tetrachloroethane	34516	<0.5	1	0.5
524.2	Tetrachloroethylene (PCE)	34475	<0.5	5	0.5
524.2	Toluene	34010	<0.5	150	0.5
524.2	1,2,4-Trichlorobenzene	34551	<0.5	5	0.5
524.2	1,1,1-Trichloroethane(1,1,1-TCA)	34506	<0.5	200	0.5
524.2	1,1,2-Trichloroethane(1,1,2-TCA)	34511	<0.5	5	0.5
524.2	Trichloroethylene (TCE)	39180	<0.5	5	0.5
524.2	Trichlorofluoromethane(Freon 11)	34488	<5.0	150	5.0
524.2	Trichlorotrifluoroethane(Freon113)	81611	<10.0	1200	10.0

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Vinyl Chloride (VC)	39175	<0.5	0.5	0.5
524.2	m,p-Xylene	A-014	<0.5		0.5
524.2	o-Xylene	77135	<0.5		0.5
524.2	Total Xylenes (m,p & o)	81551	<.50	1750	0.5
504	Dibromochloropropane(DBCP)	38761	<0.01	.2	0.01
504	Ethylene Dibromide (EDB)	77651	<0.02	0.05	0.02
505	Endrin	39390	<.1	2	.1
505	Lindane (gamma-BHC)	39340	<0.2	0.2	0.2
505	Methoxychlor	39480	<10.0	30	10.0
505	Toxaphene	39400	<1.0	3	1.0
505	Chlordane	39350	<.1	.1	.1
525.2	Diethylhexylphthalate (DEHP)	39100	<3.0	4	3.0
505	Heptachlor	39410	<0.01	.01	0.01
505	Heptachlor epoxide	39420	<0.01	.01	0.01
525.2	Atrazine	39033	<0.5	1	0.5
525.2	Molinate (Ordram)	82199	<2.0	20	2.0
525.2	Simazine (Princep)	39055	<1.0	4	1.0
525.2	Thiobencarb (Bolero)	A-001	<1.0	70	1.0
505	Alachlor (Alanex)	77825	<1.0	2	1.0
515.3	Bentazon (Basagran)	38710	<2.0	18	2.0
525.2	Benzo(a)pyrene	34247	<.1	0.2	.1
515.3	2,4-D	39730	<10.0	70	10.0
515.3	2,4,5-TP (Silvex)	39045	<1.0	50	1.0
531.1	Carbofuran (Furadan)	81405	<5.0	18	5.0
515.3	Dalapon (Dowpon)	38432	<10.0	200	10.0
515.3	Dinoseb (DNBP)	81287	<2.0	7	2.0
549	Diquat	78885	<4.	20	4.
525.2	Di(2-ethylhexyl)adipate	A-026	<5.0	400	5.0
548	Endothall	38926	<45.0	100	45.0
547	Glyphosate	79743	<25.0	700	25.0
525.2	Hexachlorobenzene	39700	<0.5	1	0.5
525.2	Hexachlorocyclopentadiene	34386	<1.0	50	1.0
531.1	Oxamyl (Vydate)	38865	<20.0	50	20.0
515.3	Pentachlorophenol (PCP)	39032	<0.2	1	0.2
515.3	Pichloram (Tordon)	39720	<1.0	500	1.0
505	Polychlorinated Biphenyls(Tot PCB's)	39516	<0.5	0.5	0.5
524.2	tert-Amyl-Methyl Ether (TAME)	A-034	<3.0		3.0
524.2	Bromobenzene	81555	<0.5		0.5
524.2	Bromochloromethane	A-012	<0.5		0.5
524.2	Bromomethane (Methyl Bromide)	34413	<0.5		0.5
524.2	Tert Butyl Alcohol (TBA)	77035	<2.0		2.0
524.2	n-Butylbenzene	A-010	<0.5		0.5
524.2	sec-Butylbenzene	77350	<0.5		0.5
524.2	tert-Butylbenzene	77353	<0.5		0.5
524.2	Chloroethane	34311	<0.5		0.5
524.2	Chloromethane (Methyl Chloride)	34418	<0.5		0.5

