

Compliance Designs

CLIENT: Crystal Springs
1259 West Main Road
Middletown, RI 02842

DATE OF REPORT: Quarter 1, 2011
REPORT #: 040-720
LABORATORY ID#: 353078

NOTE: "**" indicates that maximum levels have been exceeded, or in the case of pH, is either too high or too low
"ND" indicates that none of this analyte has been detected at or above the specified detection level
"MCL" indicates maximum contaminant level as established by EPA and/or FDA or state
"RL" indicates laboratory reporting limit for method
Units results are reported in mg/L unless otherwise noted

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from Crystal Spring Source, 1 Gallon) 040-720 (mg/L)
Primary Inorganics			
Antimony	0.006	0.001	ND
Arsenic	0.01	0.002	ND
Asbestos	7 MFL	0.20	ND
Barium	2	0.01	ND
Beryllium	0.004	0.001	ND
Cadmium	0.005	0.0005	ND
Chromium	0.1	0.005	ND
Cyanide	0.2	0.025	ND
Fluoride	4	0.05	ND
Lead	0.015	0.0005	ND
Mercury	0.002	0.0002	ND
Nickel	0.1	0.005	ND
Nitrogen, Nitrate	10	0.1	1.6
Nitrogen, Nitrite	1.0	0.05	ND
Nitrogen - NO3/NO2 (NOX)	10	0.1	1.6
Selenium	0.05	0.005	ND
Thallium	0.002	0.001	ND
Secondary Inorganics			
Alkalinity	--	2	40
Aluminum	0.2	0.02	ND
Bicarbonate	--	2	48
Boron	--	0.05	ND
Bromide	--	0.005	0.1
Calcium	--	1	27
Carbonate	--	2	ND
Chloride	250	1	65
Copper	1	0.002	ND
Corrosivity	--	-14	-1.3
Foaming Agents	0.5	0.05	ND
Hardness, Calcium	--	5	67
Hardness, Total	--	3	86
Hydroxide	--	2	ND
Iron	0.3	0.02	ND
Magnesium	--	0.1	4.6
Manganese	0.05	0.002	ND
Orthophosphate	--	0.01	0.021
pH	6.5-8.5	0.1	7
Phenol	0.001	0.001	ND
Potassium	--	1	1.4
Silver	0.1	0.0005	ND
Sodium	--	1	31
Specific Conductance	-- umho/cm	2	350
Sulfate	250	0.5	19
TDS	500	10	200
Zinc	5	0.02	ND

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Physical			
Color	15 CU	3	ND
Odor	3 TON	1	ND
Turbidity	1-5 NTU	0.05	ND
Microbiological			
Total Coliform	Absence	1.1	ND
Standard Plate Count	-- cfu/mL	1	ND
E. Coli	Absence	1.1	ND
Radiologicals			
Gross Alpha	15 pCi/L	3	ND
Gross Beta	50 pCi/L	3	ND
Radium 226/228	5 pCi/L	0.502 / 0.953	ND / ND
Uranium	0.030	0.001	ND
Volatile Organic Compounds			
EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	ND
tert-Amyl Methyl Ether (TAME)	--	0.003	ND
tert-Butyl-Ethyl Ether (TBEE)	--	0.003	ND
Benzene	0.001	0.0005	ND
Bromobenzene	--	0.0005	ND
Bromochloromethane	--	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Bromomethane	--	0.0005	ND
n-Butylbenzene	--	0.0005	ND
sec-Butylbenzene	--	0.0005	ND
tert-Butylbenzene	--	0.0005	ND
Carbon Disulfide	--	0.0005	ND
Carbon Tetrachloride	0.005	0.0005	ND
Chlorobenzene	0.1	0.0005	ND
Chloroethane	--	0.0005	ND
Chloroform	--	0.0005	ND
Chloromethane	--	0.0005	ND
2-Chlorotoluene	--	0.0005	ND
4-Chlorotoluene	--	0.0005	ND
Dibromochloromethane	--	0.0005	ND
Dibromomethane	--	0.0005	ND
1,2-Dichlorobenzene	0.6	0.0005	ND
1,3-Dichlorobenzene	--	0.0005	ND
1,4-Dichlorobenzene	0.075	0.0005	ND
Dichlorodifluoromethane	--	0.0005	ND
1,1-Dichloroethane	--	0.0005	ND
1,2-Dichloroethane	0.005	0.0005	ND
1,1-Dichloroethene	0.007	0.0005	ND
cis-1,2-Dichloroethene	0.07	0.0005	ND
trans-1,2-Dichloroethene	0.1	0.0005	ND
1,2-Dichloropropane	0.005	0.0005	ND
1,3-Dichloropropane	--	0.0005	ND
2,2-Dichloropropane	--	0.0005	ND
1,1-Dichloropropene	--	0.0005	ND
cis-1,3-Dichloropropene	--	0.0005	ND
trans-1,3-Dichloropropene	--	0.0005	ND
Di-Isopropyl Ether	--	0.003	ND

