

Monitoring Point #	Type of Sample	Date of Sample	Time of Sample	Collected By	Field Temp. (°F)	Field pH	Analysis Date	Sus. Solids	Suspended Solids (mg/l)	Total Dissolved Solids (mg/L)	Static Water Level	Alkalinity (mg/L)	Acidity (mg/L)	Total Coliform (mg/L)	E-Coli	Nitrates
PW-1	Grab	19-Jul-22	15:05	CB	25.3	7.40	20-Jul-22		2.5	394	inaccessible	210	16			
PW-7	Grab	19-Jul-22	14:05	CB	22.9	7.60	20-Jul-22		7.0	290	47.7	169	10			
PW-13	Grab	19-Jul-22	15:30	CB	21.0	7.40	20-Jul-22		2.5	426	29.6	168	9			
PW-15	Grab	19-Jul-22	14:50	CB	26.1	7.20	20-Jul-22		2.5	442	inaccessible	265	22			
PW-19	Grab	19-Jul-22	14:35	CB	24.6	7.10	20-Jul-22		2.5	366	47.6	226	18			
AO-1	Grab	11-Aug-22	13:15	CB	22.8	6.90	15-Aug-22		<5.0	298	20.8	206	38			
AO-3	Grab	11-Aug-22	13:40	CB	22.9	7.20	15-Aug-22		<5.0	458	50.4	205	16			
PW-12	Grab															
PW-20	Grab	31-Aug-23	9:50	RC	22.2	6.98	5-Sep-23		7.0	586	115.5					
PW-21	Grab	16-Aug-23	13:30	CB	16.2	7.52	22-Aug-23		7.0	444	122.5					
PW-22	Grab	26-Jun-23	8:20	T. Shank	n/a	n/a	n/a		n/a	n/a	n/a			2	<1.0	13.4
PW-23	Grab	26-Feb-24	12:20	CB	16.1	7.10	28-Feb-24		<5.0	394	27.6					



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State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For

**Akens Engineering Associates**

Project Rheems  
Workorder 3318665  
Report ID 267370 on 8/30/2023

**Certificate of Analysis**

Enclosed are the analytical results for samples received by the laboratory on Aug 16, 2023.

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 George Methlie (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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ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):  
Rick Caranfa - Akens Engineering Associates

*George Methlie*

**George Methlie**  
Project Coordinator

(ALS Digital Signature)

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



## Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3318665001	Miller House	Water	08/16/2023 13:30	08/16/2023 14:15	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, including but not limited to the following EPA Method reference revisions:
  - EPA 300.1 Rev. 1.0-1997
  - EPA 300.0 Rev. 2.1-1993
  - EPA 353.2 Rev. 2.0-1993
  - EPA 410.4 Rev. 1.0-1993
  - EPA 420.4 Rev. 1.0-1993
  - EPA 365.1 Rev. 2.0-1993
  - EPA 200.7 Rev. 4.4-1994
  - EPA 200.8 Rev. 5.4-1994
  - EPA 245.1 Rev. 3.0-1994
- 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 performed 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	Practical Quantitation Limit for this Project
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** Rheems  
**Workorder** 3318665

**Project Notations**

**Sample Notations**

**Lab ID**      **Sample ID**

**Result Notations**

**Notation Ref.**

1      The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.



**Detected Results Summary**

Client Sample ID	Miller House	Collected	08/16/2023 13:30
Lab Sample ID	3318665001	Lab Receipt	08/16/2023 14:15

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
<b>WET CHEMISTRY</b>					
pH	8.22	pH_Units		S4500HB-11	#
Total Dissolved Solids	444	mg/L	25	SM2540C-15	#
Total Suspended Solids	7	mg/L	5	SM2540D-15	#



## Results

Client Sample ID	Miller House	Collected	08/16/2023 13:30
Lab Sample ID	3318665001	Lab Receipt	08/16/2023 14:15

### WET CHEMISTRY

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
pH	8.22	1	pH_Units		S4500HB-11	1	08/19/2023 00:22	JMS	A
Total Dissolved Solids	444		mg/L	25	SM2540C-15	1	08/23/2023 16:33	GJB	A
Total Suspended Solids	7		mg/L	5	SM2540D-15	1	08/22/2023 15:08	JML	A



**Sample - Method Cross Reference Table**

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3318665001	Miller House	S4500HB-11	N/A	
		SM2540C-15	N/A	
		SM2540D-15	N/A	



**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3318665001	Miller House	N/A	N/A	N/A		S4500HB-11	1049631
		N/A	N/A	N/A		SM2540C-15	1050332
		N/A	N/A	N/A		SM2540D-15	1050312





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State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For

**Akens Engineering Associates**

Project Rheems Quarry  
Workorder 3321047  
Report ID 269723 on 9/12/2023

**Certificate of Analysis**

Enclosed are the analytical results for samples received by the laboratory on Aug 31, 2023.

