

January 23, 2024

John Cable  
Triangle  
17855 Elk Prairie Drive  
P.O. Box 1026  
Rolla, MO 65402  
TEL: (573) 364-1864  
FAX: (573) 364-4782



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

**RE: RPS-Rolla Junior High**

**WorkOrder: 24010257**

Dear John Cable:

TEKLAB, INC received 50 samples on 1/3/2024 12:57:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley  
Director of Customer Service  
(618)344-1004 ex 33  
[ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)



## Report Contents

<http://www.teklabinc.com/>

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**Client:** Triangle

**Work Order:** 24010257

**Client Project:** RPS-Rolla Junior High

**Report Date:** 23-Jan-24

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**Client:** Triangle

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### Abbr Definition

\* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

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### Qualifiers

- # - Unknown hydrocarbon
- C - RL shown is a Client Requested Quantitation Limit
- H - Holding times exceeded
- J - Analyte detected below quantitation limits
- ND - Not Detected at the Reporting Limit
- S - Spike Recovery outside recovery limits
- X - Value exceeds Maximum Contaminant Level
- B - Analyte detected in associated Method Blank
- E - Value above quantitation range
- I - Associated internal standard was outside method criteria
- M - Manual Integration used to determine area response
- R - RPD outside accepted recovery limits
- T - TIC(Tentatively identified compound)



## Case Narrative

<http://www.teklabinc.com/>

**Client:** Triangle

**Work Order:** 24010257

**Client Project:** RPS-Rolla Junior High

**Report Date:** 23-Jan-24

**Cooler Receipt Temp:** NA °C

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### Locations

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#### Collinsville

**Address** 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

**Phone** (618) 344-1004

**Fax** (618) 344-1005

**Email** jhriley@teklabinc.com

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#### Collinsville Air

**Address** 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

**Phone** (618) 344-1004

**Fax** (618) 344-1005

**Email** EHurley@teklabinc.com

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#### Springfield

**Address** 3920 Pintail Dr  
Springfield, IL 62711-9415

**Phone** (217) 698-1004

**Fax** (217) 698-1005

**Email** KKlostermann@teklabinc.com

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#### Chicago

**Address** 1319 Butterfield Rd.  
Downers Grove, IL 60515

**Phone** (630) 324-6855

**Fax**

**Email** arenner@teklabinc.com

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#### Kansas City

**Address** 8421 Nieman Road  
Lenexa, KS 66214

**Phone** (913) 541-1998

**Fax** (913) 541-1998

**Email** jhriley@teklabinc.com



## Accreditations

<http://www.teklabinc.com/>

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**Work Order:** 24010257

**Client Project:** RPS-Rolla Junior High

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State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