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	2-Chlorotoluene	A-008	<0.5		0.5
524.2	4-Chlorotoluene	A-009	<0.5		0.5
524.2	Dibromomethane	77596	<0.5		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	34566	<0.5		0.5
524.2	Dichlorodifluoromethane (Freon 12)	34668	<0.5		0.5
524.2	1,3-Dichloropropane	77173	<0.5		0.5
524.2	2,2-Dichloropropane	77170	<0.5		0.5
524.2	1,1-Dichloropropene	77168	<0.5		0.5
524.2	Diisopropyl Ether (DIPE)	A-036	<3.0		3.0
524.2	Ethyl-tert-Butyl-Ether (ETBE)	A-033	<3.0		3.0
524.2	Hexachlorobutadiene	34391	<0.5		0.5
524.2	Isopropylbenzene (Cumene)	77223	<0.5		0.5
524.2	p-Isopropyltoluene	A-011	<0.5		0.5
524.2	Naphthalene	34696	<0.5		0.5
524.2	n-Propylbenzene	77224	<0.5		0.5
524.2	1,1,1,2-Tetrachloroethane	77562	<0.5		0.5
524.2	1,2,3-Trichlorobenzene	77613	<0.5		0.5
524.2	1,2,3-Trichloropropane	77443	<0.005		0.005
524.2	1,2,4-Trimethylbenzene	77222	<0.5		0.5
524.2	1,3,5-Trimethylbenzene	77226	<0.5		0.5
524.2	Methyl ethyl ketone (Butanone)	81595	<5.0		5.0
524.2	Methyl isobutyl ketone (MIBK)	81596	<5.0		5.0
531.1	Aldicarb (Temik)	39053	<3.0		3.0
531.1	Aldicarb sulfone	A-020	<4.		4.
531.1	Aldicarb sulfoxide	A-019	<3.0		3.0
505	Aldrin	39330	<.075		.075
525.2	Bromacil (Hyvar)	82198	<10.0		10.0
525.2	Butachlor	77860	<.38		.38
531.1	Carbaryl (Sevin)	77700	<5.0		5.0
515.3	Total DCPA Mono&Diacid Degradate	A-045	<1.00		1.00
525.2	Diazinon	39570	<0.25		0.25
515.3	Dicamba (Banvel)	82052	<1.50		1.50
505	Dieldrin	39380	<0.02		0.02
525.2	Dimethoate (Cygon)	38458	<10.0		10.0
531.1	3-Hydroxycarbofuran	A-021	<3.0		3.0
531.1	Methomyl	39051	<2.0		2.0
525.2	Metolachlor	39356	<0.050		
525.2	Metribuzin	81408	<0.050		
525.2	Prometryn (Caparol)	39057	<2.0		2.0
525.2	Propachlor	38533	<0.5		0.5
505	PCB 1016 Aroclor	34671	<0.5	0.5	0.5
505	PCB 1221 Aroclor	39488	<0.5		0.5
505	PCB 1232 Aroclor	39492	<0.5		0.5
505	PCB 1242 Aroclor	39496	<0.5		0.5
505	PCB 1248 Aroclor	39500	<0.5		0.5
505	PCB 1254 Aroclor	39504	<0.5		0.5
505	PCB 1260 Aroclor	39508	<0.5		0.5

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)
Date of Report:09/02/04 Sample ID No. 2403310223-124420 EDT
Laboratory Signature Lab
Name: MWH Laboratories Director: JCH
Na of Sampler: Employed By:
Date/Time Sample Date/Time Sample Date Analyses
Collected: 03/31/04 0725 Received @ Lab: 03/31/04 Completed: 04/14/04

System Name: VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source: WELL E-16 - PENDING

* User ID: 4th Station Number: 1910240-064 *
* Date/Time of Sample: |04|03|31|0725| Laboratory Code: 9590 *
* YY MM DD TTTT YY MM DD *
* Date Analysis completed: |04|04|14| *
* Submitted by: Michael Alvord Phone #: 661 294-0828 *

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MCL	REPORT UNITS	CHEMICAL	STORET CODE	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3)	00900	489.	
	mg/L	Calcium (Ca)	00916	120	
	mg/L	Magnesium (Mg)	00927	46	
	mg/L	Sodium (Na)	00929	110	
	mg/L	Potassium (K)	00937	3.9	
	meq/L	Total Cations	ENT01	14.7	
	mg/L	Total Alkalinity (as CaCO3)	00410	244	
	mg/L	Hydroxide (OH)	71830	0.003	
	mg/L	Carbonate (CO3)	00445	0.386	
	mg/L	Bicarbonate (HCO3)	00440	298.	
	mg/L	Sulfate (SO4)	00945	340	0.5
	mg/L	Chloride (Cl)	00940	89	
2	mg/L	Fluoride (F) (Natural - Source)	00951	0.89	.1
	meq/L	Total Anions	ENT02	14.8	
6.5-8.5	Units	pH (laboratory)	00403	7.3	
	uhmo/cm	Specific Conductance (E.C.)	00095	1390	
	mg/L	Total Filterable Residue	70300	950	
15	Units	Apparent Color (Unfiltered)	00081	3	
3	TON	Odor Threshold at 60 C	00086	3	
5	NTU	Lab Turbidity	82079	0.20	
0.5	mg/L	MBAS	38260	<0.050	
1000	ug/L	Aluminum (Al)	01105	<50.0	50.0
6.	ug/L	Antimony	01097	<6.	6.
50	ug/L	Arsenic (As)	01002	<2.0	2.0
1000	ug/L	Barium (Ba)	01007	<100.	100.
4	ug/L	Beryllium	01012	<1.0	1.0
5	ug/L	Cadmium (Cd)	01027	<1.0	1.0
50	ug/L	Chromium (Total Cr)	01034	<10.0	10.0
1000	ug/L	Copper (Cu)	01042	<50.	50.
300	ug/L	Iron (Fe)	01045	<100.	100.

MCL	REPORT UNITS	CHEMICAL	STORET CODE	ANALYSES RESULTS	DLR
	ug/L	Lead (Pb)	01051	<5.0	5.0
50	ug/L	Manganese (Mn)	01055	<20.	20.
2	ug/L	Mercury (Hg)	71900	<1.0	1.0
100	ug/L	Nickel	01067	<10.0	10.0
50	ug/L	Selenium (Se)	01147	<5.0	5.0
100	ug/L	Silver (Ag)	01077	<10.0	10.0
2	ug/L	Thallium	01059	<1.0	1.0
5000	ug/L	Zinc (Zn)	01092	<50.	50.
		Langelier Index at 25 C	71813	0.41	
	ug/L	Boron	01020	460	100
10000	ug/L	Nitrate + Nitrite as N	A-029	3800	400
1000	ug/L	Nitrite as N (Nitrogen)	00620	<400	400
	ug/L	Carbon Dioxide	77000	29900	
	ug/L	Vanadium	01087	<3.0	3.0
	ug/L	Perchlorate	A-031	<4	4
	ug/L	Chromium (Total Cr-CrVI screen)	A-044	<1.0	1.0
	ug/L	Chromium, hexavalent (CrVI)	01032	<1.0	1.0

