



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | [www.alsglobal.com](http://www.alsglobal.com)

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618  
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For

**Guardian Chemical Specialties Corp.**

Project 2600 S. Broad  
Workorder 3253603  
Report ID 182932 on 7/21/2022

### Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Jul 18, 2022.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Sarah Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at [www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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Andrew Adamsky - Guardian Chemical Specialties Corp.  
Customer Service - Guardian Chemical Specialties Corp.  
John Chambers - Guardian CSC  
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*Sarah Leung*

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*

**Sarah Leung**  
Project Coordinator

(ALS Digital Signature)



Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3253603001	Teacher's Lounge Lobby	Drinking Water	07/15/2022 11:00	07/18/2022 11:52	CBC	Collected By Client
3253603002	1st FI Bottle Fill	Drinking Water	07/15/2022 11:05	07/18/2022 11:52	CBC	Collected By Client
3253603003	2nd FI Bottle Fill South	Drinking Water	07/15/2022 11:10	07/18/2022 11:52	CBC	Collected By Client
3253603004	2nd FI Teacher Lounge	Drinking Water	07/15/2022 11:15	07/18/2022 11:52	CBC	Collected By Client
3253603005	2nd FI Bottle Fill North	Drinking Water	07/15/2022 11:20	07/18/2022 11:52	CBC	Collected By Client
3253603006	Basement Bottle Fill	Drinking Water	07/15/2022 11:25	07/18/2022 11:52	CBC	Collected By Client
3253603007	Basement Girl's Room Sink	Drinking Water	07/15/2022 11:30	07/18/2022 11:52	CBC	Collected By Client
3253603008	Kitchen Handwash Sink	Drinking Water	07/15/2022 11:35	07/18/2022 11:52	CBC	Collected By Client



## Reference

### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

### Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID	Sample ID		
3253603001	Teacher's Lounge Lobby	S1	Sample temperature upon receipt at lab was greater than 6 °C.
3253603002	1st FI Bottle Fill	S2	Sample temperature upon receipt at lab was greater than 6 °C.
3253603003	2nd FI Bottle Fill South	S3	Sample temperature upon receipt at lab was greater than 6 °C.
3253603004	2nd FI Teacher Lounge	S4	Sample temperature upon receipt at lab was greater than 6 °C.
3253603005	2nd FI Bottle Fill North	S5	Sample temperature upon receipt at lab was greater than 6 °C.
3253603006	Basement Bottle Fill	S6	Sample temperature upon receipt at lab was greater than 6 °C.
3253603007	Basement Girl's Room Sink	S7	Sample temperature upon receipt at lab was greater than 6 °C.
3253603008	Kitchen Handwash Sink	S8	Sample temperature upon receipt at lab was greater than 6 °C.

Result Notations

Notation Ref.
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Detected Results Summary

Client Sample ID	Kitchen Handwash Sink	Collected	07/15/2022 11:35
Lab Sample ID	3253603008	Lab Receipt	07/18/2022 11:52

Compound	Result	Units	RDL	Method	Flag
METALS					
Lead, Total	0.0031	mg/L	0.0020	EPA 200.8	#



Results

Client Sample ID	Teacher's Lounge Lobby	Collected	07/15/2022 11:00
Lab Sample ID	3253603001	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S1	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:08	MO	A1



Results

Client Sample ID	1st FI Bottle Fill	Collected	07/15/2022 11:05
Lab Sample ID	3253603002	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S2	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:10	MO	A1



Results

Client Sample ID	2nd FI Bottle Fill South	Collected	07/15/2022 11:10
Lab Sample ID	3253603003	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S3	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:11	MO	A1





Results

Client Sample ID	2nd FI Teacher Lounge	Collected	07/15/2022 11:15
Lab Sample ID	3253603004	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S4	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:14	MO	A1



Results

Client Sample ID	2nd FI Bottle Fill North	Collected	07/15/2022 11:20
Lab Sample ID	3253603005	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S5	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:15	MO	A1



Results

Client Sample ID	Basement Bottle Fill	Collected	07/15/2022 11:25
Lab Sample ID	3253603006	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S6	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:16	MO	A1



Results

Client Sample ID	Basement Girl's Room Sink	Collected	07/15/2022 11:30
Lab Sample ID	3253603007	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	ND	ND,S7	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:17	MO	A1



Results

Client Sample ID	Kitchen Handwash Sink	Collected	07/15/2022 11:35
Lab Sample ID	3253603008	Lab Receipt	07/18/2022 11:52

METALS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Lead, Total	0.0031	S8	mg/L	0.0020	EPA 200.8	1	07/20/2022 16:18	MO	A1



