

## Diamond Springs Water Quality Report

### ***Inorganic Analysis***

ND=Not Detected

<b>Product</b>	<b>VA Spring Water</b>	<b>NC Spring Water</b>	<b>Distilled Water</b>	<b>Detection Limit</b>	<b>FDA Quality Standard</b>
Aluminum	0.04	ND	ND	0.01	0.2
Antimony	ND	ND	ND	0.0006	0.006
Arsenic	ND	ND	ND	0.002	0.05
Bromate	ND	ND	ND	0.005	0.01
Barium	0.08	ND	ND	0.05	2
Beryllium	ND	ND	ND	0.0005	0.004
Cadmium	ND	ND	ND	0.0003	0.005
Chloride	8.4	1.1	ND	250	250
Chlorine, total residue	ND	ND	ND	0.1	4
Chromium	ND	ND	ND	0.05	0.1
Color	ND	ND	ND	15 units	15* units
Copper	ND	ND	ND	1	1
Cyanide, total	ND	ND	ND	0.2	0.2
Fluoride	ND	ND	ND	4	4
Iron	ND	ND	ND	0.3	0.3
Lead	ND	ND	ND	0.003	0.005
Manganese	0.015	0.011	ND	0.05	0.05
Mercury	ND	ND	ND	0.002	0.002
Nickel	0.001	ND	ND	0.1	0.1
Nitrate	2	0.52	less than .05	10	10
Nitrite	ND	ND	ND	0.02	1
Odor	ND	ND	ND	1 T.O.N.	3 T.O.N.
pH	6.57	4.7	5.91	.01su	N/A
Selenium	ND	ND	ND	0.004	0.05
Silver	ND	ND	ND	0.1	0.1
Sulfate	0.7	ND	ND	250	250
Surfactants	ND	ND	ND	0.2	0.5
Thallium	ND	ND	ND	0.0002	0.002
Turbidity	0.4	ND	0.05	0.1 ntu	5*ntu
Zinc	ND	ND	ND	0.01	5

### ***Organic Analysis***

*Volatile Organic Chemicals (VOCs)*

ND= Not Detected

<b>Product</b>	<b>VA Spring Water</b>	<b>NC Spring Water</b>	<b>Distilled Water</b>	<b>Detection Limit</b>	<b>FDA Quality Standard</b>
1,1,1- Trichloroethane	ND	ND	ND	0.0005	0.2
1,1,2- Trichloroethane	ND	ND	ND	0.0005	0.005
1,1- Dichloroethane	ND	ND	ND	0.0005	0.005

1,1- Dichloroethylene	ND	ND	ND	0.0005	0.007
1,2- Dichloroethane	ND	ND	ND	0.0005	0.005
1,2- Dichloropropane	ND	ND	ND	0.0005	0.005
1,2,4- Trichlorobenzene	ND	ND	ND	0.0005	0.07
1,2- Dichlorobenzene	ND	ND	ND	0.0005	0.6
1,4- Dichlorobenzene	ND	ND	ND	0.0005	0.075
Benzene	ND	ND	ND	0.0005	0.005
Bromodichloromethane	ND	ND	ND	0.0005	(6.00)
Bromoform	ND	ND	ND	0.0005	(6.00)
Carbon tetrachloride	ND	ND	ND	0.0005	0.005
Chlorodibromomethane	ND	ND	ND	0.0005	(6.00)
Chloroform	ND	ND	ND	0.0005	(6.00)
cis-1,2 Dichloroethylene	ND	ND	ND	0.0005	0.07
Ethylbenzene	ND	ND	ND	0.0005	0.7
Methylene chloride	ND	ND	ND	0.0005	0.005
Styrene	ND	ND	ND	0.0005	0.1
Tetrachloroethylene	ND	ND	ND	0.0007	0.005
Toluene	ND	ND	ND	0.002	1
Total trihalomethanes	ND	ND	ND	0.0005	0.08
trans-1,2-Dichloroethylene	ND	ND	ND	0.0005	0.1
Trichloroethylene	ND	ND	ND	0.0005	0.005
Vinyl chloride	ND	ND	ND	0.0005	0.002
Xylene (total)	ND	ND	ND	0.006	10