# Laboratory Results

<http://www.teklabinc.com/>

Client: Triangle

Work Order: 24010257

Client Project: RPS-Rolla Junior High

Report Date: 23-Jan-24

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
<b>EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)</b>									
<b>Lead</b>									
24010257-001A	26-A	NELAP		0.0010	<b>0.0043</b>	mg/L	1	01/16/2024 22:30	12/31/2023 12:00
24010257-002A	26-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 22:34	12/31/2023 12:00
24010257-003A	27-A	NELAP		0.0010	<b>0.0016</b>	mg/L	1	01/16/2024 22:37	12/31/2023 12:00
24010257-004A	27-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 22:41	12/31/2023 12:00
24010257-005A	28-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 22:45	12/31/2023 12:00
24010257-006A	28-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 22:48	12/31/2023 12:00
24010257-007A	29-A	NELAP		0.0010	<b>0.0014</b>	mg/L	1	01/16/2024 22:52	12/31/2023 12:00
24010257-008A	29-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 23:03	12/31/2023 12:00
24010257-009A	30-A	NELAP		0.0010	<b>0.0026</b>	mg/L	1	01/16/2024 23:18	12/31/2023 12:00
24010257-010A	30-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 23:21	12/31/2023 12:00
24010257-011A	31-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 23:25	12/31/2023 12:00
24010257-012A	31-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 23:29	12/31/2023 12:00
24010257-013A	32-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 23:32	12/31/2023 12:00
24010257-014A	32-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/16/2024 23:36	12/31/2023 12:00
24010257-015A	33-A	NELAP		0.0010	<b>0.0043</b>	mg/L	1	01/16/2024 23:39	12/31/2023 12:00
24010257-016A	33-B	NELAP		0.0010	<b>0.0030</b>	mg/L	1	01/18/2024 19:36	12/31/2023 12:00
24010257-017A	34-A	NELAP		0.0010	<b>0.0027</b>	mg/L	1	01/19/2024 14:37	12/31/2023 12:00
24010257-018A	34-B	NELAP		0.0010	<b>0.0034</b>	mg/L	5	01/13/2024 9:55	12/31/2023 12:00
24010257-019A	35-A	NELAP		0.0010	<b>0.0028</b>	mg/L	1	01/18/2024 19:50	12/31/2023 12:00
24010257-020A	35-B	NELAP		0.0010	<b>0.0035</b>	mg/L	5	01/13/2024 10:06	12/31/2023 12:00
24010257-021A	36-A	NELAP		0.0010	<b>0.0018</b>	mg/L	1	01/19/2024 14:41	12/31/2023 12:00
24010257-022A	36-B	NELAP		0.0010	<b>0.0030</b>	mg/L	5	01/13/2024 10:10	12/31/2023 12:00
24010257-023A	37-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 14:45	12/31/2023 12:00
24010257-024A	37-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 14:49	12/31/2023 12:00
24010257-025A	38-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	5	01/13/2024 10:14	12/31/2023 12:00
24010257-026A	38-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 14:53	12/31/2023 12:00
24010257-027A	39-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 14:58	12/31/2023 12:00
24010257-028A	39-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 15:02	12/31/2023 12:00
24010257-029A	40-A	NELAP		0.0010	<b>0.0035</b>	mg/L	1	01/19/2024 15:30	12/31/2023 12:00
24010257-030A	40-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 14:12	12/31/2023 12:00
24010257-031A	41-A	NELAP		0.0010	<b>0.0049</b>	mg/L	1	01/19/2024 15:06	12/31/2023 12:00
24010257-032A	41-B	NELAP		0.0010	<b>0.0011</b>	mg/L	1	01/19/2024 15:34	12/31/2023 12:00
24010257-033A	42-A	NELAP		0.0010	<b>0.0083</b>	mg/L	1	01/19/2024 15:39	12/31/2023 12:00
24010257-034A	42-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 15:43	12/31/2023 12:00
24010257-035A	43-A	NELAP		0.0010	<b>0.0040</b>	mg/L	1	01/19/2024 15:47	12/31/2023 12:00
24010257-036A	43-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 15:51	12/31/2023 12:00
24010257-037A	44-A	NELAP		0.0010	<b>0.0046</b>	mg/L	1	01/19/2024 15:55	12/31/2023 12:00
24010257-038A	44-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 15:59	12/31/2023 12:00
24010257-039A	45-A	NELAP		0.0010	<b>0.0046</b>	mg/L	1	01/19/2024 16:24	12/31/2023 12:00
24010257-040A	45-B	NELAP		0.0010	<b>0.0016</b>	mg/L	1	01/19/2024 16:28	12/31/2023 12:00
24010257-041A	46-A	NELAP		0.0010	<b>0.0070</b>	mg/L	1	01/19/2024 16:32	12/31/2023 12:00
24010257-042A	46-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/19/2024 16:36	12/31/2023 12:00
24010257-043A	47-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/18/2024 6:48	12/31/2023 12:00
24010257-044A	47-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/18/2024 6:51	12/31/2023 12:00
24010257-045A	48-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/18/2024 6:55	12/31/2023 12:00
24010257-046A	48-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/18/2024 7:06	12/31/2023 12:00
24010257-047A	49-A	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/18/2024 7:10	12/31/2023 12:00
24010257-048A	49-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/18/2024 7:13	12/31/2023 12:00



# Laboratory Results

<http://www.teklabinc.com/>

Client: Triangle

Work Order: 24010257

Client Project: RPS-Rolla Junior High

Report Date: 23-Jan-24

Matrix: DRINKING WATER

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
<b>EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)</b>									
<b>Lead</b>									
24010257-049A	50-A	NELAP		0.0010	<b>0.0018</b>	mg/L	1	01/18/2024 7:17	12/31/2023 12:00
24010257-050A	50-B	NELAP		0.0010	<b>&lt; 0.0010</b>	mg/L	1	01/18/2024 8:34	12/31/2023 12:00





## Quality Control Results

<http://www.teklabinc.com/>

Client: Triangle

Work Order: 24010257

Client Project: RPS-Rolla Junior High

Report Date: 23-Jan-24

### EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)

Batch 216898		SampType: MBLK		Units mg/L							
SampID: MBLK-216898											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		< 0.0010	0.0002	0	0	-100	100	01/16/2024	

Batch 216898		SampType: LCS		Units mg/L							
SampID: LCS-216898											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		0.0528	0.0500	0	105.5	85	115	01/16/2024	

