

2810 Clark Avenue • St. Louis, MO 63103-2574 • (314) 531-8080 • FAX (314) 531-8085
 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 1 of 8

AQUACOMP
 P.O. Box 897
 St. Charles, MO 63302

Attention: Rick Colclasure

REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO. 1 - 1ST FLOOR BREAKROOM, 05/09/16

Units: milligrams per liter (mg/L) **ANION SCAN**

ANALYTE	SAMPLE NO.1	EPA LIMIT	DATE OF ANALYSIS	ANALYST
Fluoride	< 1.0	4.0 2.0*	05/10/16	D. Dillard
Chloride	22.0	250*	05/10/16	D. Dillard
Nitrite-N	< 0.5	1.0	05/10/16	D. Dillard
Nitrate-N	2.5	10	05/10/16	D. Dillard
Total Nitrate/Nitrite -N	2.5	10	05/10/16	D. Dillard
Sulfate (SO ₄)	107	250*	05/10/16	D. Dillard
Orthophosphate (PO ₄)	< 5.0	N/A	05/10/16	D. Dillard

Test Method: EPA 300.0 (IC)

NA- Not Applicable

* Secondary Contaminant - Unenforceable Federal Recommended Guideline

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May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 2 of 8

AQUACOMP
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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO. 2 - 2ND FLOOR BREAKROOM, 05/09/16

Units: milligrams per liter (mg/L) **ANION SCAN**

ANALYTE	SAMPLE NO.2	EPA LIMIT	DATE OF ANALYSIS	ANALYST
Fluoride	< 1.0	4.0 2.0*	05/10/16	D. Dillard
Chloride	18.7	250*	05/10/16	D. Dillard
Nitrite-N	< 0.5	1.0	05/10/16	D. Dillard
Nitrate-N	3.0	10	05/10/16	D. Dillard
Total Nitrate/Nitrite -N	3.0	10	05/10/16	D. Dillard
Sulfate (SO ₄)	94.1	250*	05/10/16	D. Dillard
Orthophosphate (PO ₄)	< 5.0	N/A	05/10/16	D. Dillard

Test Method: EPA 300.0 (IC)

NA- Not Applicable

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May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 3 of 8

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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO 3 - 1ST FLOOR DRINKING FOUNTAIN, 05/09/16

Units: milligrams per liter (mg/L) **ANION SCAN**

ANALYTE	SAMPLE NO.3	EPA LIMIT	DATE OF ANALYSIS	ANALYST
Fluoride	< 1.0	4.0 2.0*	05/10/16	D. Dillard
Chloride	20.1	250*	05/10/16	D. Dillard
Nitrite-N	< 0.5	1.0	05/10/16	D. Dillard
Nitrate-N	3.2	10	05/10/16	D. Dillard
Total Nitrate/Nitrite -N	3.2	10	05/10/16	D. Dillard
Sulfate (SO ₄)	96.1	250*	05/10/16	D. Dillard
Orthophosphate (PO ₄)	< 5.0	N/A	05/10/16	D. Dillard

Test Method: EPA 300.0 (IC)

NA- Not Applicable

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May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 4 of 8

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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO.4 – 2ND FLOOR DRINKING FOUNTAIN, 05/09/16

Units: milligrams per liter (mg/L) **ANION SCAN**

ANALYTE	SAMPLE NO.4	EPA LIMIT	DATE OF ANALYSIS	ANALYST
Fluoride	< 1.0	4.0 2.0*	05/10/16	D. Dillard
Chloride	24.8	250*	05/10/16	D. Dillard
Nitrite-N	< 0.5	1.0	05/10/16	D. Dillard
Nitrate-N	3.2	10	05/10/16	D. Dillard
Total Nitrate/Nitrite -N	3.2	10	05/10/16	D. Dillard
Sulfate (SO ₄)	110	250*	05/10/16	D. Dillard
Orthophosphate (PO ₄)	< 5.0	N/A	05/10/16	D. Dillard

Test Method: EPA 300.0 (IC)

NA- Not Applicable

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May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 5 of 8

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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO. 1 - 1ST FLOOR BREAKROOM, 05/09/16

Units: milligrams per liter (mg/L) **ICP SCAN**

ANALYTE	SAMPLE NO.1	EPA LIMIT	ANALYTE	SAMPLE NO.1	EPA LIMIT
Silver	< 0.005	0.10*	Sodium	37.0	NA
Aluminum	< 0.05	0.20*	Niobium	< 0.005	NA
Arsenic	< 0.005	0.01	Nickel	0.005	0.10
Boron	0.056	NA	Lead	< 0.005	0.015**
Barium	0.022	2	Antimony	< 0.005	0.006
Beryllium	< 0.004	0.004	Selenium	< 0.005	0.05
Calcium	24.6	NA	Silicon	3.44	NA
Cadmium	< 0.005	0.005	Tin	< 0.005	NA
Cobalt	< 0.005	NA	Strontium	0.19	NA
Chromium	0.005	0.10	Tantalum	< 0.005	NA
Copper	0.06	1.3**	Titanium	< 0.005	NA
Iron	0.08	0.3*	Vanadium	< 0.005	NA
Potassium	5.78	NA	Zinc	0.07	5.0*
Magnesium	10.9	NA	Zirconium	< 0.005	NA
Manganese	< 0.005	0.05*	Lithium	0.019	NA
Molybdenum	< 0.005	NA	Phosphorus	0.19	NA
Mercury	< 0.001	0.002			

Test Method: EPA 200.7
 Test Method: EPA 200.8

Date of Analysis: 05/10/16
 Date of Analysis: 05/10/16

Analyst: H. Blake
 Analyst: G. Fogelman

NA- Not Applicable
 * Secondary Contaminant-Unenforceable Federal Guideline
 ** Action Level



