

Sonoma County Water Agency - Caissons 1 - 5 and Production Wells 1, 4, 7 - 2005 Water Quality Report

CLARITY OF WATER FROM GROUNDWATER SOURCES	MCL <sup>(3)</sup>	Units	Sample Frequency	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Typical Source of Contaminant
Turbidity <sup>(1)</sup>	5	NTU	continuous	average 0.03 range (0.02 - 2.0)	average 0.02 range (0.01 - 2.0)	average 0.03 range (0.02 - 2.0)	average 0.02 range (0.01 - 2.0)	average 0.05 range (0.04 - 2.0)	Sand

	MCL	Units	# Samples	Distribution System Monitoring for 2005
MICROBIOLOGICAL - Coliform Bacteria	<2 positive samples per month	coliforms/100ml	469	(0) positive samples
DISINFECTANT - Total Chlorine Residual	> 95% per month	detectable residual	626	Detectable residual in 100% of samples taken
Total Trihalomethanes <sup>(2)</sup> - Tank Samples	0.1	mg/L	200	average = 0.0223 mg/L range = (0.01153 mg/L - 0.0263 mg/L)

VOLATILE ORGANIC COMPOUNDS	Units	STATE MCL	DLR	MCLG (PHG)	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
<b>Section 64444 - Table A</b>												
Benzene	mg/L	0.001	0.0005	(0.00015)	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	mg/L	0.0005	0.0005	(0.0001)	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene (o-DCB)	mg/L	0.6	0.0005	(0.6)	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene (p-DCB)	mg/L	0.005	0.0005	(0.006)	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)	mg/L	0.005	0.0005	(0.003)	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)	mg/L	0.0005	0.0005	(0.0004)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,-Dichloroethylene (1,1-DCE)	mg/L	0.006	0.0005	(0.01)	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene (c-1,2-DCE)	mg/L	0.006	0.0005	0.07	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene (t-1,2-DCE)	mg/L	0.01	0.0005	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane (Methylene Chloride)	mg/L	0.005	0.0005	(0.004)	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	mg/L	0.005	0.0005	(0.0005)	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	mg/L	0.0005	0.0005	(0.0002)	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	mg/L	0.3	0.0005	(0.3)	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE) <sup>(4)</sup>	mg/L	0.013	0.003	(0.013)	ND	ND	ND	ND	ND	ND	ND	ND
Monochlorobenzene (Chlorobenzene)	mg/L	0.07	0.0005	(0.2)	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	mg/L	0.1	0.0005	0.1	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	mg/L	0.001	0.0005	(0.0001)	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	mg/L	0.005	0.0005	(0.00006)	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	mg/L	0.15	0.0005	(0.15)	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	mg/L	0.005	0.0005	(0.005)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)	mg/L	0.2	0.0005	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)	mg/L	0.005	0.0005	0.003	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/L	0.005	0.0005	(0.0008)	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)	mg/L	0.15	0.005	(0.7)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	mg/L	1.2	0.01	(4)	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride (VC)	mg/L	0.0005	0.0005	(0.00005)	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (m,p, & o)	mg/L	1.75	0.0005	(1.8)	ND	ND	ND	ND	ND	ND	ND	ND

<sup>(1)</sup> Turbidity: **Annual average** is the mean of the monthly average values, weighted by hours of pump operation each month. **Range** refers to the minimum and maximum Turbidity readings recorded by the online Turbidimeters at each site.

<sup>(2)</sup> Total Trihalomethanes: 40 CFR Section 141.12 - Is the sum of the concentrations of Bromodichloromethane, Dibromochloromethane, Bromoform, and Chloroform.

<sup>(3)</sup> MCL: Secondary Standard.

<sup>(4)</sup> Methyl tert-butyl ether (MTBE) is listed in both the Primary (Organic Chemicals - VOCs) and Secondary standards.