***Semivolatile Organic Chemicals***

<b>Product</b>	<b>VA Spring Water</b>	<b>NC Spring Water</b>	<b>Distilled Water</b>	<b>Detection Limit</b>	<b>FDA Quality Standard</b>
Benzo(a)pyrene	ND	ND	ND	0.00005	0.0002
Di(2-ethylhexyl)adipate	ND	ND	ND	0.002	0.4
Di(ethylhexyl)phthalate	ND	ND	ND	0.002	NA
Hexachlorobenzene	ND	ND	ND	0.0001	0.001
Hexachlorocyclopentadiene	ND	ND	ND	0.0001	0.05
Total recoverable phenolics	ND	ND	ND	0.0005	0.001

***Pesticides, PCBs, and Synthetic Organic Chemicals (SOCs)***

<b>Product</b>	<b>VA Spring Water</b>	<b>NC Spring Water</b>	<b>Distilled Water</b>	<b>Detection Limit</b>	<b>FDA Quality Standard</b>
Lindane	ND	ND	ND	0.0002	0.0002
Endrin	ND	ND	ND	0.002	0.2
Methoxychlor	ND	ND	ND	0.004	0.04
Toxaphene	ND	ND	ND	0.001	0.003
2,4-D	ND	ND	ND	0.07	0.07
2,4,5 TP (Silvex)	ND	ND	ND	0.05	0.05
Chlordane	ND	ND	ND	0.0002	0.002
Alachlor	ND	ND	ND	0.0001	0.002
Atrazine	ND	ND	ND	0.002	0.003
Carbofuran	ND	ND	ND	0.001	0.04

Dalapon	ND	ND	ND	0.001	0.2
Dibromochloropropane (DBCP)	ND	ND	ND	0.0002	0.0002
Dinoseb	ND	ND	ND	0.0002	0.007
Dioxin (2,3,7,8-TCDD)	ND	ND	ND	1x10-8	3x10-8
Diquat	ND	ND	ND	0.005	0.02
Endothall	ND	ND	ND	0.05	0.1
Ethylene dibromide (EDB)	ND	ND	ND	0.00001	0.00005
Glyphosate	ND	ND	ND	0.006	0.7
Heptachlor	ND	ND	ND	0.0005	0.0004
Heptachlor epoxide	ND	ND	ND	0.00005	0.0002
Oxamyl (vydate)	ND	ND	ND	0.001	0.2
Pentachlorophenol	ND	ND	ND	0.00004	0.001
Picloram	ND	ND	ND	0.001	0.5
Polychlorinated biphenyls	ND	ND	ND	0.0001	0.0005
Simazine	ND	ND	ND	0.0002	0.004

**Radioactivity Analysis**

Product	VA Spring Water	NC Spring Water	Distilled Water	Detection Limit	FDA Quality Standard
Gross Alpha	ND	ND	ND	3pCi/L	15pCi/L
Gross Beta	ND	ND	ND	4pCi/L	50pCi/L
Radium	ND	ND	ND	1	5pCi/L
Uranium	ND	ND	ND	0.001	0.03

**Microbiological Analysis**

Product	VA Spring Water	NC Spring Water	Distilled Water	Detection Limit	FDA Quality Standard
Total Coliform	ND	ND	ND	Presence	ND
Heterotrophic Plate Count	ND	ND	ND	1CFU/ml	No Standard
Cryptosporidium parvum	ND	ND	ND	Presence	No Standard
Giardia lamblia	ND	ND	ND	Presence	No Standard

\* Secondary inorganics are classified by the USEPA as Secondary Drinking Water Contaminants, i.e., aesthetic, non-health-related, and non-regulatory.

\* The fluoride content of our fluoridated water is equal to 1mg per 1 Liter of water. The FDA standards for the fluoride content follows: .8 - 1.7mg per 1 Liter of water.