

# **Water Analysis Report**

Customer #: 652164

CITIZENS OF THE WORLD CHARTER

SCHOOLS

3435 BROADWAY BLVD KANSAS CITY, MO 64111 US Issue Date: 2/17/2023

Sales Rep Name: LOVDAHL, Mr. GERALD LANCE (JERRY)

Rep Number: USCA9C99

Sample Number:	AE24186	AE24187	AE24188	AE24189
Date Collected:	02/06/2023	02/06/2023	02/06/2023	02/06/2023
Date Received:	02/09/2023	02/09/2023	02/09/2023	02/09/2023
Description:	Raw Water	Raw Water	Raw Water	Raw Water
Location:	Nurses Sink	Basement Water	Kitchen Sink	1st Floor Water
		Fountain		Fountain

### Product:

Conductivity us/cm 577 682 618 616   pH 9.17 9.30 9.38 9.24   Total Hardness as CaCO3 ppm 104 103 106 109   Calcium as CaCO3 ppm 89 88 90 92   Magnesium as CaCO3 ppm 15 15 16 17   P-Alkalinity as CaCO3 ppm 7 8 10 8   M-Alkalinity as CaCO3 ppm 34 34 36 37   Chloride as CI ppm 33 79 31 32   Silica as SiO2 ppm 9.2 9.9 9.5 10.2   Ortho Phosphate as PO4 ppm <0.2							
Total Hardness as CaCO3 ppm 104 103 106 109   Calcium as CaCO3 ppm 89 88 90 92   Magnesium as CaCO3 ppm 15 15 16 17   P-Alkalinity as CaCO3 ppm 7 8 10 8   M-Alkalinity as CaCO3 ppm 34 34 36 37   Chloride as CI ppm 33 79 31 32   Silica as SiO2 ppm 9.2 9.9 9.5 10.2   Ortho Phosphate as PO4 ppm 0.2 0.5 0.2 <0.2	Conductivity	uS/cm	577	682	618	616	
Calcium as CaCO3 ppm 89 88 90 92   Magnesium as CaCO3 ppm 15 15 16 17   P-Alkalinity as CaCO3 ppm 7 8 10 8   M-Alkalinity as CaCO3 ppm 34 34 36 37   Chloride as Cl ppm 33 79 31 32   Silica as SiO2 ppm 9.2 9.9 9.5 10.2   Ortho Phosphate as PO4 ppm 0.2 0.5 0.2 <0.2   Polyphosphate as PO4 ppm <0.2 0.2 ND ND ND   Iron - Dissolved as Fe * ppm ND ND ND ND ND   Iron - Suspended as Fe * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Cup at Cup	pH		9.17	9.30	9.38	9.24	
Magnesium as CaCO3 ppm 15 15 16 17   P-Alkalinity as CaCO3 ppm 7 8 10 8   M-Alkalinity as CaCO3 ppm 34 34 36 37   Chloride as Cl ppm 33 79 31 32   Silica as SiO2 ppm 9.2 9.9 9.5 10.2   Ortho Phosphate as PO4 ppm 0.2 0.5 0.2 <0.2	Total Hardness as CaCO3	ppm	104	103	106	109	
P-Alkalinity as CaCO3	Calcium as CaCO3	ppm	89	88	90	92	
M-Alkalinity as CaCO3	Magnesium as CaCO3	ppm	15	15	16	17	
Chloride as CI ppm 33 79 31 32   Silica as SiO2 ppm 9.2 9.9 9.5 10.2   Ortho Phosphate as PO4 ppm 0.2 0.5 0.2 <0.2   Polyphosphate as PO4 ppm <0.2 0.2 ND ND ND   Iron - Dissolved as Fe * ppm <0.04 <0.04 ND ND ND   Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Copper - Suspended as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Sulfate as SO4 ppm 174 173 174 173   Lead - Dissolved as Pb ppm <0.05 ND ND ND	P-Alkalinity as CaCO3	ppm	7	8	10	8	
Silica as SiO2 ppm 9.2 9.9 9.5 10.2   Ortho Phosphate as PO4 ppm 0.2 0.5 0.2 <0.2   Polyphosphate as PO4 ppm <0.2 0.2 ND ND <0.2   Iron - Dissolved as Fe * ppm ND ND ND ND ND   Iron - Suspended as Fe * ppm <0.04 <0.04 ND <0.04 <0.04   Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04	M-Alkalinity as CaCO3	ppm	34	34	36	37	
Ortho Phosphate as PO4 ppm 0.2 0.5 0.2 <0.2   Polyphosphate as PO4 ppm <0.2 0.2 ND <0.2   Iron - Dissolved as Fe * ppm ND ND ND ND   Iron - Suspended as Fe * ppm <0.04 <0.04 ND <0.04   Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Copper - Suspended as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Sulfate as SO4 ppm 174 173 174 173   Lead - Dissolved as Pb ppm <0.05 ND ND ND	Chloride as Cl	ppm	33	79	31	32	
Polyphosphate as PO4 ppm <0.2 0.2 ND <0.2   Iron - Dissolved as Fe * ppm ND ND ND ND   Iron - Suspended as Fe * ppm <0.04 <0.04 ND <0.04   Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Copper - Suspended as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Sulfate as SO4 ppm 174 173 174 173   Lead - Dissolved as Pb ppm <0.05 ND ND ND	Silica as SiO2	ppm	9.2	9.9	9.5	10.2	
Iron - Dissolved as Fe * ppm ND ND ND ND   Iron - Suspended as Fe * ppm <0.04	Ortho Phosphate as PO4	ppm	0.2	0.5	0.2	<0.2	
Iron – Suspended as Fe * ppm <0.04 <0.04 ND <0.04   Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Copper – Suspended as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <	Polyphosphate as PO4	ppm	<0.2	0.2	ND	<0.2	
Copper - Dissolved as Cu * ppm <0.04 <0.04 <0.04 <0.04   Copper - Suspended as Cu * ppm <0.04 <0.04 <0.04 <0.04 <0.04   Sulfate as SO4 ppm 174 173 174 173   Lead - Dissolved as Pb ppm <0.05 ND ND ND	Iron - Dissolved as Fe *	ppm	ND	ND	ND	ND	
Copper – Suspended as Cu * ppm <0.04 <0.04 <0.04 <0.04   Sulfate as SO4 ppm 174 173 174 173   Lead - Dissolved as Pb ppm <0.05 ND ND ND	Iron – Suspended as Fe *	ppm	<0.04	<0.04	ND	<0.04	
Sulfate as SO4 ppm 174 173 174 173   Lead - Dissolved as Pb ppm <0.05 ND ND ND	Copper - Dissolved as Cu *	ppm	<0.04	<0.04	<0.04	<0.04	
Lead - Dissolved as Pb ppm <0.05 ND ND ND	Copper – Suspended as Cu *	ppm	<0.04	<0.04	<0.04	<0.04	
	Sulfate as SO4	ppm	174	173	174	173	
Lead - Suspended as PbppmNDND<0.05ND	Lead - Dissolved as Pb	ppm	<0.05	ND	ND	ND	
	Lead - Suspended as Pb	ppm	ND	ND	<0.05	ND	

