



Essential Indicators Water Test Report

Order number: D4058	Source: UltraPure water
Lab number: A6790	Date Collected: 12/14/2022
Name: Le Bleu Enterprises	
Address: 621 N Regional Rd	
City, State, Zip: Greensboro, NC 27409	

ESSENTIAL ELEMENTS AND HEAVY METALS

Parameter	MCL (mg/L)	MRL (mg/L)	Result (mg/L)
Aluminum	0.2	0.05	nd
Antimony	0.006	0.002	nd
Arsenic	0.01	0.002	nd
Barium	0.05	0.002	nd
Beryllium	0.004	0.001	nd
Boron		0.05	nd
Calcium		0.05	nd
Cadmium	0.005	0.001	nd
Carbon		0.05	nd
Cerium		0.005	nd
Cesium		0.005	nd
Total Chromium	0.1	0.01	nd
Cobalt		0.02	nd
Copper	0.1	0.01	nd
Ferric Iron		0.03	nd
Ferrous Iron		0.03	nd
Total Iron	0.3	0.03	nd
Lead	0.01	0.002	nd
Lithium		0.002	nd
Magnesium		0.1	nd
Manganese	0.05	0.005	nd
Mercury	0.002	0.0001	nd
Nickel	0.1	0.01	nd
Phosphorus		0.05	nd
Potassium		0.01	nd
Selenium	0.05	0.002	nd
Silicon		0.5	nd
Silver	0.1	0.005	nd

ESSENTIAL ELEMENTS AND HEAVY METALS (CONT'D)

Parameter	MCL (mg/L)	MRL (mg/L)	Result (mg/L)
Sodium	50	0.1	nd
Sulfur		0.5	nd
Thorium		0.05	nd
Tin		0.1	nd
Titanium		0.01	nd
Uranium		0.02	nd
Zinc		0.01	nd

INORGANICS

Parameter	MCL (mg/L)	MRL (mg/L)	Result (mg/L)
Alkalinity		0.25	80
Ammonia		0.2	nd
Carbonate		N/A	nd
Bromide		0.1	nd
Chloride	150	0.200	nd
Color (units in CU)	15	1	1
Conductivity (units in μ mhos)		N/A	1
Corrosivity, Langelier Saturation Index		N/A	-1.48
Fluoride		0.2	nd
Total Hardness (CaCO ₃)	100	0.25	nd
Total Hardness (Grains)		N/A	nd
Nitrate	0.9	0.3	nd
Nitrite	0.8	0.2	nd
pH	6.5-8.5	N/A	6.72
Salinity		N/A	nd
Sulfate		0.5	nd
Tannins		0.5	nd
Total Dissolved Solids (TDS)	12	10	nd
Turbidity (units in NTU)		0.1	nd

VOLATILE ORGANIC COMPOUNDS (VOC)

Parameter	MCL (μ g/L)	MRL (μ g/L)	Result (μ g/L)
¹ Chloroform (THM)		0.50	nd
¹ Bromodichloromethane (THM)		0.50	nd
¹ Dibromochloromethane (THM)		0.50	nd
¹ Bromoform (THM)		0.50	nd
¹ Total Trihalomethanes (THM)		N/A	nd

VOLATILE ORGANIC COMPOUNDS (VOC) (CONT'D)