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SYNTHETIC ORGANIC COMPOUNDS <i>Section 64444 - Table A</i>	Units	STATE MCL	DLR	MCLG (PHG)	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
					1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05
Alachlor	mg/L	0.002	0.001	(0.004)	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	mg/L	0.001	0.0005	(0.00015)	ND	ND	ND	ND	ND	ND	ND	ND
Bentazon	mg/L	0.018	0.002	(0.2)	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	0.0002	0.0001	(0.000004)	ND	ND	ND	ND	ND	ND	ND	ND
Carbofuran	mg/L	0.018	0.005	(0.0017)	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	mg/L	0.0001	0.0001	(0.00003)	ND	ND	ND	ND	ND	ND	ND	ND
2,4 - Dichlorophenoxyacetic acid (2,4-D)	mg/L	0.07	0.01	(0.07)	ND	ND	ND	ND	ND	ND	ND	ND
Dalapon	mg/L	0.2	0.01	(0.79)	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloropropane (DBCP)	mg/L	0.0002	0.00001	(0.000017)	ND	ND	ND	ND	ND	ND	ND	ND
Di(2-ethylhexyl)adipate	mg/L	0.4	0.005	(0.2)	ND	ND	ND	ND	ND	ND	ND	ND
Di(2-ethylhexyl)phthalate (DEHP)	mg/L	0.004	0.003	(0.012)	ND	ND	ND	ND	ND	ND	ND	ND
Dinoseb	mg/L	0.007	0.002	(0.014)	ND	ND	ND	ND	ND	ND	ND	ND
Diquat	mg/L	0.02	0.004	(0.015)	ND	ND	ND	ND	ND	ND	ND	ND
Endothall	mg/L	0.1	0.045	(0.58)	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	mg/L	0.002	0.0001	(0.0018)	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene Dibromide (EDB)	mg/L	0.00005	0.00002	(0.00001)	ND	ND	ND	ND	ND	ND	ND	ND
Glyphosate	mg/L	0.7	0.025	(1)	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	mg/L	0.00001	0.00001	(0.000008)	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	mg/L	0.00001	0.00001	(0.000006)	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/L	0.001	0.0005	(0.00003)	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	mg/L	0.05	0.001	(0.05)	ND	ND	ND	ND	ND	ND	ND	ND
Lindane (gamma - BHC)	mg/L	0.0002	0.0002	(0.000032)	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	mg/L	0.03	0.01	(0.03)	ND	ND	ND	ND	ND	ND	ND	ND
Molinate	mg/L	0.02	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND
Oxamyl	mg/L	0.05	0.02	(0.05)	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	mg/L	0.001	0.0002	(0.0004)	ND	ND	ND	ND	ND	ND	ND	ND
Picloram	mg/L	0.5	0.001	(0.5)	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls (PCBs)	mg/L	0.0005	0.0005	0	ND	ND	ND	ND	ND	ND	ND	ND
Simazine	mg/L	0.004	0.001	(0.004)	ND	ND	ND	ND	ND	ND	ND	ND
Thiobencarb <sup>(5)</sup>	mg/L	0.07	0.001	(0.07)	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	mg/L	0.003	0.001	(0.00003)	ND	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-TCDD (Dioxin)	mg/L	3 x 10 <sup>-8</sup>	5 x 10 <sup>-9</sup>	0	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	mg/L	0.05	0.001	(0.025)	ND	ND	ND	ND	ND	ND	ND	ND

<sup>(5)</sup> Thiobencarb is listed in both the Primary (Organic Chemicals - SOCs) and Secondary standards.

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INORGANIC CHEMICALS <i>Section 64431 - Table A</i>	Units	STATE MCL	DLR	MCLG (PHG)	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
					1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	
Aluminum <sup>(6)</sup>	µg/L	1000	50	(600)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Antimony	µg/L	6	6	(20)	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
Arsenic	µg/L	10	2	(0.004)	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Asbestos	MFL	7	0.2	7	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Barium	µg/L	1000	100	(2000)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Beryllium	µg/L	4	1	(1)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium	µg/L	5	1	(0.07)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chromium	µg/L	50	10	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Cyanide	mg/L	0.15	0.1	(0.15)	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Fluoride (F) Natural-Source	mg/L	2.0	0.1	(1)	< 0.1	0.14	0.13	0.13	0.13	0.12	0.13	0.13
Mercury	µg/L	2	1	(1.2)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Nickel	µg/L	100	10	(12)	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Nitrate (as NO3)	mg/L	45	2	(45)	< 1	< 1	< 1	< 1	< 1	1.1	1.1	< 1
Nitrate + Nitrite (as N)	mg/L	10	0.4	(10)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Nitrite (as N)	mg/L	1	0.4	(1)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Selenium	µg/L	50	5	50	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Thallium	µg/L	2	1	(0.1)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