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 George Methlie (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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Recipient(s):  
Rick Caranfa - Akens Engineering Associates

*George Methlie*

**George Methlie**  
Project Coordinator

(ALS Digital Signature)

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## Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3321047001	430	Ground Water	08/31/2023 09:50	08/31/2023 13:45	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, including but not limited to the following EPA Method reference revisions:  
 EPA 300.1 Rev. 1.0-1997  
 EPA 300.0 Rev. 2.1-1993  
 EPA 353.2 Rev. 2.0-1993  
 EPA 410.4 Rev. 1.0-1993  
 EPA 420.4 Rev. 1.0-1993  
 EPA 365.1 Rev. 2.0-1993  
 EPA 200.7 Rev. 4.4-1994  
 EPA 200.8 Rev. 5.4-1994  
 EPA 245.1 Rev. 3.0-1994
- 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	Practical Quantitation Limit for this Project
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** Rheems Quarry  
**Workorder** 3321047

**Project Notations**

**Sample Notations**

**Lab ID**      **Sample ID**

**Result Notations**

**Notation Ref.**

1      The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.



### Detected Results Summary

Client Sample ID	430	Collected	08/31/2023 09:50
Lab Sample ID	3321047001	Lab Receipt	08/31/2023 13:45

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
<b>WET CHEMISTRY</b>					
pH	8.34	pH_Units		S4500HB-11	#
Total Dissolved Solids	586	mg/L	25	SM2540C-15	#
Total Suspended Solids	7	mg/L	5	SM2540D-15	#



## Results

Client Sample ID	430	Collected	08/31/2023 09:50
Lab Sample ID	3321047001	Lab Receipt	08/31/2023 13:45

### WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
pH	8.34	1	pH_Units		S4500HB-11	1	09/08/2023 13:01	JMS	A
Total Dissolved Solids	586		mg/L	25	SM2540C-15	1	09/06/2023 18:32	GJB	A
Total Suspended Solids	7		mg/L	5	SM2540D-15	1	09/05/2023 10:40	JML	A



### Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3321047001	430	S4500HB-11	N/A	
		SM2540C-15	N/A	
		SM2540D-15	N/A	



**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3321047001	430	N/A	N/A	N/A		S4500HB-11	1055237
		N/A	N/A	N/A		SM2540C-15	1055862
		N/A	N/A	N/A		SM2540D-15	1055057

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Middletown, PA 17057  
P. 717-944-5541



**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

3321047

Logged By: CXW  
PM: GJM



COC #: \_\_\_\_\_  
ALS Quote #: \_\_\_\_\_

Client Name: Akens Engineering Assoc Inc  
Address: 219 E. MAIN ST.  
SHREMANSTON PA 17011  
Contact: RICK CAGANFA  
Phone#: 717 975 9933  
Project Name#: RHCENS QUARRY  
Bill To: \_\_\_\_\_  
Purchase Order #: 240-1-50  
TAT:  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.  
Date Required: \_\_\_\_\_ Approved?   
Email?

Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	Container Type PL PL	Container Size 1L 250ml	Preservative None	Orthophosphate Filtered?	Yes	No	Hexavalent Chromium Filtered?	Yes	No
1 <u>430</u>	<u>8/31/23</u>	<u>9:50</u>									
2											
3											
4											
5											
6											
7											
8											
9											
10											

SDWA Sample Type (see key) 660  
SDWA Matrix (See bottom of COC) SS, TSS, H8  
Enter Number of Containers Per Sample or Field Results Below.  
Comments: OUTSIDE SPIGOT Field PH 6.98 Temp 22.2  
DD/ALS

Date:	Time	Relinquished By / Company Name	Received By / Company Name
<u>8/31/23</u>	<u>15:45</u>	<u>Rick Caganfa Akens Eng</u>	<u>DD/ALS</u>