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May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 6 of 8

AQUACOMP
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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO. 2 -2ND FLOOR BREAKROOM, 05/09/16

Units: milligrams per liter (mg/L) **ICP SCAN**

ANALYTE	SAMPLE NO.2	EPA LIMIT	ANALYTE	SAMPLE NO.2	EPA LIMIT
Silver	< 0.005	0.10*	Sodium	27.2	NA
Aluminum	< 0.05	0.20*	Niobium	< 0.005	NA
Arsenic	< 0.005	0.01	Nickel	< 0.005	0.10
Boron	0.047	NA	Lead	< 0.005	0.015**
Barium	0.023	2	Antimony	< 0.005	0.006
Beryllium	< 0.004	0.004	Selenium	< 0.005	0.05
Calcium	24.6	NA	Silicon	3.21	NA
Cadmium	< 0.005	0.005	Tin	< 0.005	NA
Cobalt	< 0.005	NA	Strontium	0.18	NA
Chromium	0.005	0.10	Tantalum	< 0.005	NA
Copper	0.08	1.3**	Titanium	< 0.005	NA
Iron	0.08	0.3*	Vanadium	< 0.005	NA
Potassium	5.38	NA	Zinc	< 0.05	5.0*
Magnesium	9.31	NA	Zirconium	< 0.005	NA
Manganese	< 0.005	0.05*	Lithium	0.015	NA
Molybdenum	< 0.005	NA	Phosphorus	0.24	NA
Mercury	< 0.001	0.002			

Test Method: EPA 200.7
 Test Method: EPA 200.8

Date of Analysis: 05/10/16
 Date of Analysis: 05/10/16

Analyst: H. Blake
 Analyst: G. Fogelman

NA- Not Applicable
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May 10, 2016
 Lab No. 16E-0964
 Invoice No. 214226
 Page 7 of 8

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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO. 3 –1ST FLOOR DRINKING FOUNTAIN, 05/09/16

Units: milligrams per liter (mg/L) **ICP SCAN**

ANALYTE	SAMPLE NO.3	EPA LIMIT	ANALYTE	SAMPLE NO.3	EPA LIMIT
Silver	< 0.005	0.10*	Sodium	37.3	NA
Aluminum	< 0.05	0.20*	Niobium	< 0.005	NA
Arsenic	< 0.005	0.01	Nickel	< 0.005	0.10
Boron	0.075	NA	Lead	< 0.005	0.015**
Barium	0.019	2	Antimony	< 0.005	0.006
Beryllium	< 0.004	0.004	Selenium	< 0.005	0.05
Calcium	25.3	NA	Silicon	3.63	NA
Cadmium	< 0.005	0.005	Tin	< 0.005	NA
Cobalt	< 0.005	NA	Strontium	0.20	NA
Chromium	0.006	0.10	Tantalum	< 0.005	NA
Copper	0.06	1.3**	Titanium	< 0.005	NA
Iron	0.10	0.3*	Vanadium	< 0.005	NA
Potassium	6.04	NA	Zinc	0.08	5.0*
Magnesium	11.0	NA	Zirconium	< 0.005	NA
Manganese	< 0.005	0.05*	Lithium	0.018	NA
Molybdenum	< 0.005	NA	Phosphorus	0.17	NA
Mercury	< 0.001	0.002			

Test Method: EPA 200.7
 Test Method: EPA 200.8

Date of Analysis: 05/10/16
 Date of Analysis: 05/10/16

Analyst: H. Blake
 Analyst: G. Fogelman

NA- Not Applicable

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May 10, 2016
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 Invoice No. 214226
 Page 8 of 8

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REPORT OF ANALYSIS

SAMPLE ID: WATER SAMPLE NO. 4 -2ND FLOOR DRINKING FOUNTAIN, 05/09/16

Units: milligrams per liter (mg/L) ICP SCAN

ANALYTE	SAMPLE NO.4	EPA LIMIT	ANALYTE	SAMPLE NO.4	EPA LIMIT
Silver	< 0.005	0.10*	Sodium	31.6	NA
Aluminum	< 0.05	0.20*	Niobium	< 0.005	NA
Arsenic	< 0.005	0.01	Nickel	< 0.005	0.10
Boron	0.073	NA	Lead	< 0.005	0.015**
Barium	0.019	2	Antimony	< 0.005	0.006
Beryllium	< 0.004	0.004	Selenium	< 0.005	0.05
Calcium	26.3	NA	Silicon	3.67	NA
Cadmium	< 0.005	0.005	Tin	< 0.005	NA
Cobalt	< 0.005	NA	Strontium	0.20	NA
Chromium	0.005	0.10	Tantalum	< 0.005	NA
Copper	0.05	1.3**	Titanium	< 0.005	NA
Iron	0.08	0.3*	Vanadium	< 0.005	NA
Potassium	5.65	NA	Zinc	0.06	5.0*
Magnesium	10.1	NA	Zirconium	< 0.005	NA
Manganese	< 0.005	0.05*	Lithium	0.015	NA
Molybdenum	< 0.005	NA	Phosphorus	0.20	NA
Mercury	< 0.001	0.002			

Test Method: EPA 200.7
 Test Method: EPA 200.8

Date of Analysis: 05/10/16
 Date of Analysis: 05/10/16

Analyst: H. Blake
 Analyst: G. Fogelman

NA- Not Applicable

* Secondary Contaminant-Unenforceable Federal Guideline

** Action Level

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SR/ss

Steve Root, Manager
 Environmental Testing