ORGANIC CHEMICAL ANALYSIS (9/99)
Date of Report:09/02/04 Sample ID No. 2403310223-124420 EDT
Laboratory Signature Lab
Name: MWH Laboratories Director: JCH
Name of Sampler: Employed By:
Date/Time Sample Date/Time Sample Date Analyses
Collected: 03/31/04 0725 Received @ Lab: 03/31/04 Completed: 04/13/04

System Name: VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source: WELL E-16 - PENDING

User ID: 4th Station Number: 1910240-064
Date/Time of Sample: |04|03|31|0725| Laboratory Code: 9590
YY MM DD TTTT YY MM DD
Date Analysis completed: |04|04|13|
Submitted by: Michael Alvord Phone #: 661 294-0828

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TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Total Trihalomethane(THM's/TTHM)	82080	<0.5	100	0.5
524.2	Bromodichloromethane	32101	<0.5		0.5
524.2	Bromoform	32104	<0.5		0.5
524.2	Chloroform(Trichloromethane)	32106	<0.5		0.5
524.2	Dibromochloromethane	32105	<0.5		0.500
524.2	Benzene	34030	<0.5	1	0.5
524.2	Carbon Tetrachloride	32102	<0.5	.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	34536	<0.5	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	34571	<0.5	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	34496	<0.5	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	34531	<0.5	.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	<0.5	6	0.5
524.2	cis-1,2-Dichloroethylene	77093	<0.5	6	0.5
524.2	trans-1,2-Dichloroethylene	34546	<0.5	10	0.5
524.2	Dichloromethane(Meth Chlor)	34423	<0.5	5	0.5
524.2	1,2-Dichloropropane	34541	<0.5	5	0.5
524.2	Ethyl benzene	34371	<0.5	300	0.5
524.2	Methyl Tert-butyl ether (MTBE)	46491	<3.0	5.0	3.0
524.2	Monochlorobenzene(Chlorobenzene)	34301	<0.5	70	0.5
524.2	Styrene	77128	<0.5	100	0.5
524.2	1,1,2,2-Tetrachloroethane	34516	<0.5	1	0.5
524.2	Tetrachloroethylene (PCE)	34475	<0.5	5	0.5
524.2	Toluene	34010	<0.5	150	0.5
524.2	1,2,4-Trichlorobenzene	34551	<0.5	5	0.5
524.2	1,1,1-Trichloroethane(1,1,1-TCA)	34506	<0.5	200	0.5
524.2	1,1,2-Trichloroethane(1,1,2-TCA)	34511	<0.5	5	0.5
524.2	Trichloroethylene (TCE)	39180	<0.5	5	0.5
524.2	Trichlorofluoromethane(Freon 11)	34488	<5.0	150	5.0
524.2	Trichlorotrifluoroethane(Freon113)	81611	<10.0	1200	10.0
524.2	Vinyl Chloride (VC)	39175	<0.5	0.5	0.5

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	m,p-Xylene	A-014	<0.5		0.5
524.2	o-Xylene	77135	<0.5		0.5
524.2	Total Xylenes (m,p & o)	81551	<.50	1750	0.5
505	Endrin	39390	<.1	2	.1
505	Lindane (gamma-BHC)	39340	<0.2	0.2	0.2
505	Methoxychlor	39480	<10.0	30	10.0
505	Toxaphene	39400	<1.0	3	1.0
505	Chlordane	39350	<.1	.1	.1
525.2	Diethylhexylphthalate (DEHP)	39100	<3.0	4	3.0
505	Heptachlor	39410	<0.01	.01	0.01
505	Heptachlor epoxide	39420	<0.01	.01	0.01
525.2	Atrazine	39033	<0.5	1	0.5
525.2	Molinate (Ordram)	82199	<2.0	20	2.0
525.2	Simazine (Princep)	39055	<1.0	4	1.0
525.2	Thiobencarb (Bolero)	A-001	<1.0	70	1.0
505	Alachlor (Alanex)	77825	<1.0	2	1.0
515.3	Bentazon (Basagran)	38710	<2.0	18	2.0
525.2	Benzo(a)pyrene	34247	<.1	0.2	.1
515.3	2,4-D	39730	<10.0	70	10.0
515.3	2,4,5-TP (Silvex)	39045	<1.0	50	1.0
531.1	Carbofuran (Furadan)	81405	<5.0	18	5.0
515.3	Dalapon (Dowpon)	38432	<10.0	200	10.0
515.3	Dinoseb (DNBP)	81287	<2.0	7	2.0
549	Diquat	78885	<4.	20	4.
525.2	Di(2-ethylhexyl)adipate	A-026	<5.0	400	5.0
9	Endothall	38926	<45.0	100	45.0
547	Glyphosate	79743	<25.0	700	25.0
525.2	Hexachlorobenzene	39700	<0.5	1	0.5
525.2	Hexachlorocyclopentadiene	34386	<1.0	50	1.0
531.1	Oxamyl (Vydate)	38865	<20.0	50	20.0
515.3	Pentachlorophenol (PCP)	39032	<0.2	1	0.2
515.3	Pichloram (Tordon)	39720	<1.0	500	1.0
524.2	tert-Amyl-Methyl Ether (TAME)	A-034	<3.0		3.0
524.2	Bromobenzene	81555	<0.5		0.5
524.2	Bromochloromethane	A-012	<0.5		0.5
524.2	Bromomethane (Methyl Bromide)	34413	<0.5		0.5
524.2	Tert Butyl Alcohol (TBA)	77035	<2.0		2.0
524.2	n-Butylbenzene	A-010	<0.5		0.5
524.2	sec-Butylbenzene	77350	<0.5		0.5
524.2	tert-Butylbenzene	77353	<0.5		0.5
524.2	Chloroethane	34311	<0.5		0.5
524.2	Chloromethane (Methyl Chloride)	34418	<0.5		0.5
524.2	2-Chlorotoluene	A-008	<0.5		0.5
524.2	4-Chlorotoluene	A-009	<0.5		0.5
524.2	Dibromomethane	77596	<0.5		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	34566	<0.5		0.5