Temp Taken By: DD Therm ID: 585 WO Temp (°C) 8°  
Receipt Info completed by: \_\_\_\_\_  
Cooler C: \_\_\_\_\_  
Sample C: \_\_\_\_\_  
Received on Ice: \_\_\_\_\_  
Cooler & Samples Intact: \_\_\_\_\_  
Correct Containers Provided: \_\_\_\_\_  
Sample Label/COC Agree: \_\_\_\_\_  
Adequate Sample Volumes: \_\_\_\_\_  
CR6 Samples Filtered: \_\_\_\_\_  
OP Samples Filtered: \_\_\_\_\_  
VOA Trip Blank: \_\_\_\_\_  
NIS-4 Days?: \_\_\_\_\_  
Rad Screen (uCi): \_\_\_\_\_  
Courier/Tracking #: \_\_\_\_\_  
SDWA Compliance: \_\_\_\_\_  
PWSID: \_\_\_\_\_  
PWS Cont.: \_\_\_\_\_

Receipt Info Completed By: \_\_\_\_\_  
Cooler Custody Seal Intact: \_\_\_\_\_  
Sample Custody Seal Intact: \_\_\_\_\_  
Received on Ice: \_\_\_\_\_  
Cooler & Samples Intact: \_\_\_\_\_  
Correct Containers Provided: \_\_\_\_\_  
Sample Label/COC Agree: \_\_\_\_\_  
Adequate Sample Volumes: \_\_\_\_\_  
CR6 Samples Filtered: \_\_\_\_\_  
OP Samples Filtered: \_\_\_\_\_  
VOA Trip Blank: \_\_\_\_\_  
NIS-4 Days?: \_\_\_\_\_  
Rad Screen (uCi): \_\_\_\_\_  
Courier/Tracking #: \_\_\_\_\_  
SDWA Compliance: \_\_\_\_\_  
PWSID: \_\_\_\_\_  
PWS Cont.: \_\_\_\_\_

Client contact: \_\_\_\_\_  
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



Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | [www.alsglobal.com](http://www.alsglobal.com)  
 Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 | Fax: 717-944-1430 |

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, NJ PA101

Analytical Results Report For

**Akens Engineering Associates**

Project 240-1-51 Pierson Rheems - 24  
 Workorder 3347429  
 Report ID 306016 on 3/7/2024

**Certificate of Analysis**

Enclosed are the analytical results for samples received by the laboratory on Feb 26, 2024.

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 George Methlie (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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 ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):  
 Rick Caranfa - Akens Engineering Associates

*George Methlie*

**George Methlie**  
 Project Coordinator

(ALS Digital Signature)

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



## Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3347429001	Rouse Well	Water	02/26/2024 12:20	02/26/2024 13:14	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, including but not limited to the following EPA Method reference revisions:  
EPA 300.1 Rev. 1.0-1997  
EPA 300.0 Rev. 2.1-1993  
EPA 353.2 Rev. 2.0-1993  
EPA 410.4 Rev. 1.0-1993  
EPA 420.4 Rev. 1.0-1993  
EPA 365.1 Rev. 2.0-1993  
EPA 200.7 Rev. 4.4-1994  
EPA 200.8 Rev. 5.4-1994  
EPA 245.1 Rev. 3.0-1994
- 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.
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### Standard Acronyms/Flags

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MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
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** 240-1-51 Pierson Rheems - 24  
**Workorder** 3347429

**Project Notations**

**Sample Notations**

**Lab ID**      **Sample ID**

**Result Notations**

**Notation Ref.**

1      The pH analysis is an "analyze immediately" analysis. Parameters identified as "analyze immediately" require analysis within 15 minutes of collection, and are therefore analyzed outside of the method holding time when analyzed in the laboratory.



### Detected Results Summary

Client Sample ID	Rouse Well	Collected	02/26/2024 12:20
Lab Sample ID	3347429001	Lab Receipt	02/26/2024 13:14

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Flag</u>
<b>WET CHEMISTRY</b>					
pH	8.22	pH_Units		S4500HB-11	#
Specific Conductance	617	umhos/cm	5	SM2510B-2011	#
Total Dissolved Solids	394	mg/L	25	SM2540C-15	#



## Results

Client Sample ID	Rouse Well	Collected	02/26/2024 12:20
Lab Sample ID	3347429001	Lab Receipt	02/26/2024 13:14

### WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
pH	8.22	1	pH_Units		S4500HB-11	1	03/06/2024 23:21	KMV	A
Specific Conductance	617		umhos/cm	5	SM2510B-2011	1	03/05/2024 16:00	BLP	A
Total Dissolved Solids	394		mg/L	25	SM2540C-15	1	02/29/2024 15:30	RAG	A
Total Suspended Solids	ND	ND	mg/L	5	SM2540D-15	1	02/28/2024 09:50	ANH	A