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3253603001	Teacher's Lounge Lobby	EPA 200.8	EPA ACIDT	
3253603002	1st FI Bottle Fill	EPA 200.8	EPA ACIDT	
3253603003	2nd FI Bottle Fill South	EPA 200.8	EPA ACIDT	
3253603004	2nd FI Teacher Lounge	EPA 200.8	EPA ACIDT	
3253603005	2nd FI Bottle Fill North	EPA 200.8	EPA ACIDT	
3253603006	Basement Bottle Fill	EPA 200.8	EPA ACIDT	
3253603007	Basement Girl's Room Sink	EPA 200.8	EPA ACIDT	
3253603008	Kitchen Handwash Sink	EPA 200.8	EPA ACIDT	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3253603001	Teacher's Lounge Lobby	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603002	1st FI Bottle Fill	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603003	2nd FI Bottle Fill South	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603004	2nd FI Teacher Lounge	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603005	2nd FI Bottle Fill North	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603006	Basement Bottle Fill	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603007	Basement Girl's Room Sink	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698
3253603008	Kitchen Handwash Sink	EPA ACIDT	865697	07/20/2022 09:35	KXH	EPA 200.8	865698



301 Fulling Mill Rd, Suite A  
Middletown, PA 17057  
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CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: 3253603		Logged By: KSB		PH: SSL		of	
ALS Quote #:		Therm ID: 570		WO Temp (°C) 250			
Temp Taken By: DD		Receipt Info completed by: DD		WV Containers 0-6°C Y N		Deviations? NO YES	
Cooler Custody Seals Intact		Y N		Y N		If YES, list below	
Sample Custody Seal Intact		Y N		Y N			
Received on ice		Y N		Y N			
Coolers & Samples Intact		Y N		Y N			
Correct Containers Provided		Y N		Y N			
Sample Label/COC Agree		Y N		Y N			
Adequate Sample Volumes		Y N		Y N			
VOA only: Headspace Present		Y N		Y N			
VOA only: Trip Blank		Y N		Y N			
NJ ≤ 4 days?		Y N		Y N			
Courier/Tracking # 128129420352380382		Date/Tech:		Client contact:			
Sample(s) for Radiation testing?		Y N		Rad Screen (uCi)			
Reportable SDWA Sample(s)?		Y N		New Source? Y N			
SDWA State of Origin?				New Source Contact:			
PWSID #				PWS Contact:		PWS Phone #:	
SDWA Sample Type Key: D=Distribution E=Entry Point							
R=Raw P=Plant C=Check S=Special A=Annual Startup							
Sample/COC Remarks							
Contains Short Hold Testing YES NO							
Internal Use: If less than 48 hours - notify lab upon receipt							
State Samples Collected In		HSCA		Landfill		NY	
Standard Lvl 1		CLP-like		DOD		NJ	
Standard Lvl 2		DOD		NJ RED		NJ GW	
Standard Lvl 3		NJ RED		NJ Full		NJ	
Standard Lvl 4		NJ Full				PA	
Excel Summary		Sample Disposal		Lab		WV	
Equis		Custom		Special		FL	
EDDS: Format Type						other	
Deliverables		Data					
ED							
EDDS							
Comments:		Please show Phila performing Arts		Received By / Company Name		2 VPS	
SAMPLER BY (Please Print, if MD include Sampler #):		John W. Chambers		Relinquished By / Company Name		3 John Chambers	
Date:		7-15-22 2:00P		Date:		7-15-22 2:00P	
Time		2:00P		Time		2:00P	
1		TEACHERS Lounge LOBBY		7-15-22 11:00		11:00	
2		1st FL BOTTLE FILL		7-15-22 11:05		11:05	
3		2nd FL BOTTLE FILL SWITH		7-15-22 11:10		11:10	
4		2nd FL TEACHER Lounge		7-15-22 11:15		11:15	
5		2nd FL BOTTLE FILL NORTH		7-15-22 11:20		11:20	
6		BASEMENT BOTTLE FILL		7-15-22 11:25		11:25	
7		BASEMENT GIRLS RM SINK		7-15-22 11:30		11:30	
8		Kitchen Handwash sink		7-15-22 11:35		11:35	
9							
10							
Client Name:		Phila Performing Arts		Container Type		P	
Address:		2600 S. Broad St		Container Size		250	
Philadelphia PA 19145				Preservative		HNO3	
Contact: BOB FASS							
Phone#: 215-510-3462							
Project Name#: 2600 S. Broad							
Bill To: GUARDIAN CHEMICAL							
Purchase Order #: P500605							
TAT							
Date Required:							
Email: J. Chambers@guardianchem.com							
Sample Description/Location							
Date Collected							
Time							
mm/dd/yy							
hh:mm							
SDWA Sample Type (see key)							
G or C							
**Matrix (See bottom of COC)							
Enter Number of Containers Per Sample or Field Results Below.							
Lead 200.8. PB							

\* G=Grab; C=Composite \*\*Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

Rev 05/22