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Dichlorodifluoromethane (Freon 12)	34668	<0.5		0.5
524.2	1,3-Dichloropropane	77173	<0.5		0.5
524.2	2,2-Dichloropropane	77170	<0.5		0.5
524.2	1,1-Dichloropropene	77168	<0.5		0.5
524.2	Diisopropyl Ether (DIPE)	A-036	<3.0		3.0
524.2	Ethyl-tert-Butyl-Ether (ETBE)	A-033	<3.0		3.0
524.2	Hexachlorobutadiene	34391	<0.5		0.5
524.2	Isopropylbenzene (Cumene)	77223	<0.5		0.5
524.2	p-Isopropyltoluene	A-011	<0.5		0.5
524.2	Naphthalene	34696	<0.5		0.5
524.2	n-Propylbenzene	77224	<0.5		0.5
524.2	1,1,1,2-Tetrachloroethane	77562	<0.5		0.5
524.2	1,2,3-Trichlorobenzene	77613	<0.5		0.5
524.2	1,2,3-Trichloropropane	77443	<0.005		0.005
524.2	1,2,4-Trimethylbenzene	77222	<0.5		0.5
524.2	1,3,5-Trimethylbenzene	77226	<0.5		0.5
524.2	Methyl ethyl ketone (Butanone)	81595	<5.0		5.0
524.2	Methyl isobutyl ketone (MIBK)	81596	<5.0		5.0
531.1	Aldicarb (Temik)	39053	<3.0		3.0
531.1	Aldicarb sulfone	A-020	<4.		4.
531.1	Aldicarb sulfoxide	A-019	<3.0		3.0
505	Aldrin	39330	<.075		.075
525.2	Bromacil (Hyvar)	82198	<10.0		10.0
525.2	Butachlor	77860	<.38		.38
531.1	Carbaryl (Sevin)	77700	<5.0		5.0
5.3	Total DCPA Mono&Diacid Degradate	A-045	<1.00		1.00
525.2	Diazinon	39570	<0.25		0.25
515.3	Dicamba (Banvel)	82052	<1.50		1.50
505	Dieldrin	39380	<0.02		0.02
525.2	Dimethoate (Cygon)	38458	<10.0		10.0
531.1	3-Hydroxycarbofuran	A-021	<3.0		3.0
531.1	Methomyl	39051	<2.0		2.0
525.2	Metolachlor	39356	<0.050		
525.2	Metribuzin	81408	<0.050		
525.2	Prometryn (Caparol)	39057	<2.0		2.0
525.2	Propachlor	38533	<0.5		0.5
505	PCB 1016 Aroclor	34671	<0.5	0.5	0.5
505	PCB 1221 Aroclor	39488	<0.5		0.5
505	PCB 1232 Aroclor	39492	<0.5		0.5
505	PCB 1242 Aroclor	39496	<0.5		0.5
505	PCB 1248 Aroclor	39500	<0.5		0.5
505	PCB 1254 Aroclor	39504	<0.5		0.5
505	PCB 1260 Aroclor	39508	<0.5		0.5

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)
Date of Report:09/02/04 Sample ID No. 2404130395-125130 EDT
Laboratory Signature Lab
Name: MWH Laboratories Director: JCH
N(: of Sampler: Employed By:
Date/Time Sample Date/Time Sample Date Analyses
Collected: 04/13/04 0735 Received @ Lab: 04/13/04 Completed: 04/26/04

System Name: VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source: WELL E-17 - PENDING

* User ID: 4th Station Number: 1910240-066 *
* Date/Time of Sample: |04|04|13|0735| Laboratory Code: 9590 *
* YY MM DD TTTT YY MM DD *
* Date Analysis completed: |04|04|26| *
* Submitted by: Michael Alvord Phone #: 661 294-0828 *