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EPA 524.2 continued:			
Ethylbenzene	0.7	0.0005	ND
Hexachlorobutadiene	--	0.0005	ND
Isopropylbenzene	--	0.0005	ND
4-Isopropyltoluene	--	0.0005	ND
4-Methyl-2-Pentanone (MIBK)	--	0.005	ND
Methyl tert-Butyl Ether (MTBE)	--	0.0005	ND
Methyl Ethyl Ketone (MEK)	--	0.005	ND
Methylene Chloride	0.005	0.0005	ND
Naphthalene	--	0.0005	ND
n-Propylbenzene	--	0.0005	ND
Styrene	0.1	0.0005	ND
1,1,1,2-Tetrachloroethane	--	0.0005	ND
1,1,2,2-Tetrachloroethane	--	0.0005	ND
Tetrachloroethene	0.005	0.0005	ND
Toluene	1	0.0005	ND
1,2,3-Trichlorobenzene	--	0.0005	ND
1,2,4-Trichlorobenzene	0.07	0.0005	ND
1,1,1-Trichloroethane	0.2	0.0005	ND
1,1,2-Trichloroethane	0.005	0.0005	ND
Trichloroethene	0.005	0.0005	ND
Trichlorotrifluoroethane	--	0.0005	ND
1,2,3-Trichloropropane	--	0.0005	ND
1,2,4-Trimethylbenzene	--	0.0005	ND
1,3,5-Trimethylbenzene	--	0.0005	ND
Vinyl Chloride	0.002	0.0003	ND
m+p-Xylenes	--	0.0005	ND
ortho-Xylene	--	0.0005	ND
Total Xylene	10	0.001	ND
Add'l Organics			
EPA 551.1:			
Ethylene Dibromide	0.00002	0.00001	ND
Dibromochloropropane	0.0002	0.00001	ND
EPA 505:			
Alachlor	0.002	0.0001	ND
Aldrin	--	0.00001	ND
Chlordane (alpha and gamma)	0.002	0.0001	ND
Dieldrin	--	0.00001	ND
Endrin	0.002	0.00001	ND
Heptachlor	0.0004	0.00001	ND
Heptachlor Epoxide	0.0002	0.00001	ND
Lindane	0.0002	0.00001	ND
Methoxychlor	0.04	0.00005	ND
Total PCBs	0.0005	0.0001	ND
PCB 1016	--	0.00008	ND
PCB 1221	--	0.0001	ND
PCB 1232	--	0.0001	ND
PCB 1242	--	0.0001	ND
PCB 1248	--	0.0001	ND
PCB 1254	--	0.0001	ND
PCB 1260	--	0.0001	ND
Toxaphene	0.003	0.0005	ND

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EPA 515.4:			
Acifluorfen	--	0.0002	ND
Bentazon	0.02	0.0005	ND
2,4-D	0.07	0.0001	ND
2,4-DB	--	0.002	ND
Dalapon	0.2	0.001	ND
DCPA (total Mono & Di acid degradate)	--	0.0001	ND
Dicamba	--	0.0001	ND
3,5-Dichlorobenzoic Acid	--	0.0005	ND
Dichloroprop	--	0.0005	ND
Dinoseb	0.007	0.0002	ND
Pentachlorophenol	0.001	0.00004	ND
Picloram	0.5	0.0001	ND
2,4,5-T	--	0.0002	ND
2,4,5-TP (Silvex)	0.05	0.0002	ND
EPA 525.2:			
Acenaphthene	--	0.0001	ND
Acenaphthylene	--	0.0001	ND
Acetochlor	--	0.0001	ND
Aldrin	--	0.00005	ND
Alpha-BHC	--	0.0001	ND
Anthracene	--	0.00002	ND
Atrazine	0.003	0.00005	ND
Benz(a)Anthracene	--	0.00005	ND
Benzo(a)Pyrene	0.0002	0.00002	ND
Benzo(b)Fluoranthene	--	0.00002	ND
Benzo(g,h,i)Perylene	--	0.00005	ND
Benzo(k)Fluoranthene	--	0.00002	ND
Beta-BHC	--	0.0001	ND
Bromacil	--	0.0002	ND
Butylbenzylphthalate	--	0.0005	ND
Butachlor	--	0.00005	ND
Caffeine	--	0.00005	ND
Chlordane (alpha)	0.002	0.00005	ND
Chlordane (gamma)	0.002	0.00005	ND
Chlorobenzilate	--	0.0001	ND
Chloroneb	--	0.0001	ND
Chlorothalonil	--	0.0001	ND
Chlorpyrifos	--	0.00005	ND
Chrysene	--	0.00002	ND
Delta-BHC	--	0.0001	ND
4,4-DDD	--	0.0001	ND
4,4-DDE	--	0.0001	ND
4,4-DDT	--	0.0001	ND
Diazinon (Qualitative)	--	0.0001	ND
Dichlorvos (DDVP)	--	0.00005	ND
Dieldrin	--	0.0002	ND
Di(2-ethylhexyl)Adipate	0.4	0.0006	ND
Dibenz(a,h)Anthracene	--	0.00005	ND
Di(2-ethylhexyl)Phthalate	0.006	0.0006	ND
Diethylphthalate	--	0.0005	ND
Dimethoate	--	0.0001	ND
Dimethylphthalate	--	0.0005	ND
Di-n-Butylphthalate	--	0.001	ND
Di-n-Octylphthalate	--	0.0001	ND