ND - Not Detected in the Sample

BDL - Below Detection Limit of the Method

<sup>\*</sup> Reactive species, values may differ from the time of sampling

<sup>\*\*</sup> Results are as received in the lab, actual levels at the time of sampling are likely to be higher

<sup>\*\*\*</sup> Organophosphate undifferentiated by species is the lab test for phosphonate



## **Water Analysis Report**

Customer #: 652164

CITIZENS OF THE WORLD CHARTER

SCHOOLS 3435 BROADWAY BLVD KANSAS CITY, MO 64111 US Issue Date: 2/17/2023

Sales Rep Name: LOVDAHL, Mr. GERALD LANCE (JERRY)

Rep Number: USCA9C99

Sample Number: Date Collected: **AE24190** 02/06/2023

**AE24191** 02/06/2023 02/09/2023

Date Received: Description:

02/09/2023 Raw Water

Raw Water 3rd Floor Water

**Location:** 2nd Floor Water

n Fountain

Fountain

Product:

Conductivity	uS/cm	612	608	
pH		9.28	9.26	
Total Hardness as CaCO3	ppm	108	107	
Calcium as CaCO3	ppm	91	90	
Magnesium as CaCO3	ppm	17	17	
P-Alkalinity as CaCO3	ppm	9	8	
M-Alkalinity as CaCO3	ppm	36	34	
Chloride as Cl	ppm	34	33	
Silica as SiO2	ppm	9.9	10	
Ortho Phosphate as PO4	ppm	0.2	<0.2	
Polyphosphate as PO4	ppm	ND	ND	
Iron - Dissolved as Fe *	ppm	ND	ND	
Iron – Suspended as Fe *	ppm	0.10	<0.04	
Copper - Dissolved as Cu *	ppm	<0.04	<0.04	
Copper – Suspended as Cu *	ppm	<0.04	ND	
Sulfate as SO4	ppm	174	173	
Lead - Dissolved as Pb	ppm	<0.05	ND	
Lead - Suspended as Pb	ppm	ND	0.062	

ND - Not Detected in the Sample

BDL - Below Detection Limit of the Method

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<sup>\*\*\*</sup> Organophosphate undifferentiated by species is the lab test for phosphonate



### **Water Analysis Report**

Customer #: **652164** 

CITIZENS OF THE WORLD CHARTER

SCHOOLS 3435 BROADWAY BLVD KANSAS CITY, MO 64111 US Issue Date: 2/17/2023

Sales Rep Name: LOVDAHL, Mr. GERALD LANCE (JERRY)

Rep Number: USCA9C99

### Comments

AE24186

	recommended samples be collected and submitted to a Certified Environmental Lab for analysis.
AE24187	Lead was not detected. If data satisfying EPA reporting requirements for drinking water is needed, it is recommended samples be collected and submitted to a Certified Environmental Lab for analysis.
AE24188	Lead was not detected. If data satisfying EPA reporting requirements for drinking water is needed, it is recommended samples be collected and submitted to a Certified Environmental Lab for analysis.
AE24189	Lead was not detected. If data satisfying EPA reporting requirements for drinking water is needed, it is recommended samples be collected and submitted to a Certified Environmental Lab for analysis.
AE24190	Lead was not detected. If data satisfying EPA reporting requirements for drinking water is needed, it is recommended samples be collected and submitted to a Certified Environmental Lab for analysis.
AE24191	Lead was not detected. If data satisfying EPA reporting requirements for drinking water is needed, it is recommended samples be collected and submitted to a Certified Environmental Lab for analysis.

Lead was not detected. If data satisfying EPA reporting requirements for drinking water is needed, it is

ND - Not Detected in the Sample

BDL - Below Detection Limit of the Method

<sup>\*</sup> Reactive species, values may differ from the time of sampling

 $<sup>^{\</sup>star\star}$  Results are as received in the lab, actual levels at the time of sampling are likely to be higher

<sup>\*\*\*</sup> Organophosphate undifferentiated by species is the lab test for phosphonate