RADIOACTIVITY - <i>Section 64441</i> Gross Alpha (4 quarterly samples every 4 years)	Units	STATE MCL	DLR	MCLG (PHG)	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
<b>15-Mar-05</b>	pCi/L	15	3	0	0.05 ± 1.18	0.36 ± 0.53	0.07 ± 0.45	-0.22 ± 0.35	0.22 ± 1.16	-0.01 ± 0.42	-0.17 ± 0.73 <sup>(9)</sup>	-0.22 ± 0.35
<b>8-Jun-05</b>	pCi/L	15	3	0	-0.24 ± 0.47	0.06 ± 0.82	0.26 ± 0.87	-0.80 ± 0.43	-0.45 ± 0.53	-0.36 ± 0.53	-0.01 ± 0.62	-0.94 ± 0.35
<b>1-Sep-05</b>	pCi/L	15	3	0	0.329 ± 0.724	0.000 ± 0.403	3.49 ± 0.949	0.000 ± 0.574	0.000 ± 0.485	0.107 ± 0.647	0.0727 ± 0.607	0.000 ± 0.568
<b>5-Dec-05</b>	pCi/L	15	3	0	0.0706 ± 0.589	0.00 ± 0.48	0.00 ± 0.554	0.733 ± 0.778	0.00 ± 0.543	0.034 ± 0.572	0.319 ± 0.657	0.00 ± 0.538
<b>Next Sample</b>					Due 2009	Due 2009	Due 2009	Due 2009	Due 2009	Due 2009	Due 2009	Due 2009

<sup>(6)</sup> Aluminum is listed in both the Primary (Inorganic Chemicals) and Secondary standards.

<sup>(9)</sup> Sampled on Mar 22, 2005.

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SECONDARY STANDARDS <i>Section 64449 - Table A</i>	Units	Secondary MCL	DLR	MCLG (PHG)	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
					1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05
Aluminum <sup>(6)</sup>	µg/L	200	50	(600)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Color	Color Units	15			< 3	< 3	< 3	< 3	3	< 3	< 3	< 3
Copper <sup>(7)</sup>	µg/L	1300 <sup>(7)</sup>	50	(170)	9.8 <sup>(10)</sup>	9.3 <sup>(11)</sup>	2.2	< 2	< 2	< 2	< 2	< 2
Foaming Agents (MBAS)	mg/L	0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron	µg/L	300	100		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Manganese	µg/L	50	20		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Methyl tert-butyl ether (MTBE) <sup>(4)</sup>	mg/L	0.005	0.003	(0.013)	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Odor - Threshold	TON	3			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Silver	µg/L	100	10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thiobencarb <sup>(5)</sup>	mg/L	0.001	0.001	(0.07)	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Turbidity	NTU	5			0.15	0.10	< 0.1	0.11	0.12	0.21	0.15	< 0.1
Zinc	µg/L	5000	50		<10	<10	<10	<10	<10	<10	<10	<10

SECONDARY STANDARDS <i>Section 64449 - Table B</i>	Units	Recommended MCL	DLR	Upper MCL	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
					1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05
Total Dissolved Solids	mg/L	500		1000	150	140	120	130	120	160	150	130
Specific Conductance	µmhos/cm	900		1600	260	250	240	240	240	300	270	240
Chloride	mg/L	250		500	5.2	5.2	5.4	5.1	5.1	5.9	5.4	5.1
Sulfate	mg/L	250	0.5	500	13	13	12	12	12	16	14	12

ADDITIONAL CONSTITUENTS ANALYZED	Units	STATE MCL	DLR	MCLG (PHG)	Caisson 1	Caisson 2	Caisson 3	Caisson 4	Caisson 5	Production 1	Production 4	Production 7
					1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05	1-Sep-05
pH	pH				7.1	6.9	7.4	7.3	7.3	7.0	6.9	7.0
Total Hardness as CaCO <sub>3</sub>	mg/L				118	113	102	106	107	143	128	106
Calcium	mg/L				24	23	21	21	22	26	25	21
Magnesium	mg/L				14	13	12	13	13	19	16	13
Sodium	mg/L				7.8	7.9	8.5	8.5	7.7	8.0	8.1	7.7
Potassium	mg/L				< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Alkalinity as CaCO <sub>3</sub>	mg/L				120	120	100	110	110	130	130	100
Hydroxide as CaCO <sub>3</sub>	mg/L				< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbonate as CaCO <sub>3</sub>	mg/L				< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Bicarbonate as CaCO <sub>3</sub>	mg/L				120	120	100	110	110	130	130	100
Agressiveness Index					10.98	10.71	11.08	11.08	11.07	10.94	10.80	10.69
Lead <sup>(7)</sup>	µg/L	15 <sup>(7)</sup>	5	(2)	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Total Radon 222 ± Counting Error	pCi/L		100		142 ± 21	153 ± 22	126 ± 21	158 ± 22	118 ± 22	199 ± 22	158 ± 22	139 ± 21
N-Nitrosodimethylamine (NDMA) <sup>(8)</sup>	µg/L	0.01 <sup>(8)</sup>	0.002		< 0.002	< 0.002 <sup>(12)</sup>	< 0.002	< 0.002	< 0.002	< 0.002 <sup>(12)</sup>	< 0.002	< 0.002

<sup>(4)</sup> Methyl tert-butyl ether (MTBE) is listed in both the Primary (Organic Chemicals - VOCs) and Secondary standards.