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MCL	REPORT UNITS	CHEMICAL	STORET CODE	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3)	00900	535.	
	mg/L	Calcium (Ca)	00916	130	
	mg/L	Magnesium (Mg)	00927	51	
	mg/L	Sodium (Na)	00929	110	
	mg/L	Potassium (K)	00937	4.4	
	meq/L	Total Cations	ENT01	15.6	
	mg/L	Total Alkalinity (as CaCO3)	00410	254	
	mg/L	Hydroxide (OH)	71830	0.004	
	mg/L	Carbonate (CO3)	00445	0.506	
	mg/L	Bicarbonate (HCO3)	00440	310.	
	mg/L	Sulfate (SO4)	00945	340	0.5
	mg/L	Chloride (Cl)	00940	74	
2	mg/L	Fluoride (F) (Natural - Source)	00951	0.83	.1
	meq/L	Total Anions	ENT02	14.6	
6.5-8.5	Units	pH (laboratory)	00403	7.4	
	uhmo/cm	Specific Conductance (E.C.)	00095	1360	
	mg/L	Total Filterable Residue	70300	960	
15	Units	Apparent Color (Unfiltered)	00081	3	
3	TON	Odor Threshold at 60 C	00086	1	
5	NTU	Lab Turbidity	82079	0.30	
0.5	mg/L	MBAS	38260	<0.050	
1000	ug/L	Aluminum (Al)	01105	<50.0	50.0
6.	ug/L	Antimony	01097	<6.	6.
50	ug/L	Arsenic (As)	01002	<2.0	2.0
1000	ug/L	Barium (Ba)	01007	<100.	100.
4	ug/L	Beryllium	01012	<1.0	1.0
5	ug/L	Cadmium (Cd)	01027	<1.0	1.0
50	ug/L	Chromium (Total Cr)	01034	<10.0	10.0
1000	ug/L	Copper (Cu)	01042	<50.	50.
300	ug/L	Iron (Fe)	01045	<100.	100.

MCL	REPORT UNITS	CHEMICAL	STORET CODE	ANALYSES RESULTS	DLR
	ug/L	Lead (Pb)	01051	<5.0	5.0
50	ug/L	Manganese (Mn)	01055	<20.	20.
2	ug/L	Mercury (Hg)	71900	<1.0	1.0
100	ug/L	Nickel	01067	<10.0	10.0
50	ug/L	Selenium (Se)	01147	<5.0	5.0
100	ug/L	Silver (Ag)	01077	<10.0	10.0
2	ug/L	Thallium	01059	<1.0	1.0
5000	ug/L	Zinc (Zn)	01092	<50.	50.
		Langelier Index at 25 C	71813	0.56	
	ug/L	Boron	01020	470	100
10000	ug/L	Nitrate + Nitrite as N	A-029	3800	400
1000	ug/L	Nitrite as N (Nitrogen)	00620	<400	400
	ug/L	Carbon Dioxide	77000	24700	
	ug/L	Vanadium	01087	<3.0	3.0
	ug/L	Perchlorate	A-031	<4	4
	ug/L	Chromium (Total Cr-CrVI screen)	A-044	<1.0	1.0
	ug/L	Chromium, hexavalent (CrVI)	01032	<1.0	1.0

ORGANIC CHEMICAL ANALYSIS (9/99)
Date of Report:09/02/04 Sample ID No. 2404130395-125130 EDT
Laboratory Signature Lab
Name: MWH Laboratories Director: OCH
Name of Sampler: Employed By:
Date/Time Sample Collected: 04/13/04 0735 Date/Time Sample Received @ Lab: 04/13/04 Date Analyses Completed: 04/28/04

System Name: VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source: WELL E-17 - PENDING

User ID: 4th Station Number: 1910240-066
Date/Time of Sample: |04|04|13|0735| (YY MM DD TTTT) Laboratory Code: 9590
Date Analysis completed: |04|04|28| (YY MM DD)
Submitted by: Michael Alvord Phone #: 661 294-0828

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TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Total Trihalomethane(THM's/TTHM)	82080	<0.5	100	0.5
524.2	Bromodichloromethane	32101	<0.5		0.5
524.2	Bromoform	32104	<0.5		0.5
524.2	Chloroform(Trichloromethane)	32106	<0.5		0.5
524.2	Dibromochloromethane	32105	<0.5		0.500
524.2	Benzene	34030	<0.5	1	0.5
524.2	Carbon Tetrachloride	32102	<0.5	.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	34536	<0.5	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	34571	<0.5	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	34496	<0.5	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	34531	<0.5	.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	<0.5	6	0.5
524.2	cis-1,2-Dichloroethylene	77093	<0.5	6	0.5
524.2	trans-1,2-Dichloroethylene	34546	<0.5	10	0.5
524.2	Dichloromethane(Meth Chlor)	34423	<0.5	5	0.5
524.2	1,2-Dichloropropane	34541	<0.5	5	0.5
524.2	Ethyl benzene	34371	<0.5	300	0.5
524.2	Methyl Tert-butyl ether (MTBE)	46491	<3.0	5.0	3.0
524.2	Monochlorobenzene(Chlorobenzene)	34301	<0.5	70	0.5
524.2	Styrene	77128	<0.5	100	0.5
524.2	1,1,2,2-Tetrachloroethane	34516	<0.5	1	0.5
524.2	Tetrachloroethylene (PCE)	34475	<0.5	5	0.5
524.2	Toluene	34010	<0.5	150	0.5
524.2	1,2,4-Trichlorobenzene	34551	<0.5	5	0.5
524.2	1,1,1-Trichloroethane(1,1,1-TCA)	34506	<0.5	200	0.5
524.2	1,1,2-Trichloroethane(1,1,2-TCA)	34511	<0.5	5	0.5
524.2	Trichloroethylene (TCE)	39180	<0.5	5	0.5
524.2	Trichlorofluoromethane(Freon 11)	34488	<5.0	150	5.0
524.2	Trichlorotrifluoroethane(Freon113)	81611	<10.0	1200	10.0
524.2	Vinyl Chloride (VC)	39175	<0.5	0.5	0.5

