



34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11, MA PA0102, MD 128, VA 460157, WV 343

September 12, 2016

Ms. Dawn Summers
Negley's Well Drilling
28 Sarah Susan Lane
Greencastle, PA 17225

Certificate of Analysis

Project Name:	South Fulton High School	Workorder:	2172913
Purchase Order:		Workorder ID:	South Fulton High School

Dear Ms. Summers:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, September 7, 2016.

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 Ms. Amy K Borden (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.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. Trent Stumbaugh

Ms. Amy K Borden
Project Coordinator

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

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SAMPLE SUMMARY

Workorder: 2172913 South Fulton High School

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2172913001	Distribution 701 Nurses Office Sink	Drinking Water	9/7/2016 10:20	9/7/2016 17:12	Collected by Client
2172913002	Distribution 001	Drinking Water	9/7/2016 06:30	9/7/2016 17:12	Collected by Client
2172913003	Distribution 002	Drinking Water	9/7/2016 06:30	9/7/2016 17:12	Collected by Client
2172913004	Distribution 003	Drinking Water	9/7/2016 06:30	9/7/2016 17:12	Collected by Client
2172913005	Distribution 004	Drinking Water	9/7/2016 06:30	9/7/2016 17:12	Collected by Client
2172913006	Distribution 005	Drinking Water	9/7/2016 06:30	9/7/2016 17:12	Collected by Client

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SAMPLE SUMMARY

Workorder: 2172913 South Fulton High School

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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- 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.

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)
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 at the RDL
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

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PROJECT SUMMARY

Workorder: 2172913 South Fulton High School

Sample Comments

Lab ID: 2172913001

Sample ID: Distribution 701 Nurses
Office Sink

Sample Type: SAMPLE

The Total Coliform analysis indicates that the sample does not exceed the drinking water limit established by the USEPA for Total Coliform and is considered to be bacteriologically potable. Zero Total Coliform colonies were detected.

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ANALYTICAL RESULTS

Workorder: 2172913 South Fulton High School

Lab ID: 2172913001

Date Collected: 9/7/2016 10:20

Matrix: Drinking Water

Sample ID: Distribution 701 Nurses Office Sink

Date Received: 9/7/2016 17:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Gnr
MICROBIOLOGY										
E. Coli	ND		col/100mL	1	S9223B-04	9/7/16 20:08	LLJ	9/8/16 14:55	LLJ	A
Total Coliform	ND		col/100mL	1	S9223B-04	9/7/16 20:08	LLJ	9/8/16 14:55	LLJ	A



Ms. Amy K Borden
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2172913 South Fulton High School

Lab ID: 2172913002 Date Collected: 9/7/2016 06:30 Matrix: Drinking Water
Sample ID: Distribution 001 Date Received: 9/7/2016 17:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Copper, Total	0.064		mg/L	0.0050	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:03	MO	A1
Lead, Total	ND		mg/L	0.0020	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:03	MO	A1

Ms. Amy K Borden
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2172913 South Fulton High School

Lab ID: **2172913003**
 Sample ID: **Distribution 002**

Date Collected: 9/7/2016 06:30 Matrix: Drinking Water
 Date Received: 9/7/2016 17:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cnfr
METALS										
Copper, Total	0.15		mg/L	0.0050	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:05	MO	A1
Lead, Total	ND		mg/L	0.0020	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:05	MO	A1



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ANALYTICAL RESULTS

Workorder: 2172913 South Fulton High School

Lab ID: **2172913004** Date Collected: 9/7/2016 06:30 Matrix: Drinking Water
 Sample ID: **Distribution 003** Date Received: 9/7/2016 17:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cnfr
METALS										
Copper, Total	0.24		mg/L	0.0050	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:08	MO	A1
Lead, Total	ND		mg/L	0.0020	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:08	MO	A1

Amy K Borden
 Ms. Amy K Borden
 Project Coordinator



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ANALYTICAL RESULTS

Workorder: 2172913 South Fulton High School

Lab ID: 2172913005 Date Collected: 9/7/2016 06:30 Matrix: Drinking Water
Sample ID: Distribution 004 Date Received: 9/7/2016 17:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Contr
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METALS

Copper, Total	0.20		mg/L	0.0050	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:11	MO	A1
Lead, Total	0.0025		mg/L	0.0020	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:11	MO	A1

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ANALYTICAL RESULTS

Workorder: 2172913 South Fulton High School

Lab ID: 2172913006 Date Collected: 9/7/2016 06:30 Matrix: Drinking Water
Sample ID: Distribution 005 Date Received: 9/7/2016 17:12

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Copper, Total	0.097		mg/L	0.0050	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:19	MO	A1
Lead, Total	ND		mg/L	0.0020	EPA 200.8	9/9/16 11:29	MO	9/9/16 15:19	MO	A1

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

Page _____ of _____
Cooler: _____
Tracking #: _____



Co. Name: _____
Contact (Project): Negley's Clean Water Center Phone: _____
Address: 28 Sarah Susan Lane Greencastle, PA 17225
Cooler Temp: 3
Therm. ID: 382
No. of Coolers: _____
NOISE: _____

ANALYSES/METHOD REQUESTED

Container Type	R	PN
Container Size	100ml	IL
Preservative	✓	HMS

Sample No.	Sample Description/Location	Matrix	Enter Number of Containers Per Analysis
1	Dist. 701	DM	X
2	001		X
3	002		X
4	003		X
5	004		X
6	005		X
7			
8			

Project Name: SF High School ALS Quote #: _____
TAT: Normal Standard TAT is 10-12 business days. Data Request: _____
 Rush-Subject to ALS approval and surcharges. Approved By: _____
Email: _____
Fax: _____

Sample No.	Sample Description/Location	Matrix	Enter Number of Containers Per Analysis	Standard	CLP-like	NI-Reduced	NI-Full	Other	State Samples Collected In?	ALS FIELD SERVICES
1	Dist. 701	DM	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MD <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> PA <input type="checkbox"/>	<input type="checkbox"/> Custody seals Present? <input type="checkbox"/> Received on test? <input type="checkbox"/> COC/Labels complete/accurate? <input type="checkbox"/> Container in good condition?
2	001		X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment <input type="checkbox"/> Other:
3	002		X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	003		X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5	004		X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6	005		X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

SAMPLED BY (Please Print): *Susan Anthony*
Project Comments: *Send 9/8 252*

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
<i>Susan Anthony</i>	9-7-11	14:30	<i>[Signature]</i>	9-7-11	14:30
<i>[Signature]</i>	9-7-11	17:12	<i>[Signature]</i>	9-7-11	17:12

DOO Orders Required? *429033*

Containers: WHITE - ORIGINAL CANARY - CUSTOMER COPY
 **Matrix: Air=Air, DW=Drinking Water, GW=Groundwater, O=Oil, OL=Other Liquid, SL=Sludge, SO=Soil, WP=Wettop, WW=Wastewater
 ***Container Type: AG=Amber Glass, FL=Plastic, CG=Clear Glass, 250ml, 500ml, 1L, 5gal, etc. Preservative: KCl, HNO3, NaOH, etc.
 Rev 01-2013