<sup>(7)</sup> Notification Level under the Lead and Copper Rule.

<sup>(5)</sup> Thiobencarb is listed in both the Primary (Organic Chemicals - SOCs) and Secondary standards.

<sup>(8)</sup> Notification Level

<sup>(6)</sup> Aluminum is listed in both the Primary (Inorganic Chemicals) and Secondary standards.

<sup>(9)</sup> Sampled on Mar 22, 2005.

<sup>(10)</sup> Caisson 1 copper was sampled on 9/1/05 (12 ug/L), 12/5/05 (15 ug/L) and 12/30/05 (2.4 ug/L). Combined average equals 9.8 ug/L.

<sup>(11)</sup> Caisson 2 copper was sampled on 9/1/05 (14 ug/L) and 12/5/05 (4.6 ug/L). Combined average equals 9.3 ug/L.

<sup>(12)</sup> On 9/1/05, results for NDMA were 4.4 ug/L for C-2 and 13 ug/L for Prod. Well #1 which SCWA feels are false positives. They were resampled on 10/20/05 and were both <0.002 ug/L.

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**NOTES:**

MCL:	<u>Maximum Contaminant Level:</u> The highest level of a contaminant that is allowed in drinking water. MCLs are set close to the PHGs and MCLGs as is economically and technologically feasible. Blanks indicate that no numerical values have been established.		
DLR:	<u>Detection Limits for the Purposes of Reporting:</u> The designated minimum level at or above which any analytical finding of a contaminant in drinking water resulting from monitoring shall be reported. Blanks indicate that no numerical values have been established.		
MCLG:	<u>Maximum Contaminant Level Goal:</u> The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency. Blanks indicate that no numerical values have been established.		
PHG:	<u>Public Health Goal:</u> The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are determined by the Office of Environmental Health Hazard Assessment. Blanks indicate that no numerical values have been established.		
Notification Levels:	<u>Notification Levels:</u> Are health-based advisory levels established by DHS for chemicals in drinking water that lack Maximum Contamination Levels (MCL).		
Unregulated Contaminant:	<u>Unregulated Contaminant:</u> Constituents that do not have drinking water standards and have been determined by CDHS or EPA to warrant monitoring for occurrence data.		
µg/L:	Micrograms per liter (equals parts per billion)	TON:	Threshold Odor Number
mg/L:	Milligrams per liter (equals parts per million)	µmho/cm:	Micromhos per centimeter
pCi/L:	Picocuries per liter (a measure of radioactivity)	ND:	Non detected
NTU:	Nephelometric Turbidity Units	N/A:	Not available
MFL:	Million fibers per liter greater than 10 micrometers		
Production 1, 4, & 7:	Wells 1 through 7. Collectively referred to as the "Russian River Well Field". Chemical monitoring required on Wells 1, 4, & 7.		

**FOOTNOTES:**

- <sup>(1)</sup> Turbidity: Turbidity readings are collected approximately every 2.5 minutes. **Annual average** is the mean of the monthly average values, weighted by hours of pump operation each month. **Range** refers to the minimum and maximum Turbidity readings recorded by the online Turbidimeters at each site.
- <sup>(2)</sup> Total Trihalomethanes: 40 CFR Section 141.12 - Is the sum of the concentrations of Bromodichloromethane, Dibromochloromethane, Bromoform, and Chloroform.
- <sup>(3)</sup> MCL: Secondary Standard.
- <sup>(4)</sup> Methyl tert-butyl ether (MTBE) is listed in both the Primary (Organic Chemicals - VOCs) and Secondary standards.
- <sup>(5)</sup> Thiobencarb is listed in both the Primary (Organic Chemicals - SOCs) and Secondary standards.
- <sup>(6)</sup> Aluminum is listed in both the Primary (Inorganic Chemicals) and Secondary standards.
- <sup>(7)</sup> Notification Level under the Lead and Copper Rule.
- <sup>(8)</sup> Notification Level
- <sup>(9)</sup> Sampled on Mar 22, 2005.
- <sup>(10)</sup> Caisson 1 copper was sampled on 9/1/05 (12 ug/L), 12/5/05 (15 ug/L) and 12/30/05 (2.4 ug/L). Combined average equals 9.8 ug/L.
- <sup>(11)</sup> Caisson 2 copper was sampled on 9/1/05 (14 ug/L) and 12/5/05 (4.6 ug/L). Combined average equals 9.3 ug/L.
- <sup>(12)</sup> On 9/1/05, results for NDMA were 4.4 ug/L for C-2 and 13 ug/L for Prod. Well #1 which SCWA feels are false positives. They were resampled on 10/20/05 and were both <0.002 ug/L.