Parameter	MCL (µg/L)	MRL (µg/L)	Result (µg/L)
Acetone		0.50	nd
Acrylonitrile		0.50	nd
Allyl Chloride		0.50	nd
2-Butanone		0.50	nd
Carbon Disulfide		0.50	nd
Chloroacetonitrile		0.50	nd
Trans-1,2-Dichloroethene		0.50	nd
1,1-Dichloropropanone		0.50	nd
Diethyl Ether		0.50	nd
Ethyl Methacrylate		0.50	nd
Hexachloroethane		0.50	nd
2-Hexanone		0.50	nd
Methacrylonitrile		0.50	nd
Methylacrylate		0.50	nd
Methyliodide		0.50	nd
Methylmethacrylate		0.50	nd
4-Methyl-2-Pentanone		0.50	nd
Nitrobenzene		0.50	nd
2-Nitropropane		0.50	nd
Pentachloroethane		0.50	nd
Propionitrile		0.50	nd
Tetrahydrofuran		0.50	nd
1-Chlorobutane		0.50	nd
Chloromethane		0.50	nd
Vinyl Chloride		0.50	nd
Dichloroflouromethane		0.50	nd
Chloroethane		0.50	nd
Trichlorofluoromethane		0.50	nd
Bromomethane		0.50	nd
1,1 Dichloroethane		0.50	nd
1,1 Dichloroethene		0.50	nd
Methylene Chloride		0.50	nd
trans-1,2-Dichloroethene		0.50	nd
2,2 Dichloropropane		0.50	nd
cis-1,2 Dichloroethene		0.50	nd
1,1 Dichloropropene		0.50	nd
Bromochloromethane		0.50	nd
1,1, 1 Trichloroethane		0.50	nd
1,2 Dichloroethane		0.50	nd
Carbon Tetrachloride		0.50	nd
Benzene (BTEX)		0.50	nd

VOLATILE ORGANIC COMPOUNDS (VOC) (CONT'D)

Parameter	MCL (µg/L)	MRL (µg/L)	Result (µg/L)
Trichloroethylene		0.50	nd
1,2 Dichloropropane		0.50	nd
Toluene		0.50	nd
Dibromomethane		0.50	nd
cis-1,3 Dichloropropene		0.50	nd
Tetrachloroethylene		0.50	nd
trans-1,3 Dichloropropene		0.50	nd
1,1,2 Trichloroethane		0.50	nd
1,2 Dibromomethane		0.50	nd
1,3 Dichloropropane		0.50	nd
1,1,1,2 Tetrachloroethane		0.50	nd
Chlorobenzene		0.50	nd
Ethylbenzene		0.50	nd
o-Xylene		0.50	nd
m,p-Xylene (BTEX)		0.50	nd
Isopropylbenzene		0.50	nd
Styrene		0.50	nd
Methyl Tertiary Butyl Ether (MTBE)		0.50	nd
1,2,3 Trichloropropane		0.50	nd
1,1,2,2 Tetrachloroethane		0.50	nd
1,3,5 Trimethylbenzene		0.50	nd
n-Propylbenzene		0.50	nd
Bromobenzene		0.50	nd
tert-Butylbenzene		0.50	nd
Chlorotoluene-2		0.50	nd
Chlorotoluene-4		0.50	nd
1,2,4 Trimethylbenzene		0.50	nd
sec-Butylbenzene		0.50	nd
n-Butylbenzene		0.50	nd
1,3 Dichlorobenzene		0.50	nd
1,4 Dichlorobenzene		0.50	nd
p-Isopropyltoluene		0.50	nd
1,2,4 Trichlorobenzene		0.50	nd
1,2 Dichlorobenzene		0.50	nd
1,2 Dibromo-3-Chloropropane		0.50	nd
Hexachlorobutadiene		0.50	nd
1,2,3 Trichlorobenzene		0.50	nd
Naphthalene		0.50	nd
Total Xylenes	0	0.50	nd



VOLATILE ORGANIC COMPOUNDS (VOC) (CONT'D)

Parameter	MCL (µg/L)	MRL (µg/L)	Result (µg/L)
PFOA	15	.01	nd
PFOS	15	.01	nd

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Project: **Shaw AFB****Analytical Results**

Client Sample Description 1, 2 **Collected:** 1/31/2020 **Lab ID:** C12001122-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
LC/MS/MS						
EPA 537	PFNA	ND	3.9	ng/L	2/3/2020 OM	02/03/20 15:19 OM
Perfluoronanoic acid (PFNA) MDL: 0.60 ng/L						
EPA 537	PFOS	ND	3.9	ng/L	2/3/2020 OM	02/03/20 15:19 OM
Perfluorooctanesulfonic acid (PFOS) MDL: 0.54 ng/L						
EPA 537	PFOA	ND	3.9	ng/L	2/3/2020 OM	02/03/20 15:19 OM
Perfluorooctanoic acid (PFOA) MDL: 1.1 ng/L						

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results