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	m,p-Xylene	A-014	<0.5		0.5
524.2	o-Xylene	77135	<0.5		0.5
524.2	Total Xylenes (m,p & o)	81551	<.50	1750	0.5
504	Dibromochloropropane(DBCP)	38761	<0.01	.2	0.01
504	Ethylene Dibromide (EDB)	77651	<0.02	0.05	0.02
505	Endrin	39390	<.1	2	.1
505	Lindane (gamma-BHC)	39340	<0.2	0.2	0.2
505	Methoxychlor	39480	<10.0	30	10.0
505	Toxaphene	39400	<1.0	3	1.0
505	Chlordane	39350	<.1	.1	.1
525.2	Diethylhexylphthalate (DEHP)	39100	<3.0	4	3.0
505	Heptachlor	39410	<0.01	.01	0.01
505	Heptachlor epoxide	39420	<0.01	.01	0.01
525.2	Atrazine	39033	<0.5	1	0.5
525.2	Molinate (Ordram)	82199	<2.0	20	2.0
525.2	Simazine (Princep)	39055	<1.0	4	1.0
525.2	Thiobencarb (Bolero)	A-001	<1.0	70	1.0
505	Alachlor (Alanex)	77825	<1.0	2	1.0
515.3	Bentazon (Basagran)	38710	<2.0	18	2.0
525.2	Benzo(a)pyrene	34247	<.1	0.2	.1
515.3	2,4-D	39730	<10.0	70	10.0
515.3	2,4,5-TP (Silvex)	39045	<1.0	50	1.0
531.1	Carbofuran (Furadan)	81405	<5.0	18	5.0
515.3	Dalapon (Dowpon)	38432	<10.0	200	10.0
515.3	Dinoseb (DNBP)	81287	<2.0	7	2.0
9	Diquat	78885	<4.	20	4.
525.2	Di(2-ethylhexyl)adipate	A-026	<5.0	400	5.0
548	Endothall	38926	<45.0	100	45.0
547	Glyphosate	79743	<25.0	700	25.0
525.2	Hexachlorobenzene	39700	<0.5	1	0.5
525.2	Hexachlorocyclopentadiene	34386	<1.0	50	1.0
531.1	Oxamyl (Vydate)	38865	<20.0	50	20.0
515.3	Pentachlorophenol (PCP)	39032	<0.2	1	0.2
515.3	Pichloram (Tordon)	39720	<1.0	500	1.0
524.2	tert-Amyl-Methyl Ether (TAME)	A-034	<3.0		3.0
524.2	Bromobenzene	81555	<0.5		0.5
524.2	Bromochloromethane	A-012	<0.5		0.5
524.2	Bromomethane (Methyl Bromide)	34413	<0.5		0.5
524.2	Tert Butyl Alcohol (TBA)	77035	<2.0		2.0
524.2	n-Butylbenzene	A-010	<0.5		0.5
524.2	sec-Butylbenzene	77350	<0.5		0.5
524.2	tert-Butylbenzene	77353	<0.5		0.5
524.2	Chloroethane	34311	<0.5		0.5
524.2	Chloromethane (Methyl Chloride)	34418	<0.5		0.5
524.2	2-Chlorotoluene	A-008	<0.5		0.5
524.2	4-Chlorotoluene	A-009	<0.5		0.5

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Dibromomethane	77596	<0.5		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	34566	<0.5		0.5
524.2	Dichlorodifluoromethane (Freon 12)	34668	<0.5		0.5
524.2	1,3-Dichloropropane	77173	<0.5		0.5
524.2	2,2-Dichloropropane	77170	<0.5		0.5
524.2	1,1-Dichloropropene	77168	<0.5		0.5
524.2	Diisopropyl Ether (DIPE)	A-036	<3.0		3.0
524.2	Ethyl-tert-Butyl-Ether (ETBE)	A-033	<3.0		3.0
524.2	Hexachlorobutadiene	34391	<0.5		0.5
524.2	Isopropylbenzene (Cumene)	77223	<0.5		0.5
524.2	p-Isopropyltoluene	A-011	<0.5		0.5
524.2	Naphthalene	34696	<0.5		0.5
524.2	n-Propylbenzene	77224	<0.5		0.5
524.2	1,1,1,2-Tetrachloroethane	77562	<0.5		0.5
524.2	1,2,3-Trichlorobenzene	77613	<0.5		0.5
524.2	1,2,3-Trichloropropane	77443	<0.005		0.005
524.2	1,2,4-Trimethylbenzene	77222	<0.5		0.5
524.2	1,3,5-Trimethylbenzene	77226	<0.5		0.5
524.2	Methyl ethyl ketone (Butanone)	81595	<5.0		5.0
524.2	Methyl isobutyl ketone (MIBK)	81596	<5.0		5.0
531.1	Aldicarb (Temik)	39053	<3.0		3.0
531.1	Aldicarb sulfone	A-020	<4.		4.
531.1	Aldicarb sulfoxide	A-019	<3.0		3.0
505	Aldrin	39330	<.075		.075
525.2	Bromacil (Hyvar)	82198	<10.0		10.0
5.2	Butachlor	77860	<.38		.38
531.1	Carbaryl (Sevin)	77700	<5.0		5.0
515.3	Total DCPA Mono&Diacid Degradate	A-045	<1.00		1.00
525.2	Diazinon	39570	<0.25		0.25
515.3	Dicamba (Banvel)	82052	<1.50		1.50
505	Dieldrin	39380	<0.02		0.02
525.2	Dimethoate (Cygon)	38458	<10.0		10.0
531.1	3-Hydroxycarbofuran	A-021	<3.0		3.0
531.1	Methomyl	39051	<2.0		2.0
525.2	Metolachlor	39356	<0.050		
525.2	Metribuzin	81408	<0.050		
525.2	Prometryn (Caparol)	39057	<2.0		2.0
525.2	Propachlor	38533	<0.5		0.5
505	PCB 1016 Aroclor	34671	<0.5	0.5	0.5
505	PCB 1221 Aroclor	39488	<0.5		0.5
505	PCB 1232 Aroclor	39492	<0.5		0.5
505	PCB 1242 Aroclor	39496	<0.5		0.5
505	PCB 1248 Aroclor	39500	<0.5		0.5
505	PCB 1254 Aroclor	39504	<0.5		0.5
505	PCB 1260 Aroclor	39508	<0.5		0.5