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EPA 525.2 continued:			
2,4-Dinitrotoluene	--	0.0001	ND
2,6-Dinitrotoluene	--	0.0001	ND
Endosulfan I (Alpha)	--	0.0001	ND
Endosulfan II (Beta)	--	0.0001	ND
Endosulfan Sulfate	--	0.0001	ND
Endrin Aldehyde	--	0.0001	ND
EPTC	--	0.0001	ND
Fluoranthene	--	0.0001	ND
Fluorene	--	0.00005	ND
Heptachlor	0.0004	0.00003	ND
Hexachlorobenzene	0.001	0.00005	ND
Hexachlorocyclopentadiene	0.05	0.00005	ND
Indeno(1,2,3-cd)Pyrene	--	0.00005	ND
Isophorone	--	0.0005	ND
Malathion	--	0.0001	ND
Metolachlor	--	0.00005	ND
Metribuzin	--	0.00005	ND
Molinate	--	0.0001	ND
Naphthalene	--	0.0003	ND
trans-Nonachlor	--	0.00005	ND
Parathion	0.001	0.0001	ND
Pendimethalin	--	0.0001	ND
Pentachlorophenol	0.001	0.001	ND
Permethrin	--	0.0001	ND
Phenanthrene	--	0.00004	ND
Propachlor	--	0.00005	ND
Pyrene	--	0.00005	ND
Simazine	0.004	0.00005	ND
Terbacil	--	0.0001	ND
Terbutylazine	--	0.0001	ND
Thiobencarb	--	0.0002	ND
Trifluralin	--	0.0001	ND
EPA 531.2:			
Aldicarb (TEMIK)	0.007	0.0005	ND
Aldicarb sulfone	0.007	0.0005	ND
Aldicarb sulfoxide	0.007	0.0005	ND
Baygon (PROPOXUR)	--	0.0005	ND
Carbaryl	--	0.0005	ND
Carbofuran (FURADAN)	0.04	0.0005	ND
3-Hydroxycarbofuran	--	0.0005	ND
Methiocarb	--	0.0005	ND
Methomyl	--	0.0005	ND
Oxamyl (VYDATE)	0.2	0.0005	ND
EPA 547:			
Glyphosate	0.7	0.006	ND

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EPA 548.1: Endothall	0.1	0.005	ND
EPA 549.2: Diquat Paraquat	0.02 --	0.0004 0.002	ND ND
EPA 1613: 2,3,7,8-TCDD (DIOXIN)	3x10 ⁻⁸	5.0x10 ⁻⁹	ND
Disinfection Byproducts EPA 317: Bromate EPA 300.1: Chlorite	0.010 1.0	0.005 0.01	ND ND
EPA 6251B: Bromochloroacetic acid Dibromoacetic acid Dichloroacetic acid Monobromoacetic acid Monochloroacetic acid Trichloroacetic acid Haloacetic Acids, Total	-- -- -- -- -- -- 0.060	0.001 0.001 0.001 0.001 0.002 0.001 0.002	ND ND ND ND ND ND ND
EPA 524.2: Total Trihalomethanes Bromodichloromethane Bromoform Chloroform Dibromochloromethane	0.080 -- -- -- --	0.0005 0.0005 0.0005 0.0005 0.0005	ND ND ND ND ND
Residual Disinfectants SM4500-CL D: Residual Chlorine, Free Residual Chlorine, Total Chloramines	-- 4.0 4.0	0.1 0.1 0.1	ND ND ND
SM4500-CIO2-D: Chlorine Dioxide	0.8	0.24	ND

EPA approved methods were used in all of the analyses and a listing is available upon request. These test results may be used for compliance purposes as required.