**Sample - Method Cross Reference Table**

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3347429001	Rouse Well	S4500HB-11	N/A	
		SM2510B-2011	N/A	
		SM2540C-15	N/A	
		SM2540D-15	N/A	



**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3347429001	Rouse Well	N/A	N/A	N/A		S4500HB-11	1152511
		N/A	N/A	N/A		SM2510B-2011	1151802
		N/A	N/A	N/A		SM2540C-15	1148412
		N/A	N/A	N/A		SM2540D-15	1148011

301 Fulling Mill Rd, Suite A  
Middletown, PA 17057  
P: 717-944-5541

**CHAIN OF CUSTODY/  
REQUEST FOR ANALYSIS**  
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /  
SAMPLER. INSTRUCTIONS ON THE BACK.

3347429

Logged By: GJM  
PH: GJM

COC #: \_\_\_\_\_ of \_\_\_\_\_

ALS Quot

Client Name: <b>Akens Engineering</b> Address: <b>219 E. Main St Shiremanstown</b>		Container Type: <b>pl</b> Container Size: <b>1L</b> Preservative: <b>VWP</b>		Temp Taken By: <b>DD</b> Therm ID: <b>570</b> WO Temp (°C): <b>17.1</b>	
Contact: <b>Rick Carinfa</b> Phone#: <b>717 975 9933</b> Project Name#: <b>Akens</b> Bill To: <b>Akens</b>		Orthophosphate Filtered? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hexavalent Chromium Filtered? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		WV Containers 0-6°C: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> Deviations: <b>NO</b> YES <input type="checkbox"/> If YES, list below:	
Purchase Order#: _____ <input type="checkbox"/> Normal-Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.		ANALYSIS / METHOD REQUESTED		Client contact: _____ Date/Fech: _____	
Date Required: _____ Email: <input checked="" type="checkbox"/> <b>Rick Carinfa@akensengineering.com</b>		Enter Number of Containers Per Sample or Field Results Below.		Samples for Radiation testing? Y <input type="checkbox"/> N <input type="checkbox"/> Reportable SDWA Sample(s)? Y <input type="checkbox"/> N <input type="checkbox"/> SDWA State of Origin? _____ PWSID #: _____ PWS Contact: _____ PWS Phone #: _____	
Sample Description/Location (as it will appear on the lab report): <b>Rouse well</b>		SDWA Sample Type (see key): <b>Raw</b>		Rad Screen (uCi): _____ New Source? Y <input type="checkbox"/> N <input type="checkbox"/> New Source Contact: _____	
Date Collected: <b>2-26-24</b> Time: <b>1220</b>		SDWA Sample Type (see key): <b>Raw</b>		SDWA Sample Type Key: D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup	
Sample Description/Location: <b>Rouse well</b>		SDWA Sample Type (see key): <b>Raw</b>		Sample/COC Remarks: <b>T=16.1°C TDS=382ppm C=640 u/s</b>	
Sample Description/Location: _____		SDWA Sample Type (see key): _____		Contains Short Hold Testing: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Internal Use: If less than 48 hours - notify lab upon receipt	
Sample Description/Location: _____		SDWA Sample Type (see key): _____		Standard Lvl 1: _____ CLP-like: _____ HSCA: _____ Standard Lvl 2: _____ DOD: _____ Landfill: _____ Standard Lvl 3: _____ NJ RED: _____ NJ GW: _____ Standard Lvl 4: _____ NJ Full: _____	
Circle Sample Collector: ALS Tech / Client ID: _____		Date Delivered: _____		State Samples Collected In: _____	
Name: _____		Received By / Company Name: <b>DD/ALS</b>		NY <input type="checkbox"/> NJ <input type="checkbox"/> PA <input type="checkbox"/> WV <input type="checkbox"/> FL <input type="checkbox"/> other <input type="checkbox"/>	
Date: <b>2-26-24</b> Time: <b>13:14</b>		EDDS: _____		Sample Disposal: _____	
Date: _____ Time: _____		EDDS: _____		Lab: _____	
Date: _____ Time: _____		EDDS: _____		Special: _____	
Date: _____ Time: _____		EDDS: _____		Format Type: _____	
Date: _____ Time: _____		EDDS: _____		other: _____	

\* G-Grab, C-Composite \*\*Matrix - A-Air, D-Drinking Water, GW=Groundwater, O-Off, LW=Liquid Waste, S-Solid/Soil/Sediment, SW=Surface Water, WP=Wipe, WW=Wastewater  
ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057  
Rev 07.06.2023