CLWA - Water Quality Laboratory EDT
27234 Bouquet Canyon Road
Santa Clarita, CA 91350-2173
GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 08/08/01 Sample ID No.Well E-15 070208
Laboratory Signature Lab
Name: CASTAIC LAKE WATER AGENCY Director:_____
Name of Sampler:James Saenz Employed By: Valencia Water Co.
Date/Time Sample Collected:08/07/02/0000 Date/Time Sample Received @ Lab:08/07/02/0000 Date Analyses Completed:08/08/01

System Name:VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source:WELL E-15

User ID: 4TH Station Number: 1910240-062
Date/Time of Sample: |08|07|02|0000| (YY MM DD TTTT) Laboratory Code: 2104
Date Analysis completed: |08|08|01| (YY MM DD)
Submitted by:_____ Phone #:_____

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900	418	
	mg/L	Calcium (Ca) (mg/L)	00916	105	
	mg/L	Magnesium (Mg) (mg/L)	00927	38.1	
	mg/L	Sodium (NA) (mg/L)	00929	88.3	
	mg/L	Potassium (K) (mg/L)	00937	3.9	
Total Cations	Meq/L Value: 12.31				
	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	229	
	mg/L	Hydroxide (OH) (mg/L)	71830	< 1	
	mg/L	Carbonate (CO3) (mg/L)	00445	< 1	
	mg/L	Bicarbonate (HCO3) (mg/L)	00440	279	
*	mg/L+	Sulfate (SO4) (mg/L)	00945	286	.5
*	mg/L+	Chloride (Cl) (mg/L)	00940	96	
45	mg/L	Nitrate (as NO3) (mg/L)	71850	13.3	2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951	0.80	.1
Total Anions	Meq/L Value: 13.49				
	Std.Units+	PH (Laboratory) (Std.Units)	00403	7.30	
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095	1308	
****	mg/L+	Total Filterable Residue@180C(TDS)(mg/L)	70300	921	
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	0.06	
0.5	mg/L+	MBAS (mg/L)	38260		

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

INORGANIC CHEMICALS

Well E-15 070208

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		1.38	
		Agressiveness Index	82383		13.1	
10000	ug/L	Nitrate + Nitrite as Nitrogen(N) (ug/L)	A-029		3003	400
1000	ug/L	Nitrite as Nitrogen(N) (ug/L)	00620	<	400	400

+ Indicates Secondary Drinking Water Standards

CLWA - Water Quality Laboratory EDT
27234 Bouquet Canyon Road
Santa Clarita, CA 91350-2173
GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 08/08/18 Sample ID No.Well E-15 080608
Laboratory Signature Lab
Name: CASTAIC LAKE WATER AGENCY Director:_____
Name of Sampler:James Saenz Employed By: Valencia Water Co.
Date/Time Sample Collected:08/08/06/0000 Date/Time Sample Received @ Lab:08/08/06/0000 Date Analyses Completed:08/08/16

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System Name:VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source:WELL E-15

****

* User ID: 4TH Station Number: 1910240-062 *
* Date/Time of Sample: |08|08|06|0000| Laboratory Code: 2104 *
* YY MM DD TTTT YY MM DD *
* Date Analysis completed: |08|08|16| *
* Submitted by:_____ Phone #:_____ *

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PAGE 1 OF 1 ADDITIONAL ANALYSES

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
6	ug/L	Perchlorate (ug/L)	A-031	< 4.0	4.0

+ Indicates Secondary Drinking Water Standards

ORGANIC CHEMICAL ANALYSIS (9/99)
Date of Report:11/10/08 Sample ID No. 2810290457-257854 EDT
Laboratory Signature Lab
Name: MWH Laboratories Director: JRH
Name of Sampler: Employed By:
Date/Time Sample Collected: 10/29/08 0925 Date/Time Sample Received @ Lab: 10/29/08 Date Analyses Completed: 11/03/08

System Name: VALENCIA WATER CO.
System Number: 1910240 COC ID: WELL E-15 1910240-062
Name or Number of Sample Source: WELL E-15

User ID: 4th Station Number: 1910240-062
Date/Time of Sample: |08|10|29|0925| (YY MM DD TTTT) Laboratory Code: 9590
Date Analysis completed: |08|11|03| (YY MM DD)
Submitted by: Michael Alvord Phone #: 661 294-0828

Page 1

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Total Trihalomethane(THM's/TTHM)	82080	<0.500	80	
524.2	Bromodichloromethane	32101	<1.0		1.0
524.2	Bromoform	32104	<1.0		1.0
524.2	Chloroform(Trichloromethane)	32106	<1.0		1.0
524.2	Dibromochloromethane	32105	<1.0		1.0
524.2	Benzene	34030	<0.5	1	0.5
524.2	Carbon Tetrachloride	32102	<0.5	.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	34536	<0.5	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	34571	<0.5	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	34496	<0.5	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	34531	<0.5	.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	<0.5	6	0.5
524.2	cis-1,2-Dichloroethylene	77093	<0.5	6	0.5
524.2	trans-1,2-Dichloroethylene	34546	<0.5	10	0.5
524.2	Dichloromethane(Meth Chlor)	34423	<0.5	5	0.5
524.2	1,2-Dichloropropane	34541	<0.5	5	0.5
524.2	Total 1,3-Dichloropropene	34561	<0.5	.5	0.5
524.2	Ethyl benzene	34371	<0.5	300	0.5
524.2	Methyl Tert-butyl ether (MTBE)	46491	<3.0	5.0	3.0
524.2	Monochlorobenzene(Chlorobenzene)	34301	<0.5	70	0.5
524.2	Styrene	77128	<0.5	100	0.5
524.2	1,1,2,2-Tetrachloroethane	34516	<0.5	1	0.5
524.2	Tetrachloroethylene (PCE)	34475	<0.5	5	0.5
524.2	Toluene	34010	<0.5	150	0.5
524.2	1,2,4-Trichlorobenzene	34551	<0.5	5	0.5
524.2	1,1,1-Trichloroethane(1,1,1-TCA)	34506	<0.5	200	0.5
524.2	1,1,2-Trichloroethane(1,1,2-TCA)	34511	<0.5	5	0.5
524.2	Trichloroethylene (TCE)	39180	<0.5	5	0.5
524.2	Trichlorofluoromethane(Freon 11)	34488	<5.0	150	5.0
524.2	Trichlorotrifluoroethane(Freon113)	81611	<10.0	1200	10.0

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
524.2	Vinyl Chloride (VC)	39175	<0.5	0.5	0.5
524.2	m,p-Xylene	A-014	<0.5		0.5
524.2	o-Xylene	77135	<0.5		0.5
524.2	Total Xylenes (m,p & o)	81551	<1.000	1750	
524.2	tert-Amyl-Methyl Ether (TAME)	A-034	<3.0		3.0
524.2	Bromobenzene	81555	<0.5		0.5
524.2	Bromochloromethane	A-012	<0.5		0.5
524.2	Bromomethane (Methyl Bromide)	34413	<0.5		0.5
524.2	n-Butylbenzene	A-010	<0.5		0.5
524.2	sec-Butylbenzene	77350	<0.5		0.5
524.2	tert-Butylbenzene	77353	<0.5		0.5
524.2	Chloroethane	34311	<0.5		0.5
524.2	Chloromethane (Methyl Chloride)	34418	<0.5		0.5
524.2	2-Chlorotoluene	A-008	<0.5		0.5
524.2	4-Chlorotoluene	A-009	<0.5		0.5
524.2	Dibromomethane	77596	<0.5		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	34566	<0.5		0.5
524.2	Dichlorodifluoromethane (Freon 12)	34668	<0.5		0.5
524.2	1,3-Dichloropropane	77173	<0.5		0.5
524.2	2,2-Dichloropropane	77170	<0.5		0.5
524.2	1,1-Dichloropropene	77168	<0.5		0.5
524.2	Diisopropyl Ether (DIPE)	A-036	<3.0		3.0
524.2	Ethyl-tert-Butyl-Ether (ETBE)	A-033	<3.0		3.0
524.2	Hexachlorobutadiene	34391	<0.5		0.5
524.2	Isopropylbenzene (Cumene)	77223	<0.5		0.5
524.2	p-Isopropyltoluene	A-011	<0.500		
524.2	Naphthalene	34696	<0.5		0.5
524.2	n-Propylbenzene	77224	<0.5		0.5
524.2	1,1,1,2-Tetrachloroethane	77562	<0.5		0.5
524.2	1,2,3-Trichlorobenzene	77613	<0.5		0.5
524.2	1,2,4-Trimethylbenzene	77222	<0.5		0.5
524.2	1,3,5-Trimethylbenzene	77226	<0.5		0.5
524.2	Methyl ethyl ketone (Butanone)	81595	<5.0		5.0
524.2	Methyl isobutyl ketone (MIBK)	81596	<5.0		5.0

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

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

Date of Report: 08/11/19 Sample ID No.E-15 111208
Laboratory Signature Lab
Name: CASTAIC LAKE WATER AGENCY Director:_____
Name of Sampler:James Saenz Employed By: Valencia Water Co.
Date/Time Sample Collected:08/11/12/0000 Date/Time Sample Received @ Lab:08/11/12/0000 Date Analyses Completed:08/11/13

System Name:VALENCIA WATER CO. System Number: 1910240
Name or Number of Sample Source:WELL E-15

User ID: 4TH Station Number: 1910240-062
Date/Time of Sample: |08|11|12|0000| (YY MM DD TTTT) Laboratory Code: 2104
Date Analysis completed: |08|11|13| (YY MM DD)
Submitted by:_____ Phone #:_____

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		
Total Cations	Meq/L Value: 0.00				
	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850	20.4	2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1
Total Anions	Meq/L Value: 0.00				
	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS)(mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

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