Batch 216898		SampType: MS		Units mg/L							
SampID: 24010162-045AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		0.0934	0.1000	0	93.4	70	130	01/16/2024	

Batch 216898		SampType: MSD		Units mg/L							
SampID: 24010162-045AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010		0.0947	0.1000	0	94.7	0.09344	1.34	01/16/2024	

Batch 216898		SampType: MS		Units mg/L							
SampID: 24010257-007AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010	E	0.102	0.1000	0.001392	100.8	70	130	01/16/2024	

Batch 216898		SampType: MSD		Units mg/L							
SampID: 24010257-007AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010	E	0.113	0.1000	0.001392	111.9	0.1022	10.28	01/16/2024	

Batch 216905		SampType: MBLK		Units mg/L							
SampID: MBLK-216905											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		< 0.0010	0.0002	0	0	-100	100	01/19/2024	

Batch 216905		SampType: LCS		Units mg/L							
SampID: LCS-216905											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		0.0493	0.0500	0	98.6	85	115	01/19/2024	



## Quality Control Results

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Client: Triangle

Work Order: 24010257

Client Project: RPS-Rolla Junior High

Report Date: 23-Jan-24

### EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)

Batch 216905		SampType: MS		Units mg/L							Date Analyzed
SampID: 24010257-030AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>0.0883</b>	0.1000	0.0008585	87.4	70	130	01/19/2024	

Batch 216905		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 24010257-030AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Lead		0.0010		<b>0.0879</b>	0.1000	0.0008585	87.0	0.08829	0.49	01/19/2024		

Batch 216905		SampType: MS		Units mg/L							Date Analyzed
SampID: 24010257-031AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>0.0858</b>	0.1000	0.004890	80.9	70	130	01/19/2024	

Batch 216905		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 24010257-031AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Lead		0.0010		<b>0.0844</b>	0.1000	0.004890	79.5	0.08576	1.64	01/19/2024		

Batch 216909		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-216909											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>&lt; 0.0010</b>	0.0002	0	0	-100	100	01/19/2024	

Batch 216909		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-216909											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>0.0493</b>	0.0500	0	98.6	85	115	01/19/2024	

Batch 216909		SampType: MS		Units mg/L							Date Analyzed
SampID: 24010257-038AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>0.0879</b>	0.1000	0.0009298	86.9	70	130	01/19/2024	

Batch 216909		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 24010257-038AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Lead		0.0010		<b>0.0871</b>	0.1000	0.0009298	86.2	0.08787	0.86	01/19/2024		



## Quality Control Results

<http://www.teklabinc.com/>

Client: Triangle

Work Order: 24010257

Client Project: RPS-Rolla Junior High

Report Date: 23-Jan-24

### EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)

Batch 216909		SampType: MS		Units mg/L						
SampID: 24010257-045AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.0929</b>	0.1000	0.0005360	92.4	70	130	01/18/2024

Batch 216909		SampType: MSD		Units mg/L						
SampID: 24010257-045AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		0.0010		<b>0.0939</b>	0.1000	0.0005360	93.4	0.09290	1.09	01/18/2024

Batch 217075		SampType: MBLK		Units mg/L						
SampID: MBLK-217075										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>&lt; 0.0010</b>	0.0002	0	0	-100	100	01/13/2024

Batch 217075		SampType: LCS		Units mg/L						
SampID: LCS-217075										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.483</b>	0.5000	0	96.6	85	115	01/15/2024

Batch 217075		SampType: MS		Units mg/L						
SampID: 23122148-013AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.491</b>	0.5000	0.001240	98.0	70	130	01/13/2024

Batch 217075		SampType: MSD		Units mg/L						
SampID: 23122148-013AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		0.0010		<b>0.490</b>	0.5000	0.001240	97.7	0.4910	0.26	01/13/2024

Batch 217075		SampType: MS		Units mg/L						
SampID: 24010257-018AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.499</b>	0.5000	0.003395	99.1	70	130	01/13/2024

Batch 217075		SampType: MSD		Units mg/L						
SampID: 24010257-018AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		0.0010	E	<b>0.501</b>	0.5000	0.003395	99.4	0.4988	0.37	01/13/2024



# Receiving Check List

<http://www.teklabinc.com/>

Client: Triangle

Work Order: 24010257

Client Project: RPS-Rolla Junior High

Report Date: 23-Jan-24

Carrier: John Cable

Received By: LEH

Completed by:

*Mary E. Kemp*

Reviewed by:

*Ellie Hopkins*

On:

03-Jan-24

Mary E Kemp

On:

03-Jan-24

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

- |   |  |                              |  |                                  |
|---|--|------------------------------|--|----------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  | Not Present <input type="checkbox"/>   | Temp °C <b>NA</b>                |
| Type of thermal preservation?                           | None <input checked="" type="checkbox"/> | Ice <input type="checkbox"/> | Blue Ice <input type="checkbox"/>      | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |
| Reported field parameters measured:                     | Field <input type="checkbox"/>           | Lab <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |                                  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>  |  |                                  |

*When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.*

- |   |   |                             |   |
|---|---|-----------------------------|---|
| Water – at least one vial per sample has zero headspace?  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials <input checked="" type="checkbox"/>      |
| Water - TOX containers have zero headspace?               | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/>                           |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>                |

**Any No responses must be detailed below or on the COC.**

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory.

### CHAIN OF CUSTODY

TEKLAB INC. 5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Client: <u>TRIANGLE ENVIRONMENTAL SCIENCE AND ENGINEERING</u> Address: <u>PO BOX 1026</u> City/State/Zip: <u>ROLLA, MO 65402</u> Contact: <u>JOHN CABLE</u> Phone: <u>573 308 0140</u> Email: <u>TRIANGLE.ENVIRONMENTAL</u> Fax: <u>@GMAIL.COM</u>				Samples on: <input type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input checked="" type="checkbox"/> NO ICE <u>NA</u> °C Preserved in: <input type="checkbox"/> LAB <input type="checkbox"/> FIELD <b>FOR LAB USE ONLY</b> LAB NOTES: Client Comments:			
Are these samples known to be involved in litigation? If yes, a surcharge will apply: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are these samples known to be hazardous? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
PROJECT NAME/NUMBER <u>RPS-Rolla Junior High</u>		SAMPLE COLLECTOR'S NAME JOHN W CABLE		# and Type of Containers UNP HNO3 NaOH H2SO4 HCL MeOH NaHSO4 TSP Other		INDICATE ANALYSIS REQUESTED	
RESULTS REQUESTED <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)		BILLING INSTRUCTIONS TRIANGLE					
Lab Use Only	Sample ID	Date/Time Sampled	Matrix				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
			Drinking Water				
Relinquished By		Date/Time		Received By		Date/Time	
JOHN W CABLE <i>[Signature]</i>		1-3-24 12:57		<i>[Signature]</i>		1/3/24 12:57	

\*The Individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

*[Handwritten]* 1/3/24

24-B	DRINKING WATER	LEAD	12/31/23 @ 1200	
25-A	DRINKING WATER	LEAD	12/31/23 @ 1200	
25-B	DRINKING WATER	LEAD	12/31/23 @ 1200	
26-A	DRINKING WATER	LEAD	12/31/23 @ 1200	24010257- 001
26-B	DRINKING WATER	LEAD	12/31/23 @ 1200	002
27-A	DRINKING WATER	LEAD	12/31/23 @ 1200	003
27-B	DRINKING WATER	LEAD	12/31/23 @ 1200	004
28-A	DRINKING WATER	LEAD	12/31/23 @ 1200	005
28-B	DRINKING WATER	LEAD	12/31/23 @ 1200	006
29-A	DRINKING WATER	LEAD	12/31/23 @ 1200	007
29-B	DRINKING WATER	LEAD	12/31/23 @ 1200	008
30-A	DRINKING WATER	LEAD	12/31/23 @ 1200	009
30-B	DRINKING WATER	LEAD	12/31/23 @ 1200	010
31-A	DRINKING WATER	LEAD	12/31/23 @ 1200	011
31-B	DRINKING WATER	LEAD	12/31/23 @ 1200	012
32-A	DRINKING WATER	LEAD	12/31/23 @ 1200	013
32-B	DRINKING WATER	LEAD	12/31/23 @ 1200	014
33-A	DRINKING WATER	LEAD	12/31/23 @ 1200	015
33-B	DRINKING WATER	LEAD	12/31/23 @ 1200	016
34-A	DRINKING WATER	LEAD	12/31/23 @ 1200	017
34-B	DRINKING WATER	LEAD	12/31/23 @ 1200	018
35-A	DRINKING WATER	LEAD	12/31/23 @ 1200	019
35-B	DRINKING WATER	LEAD	12/31/23 @ 1200	020
36-A	DRINKING WATER	LEAD	12/31/23 @ 1200	021
36-B	DRINKING WATER	LEAD	12/31/23 @ 1200	022
37-A	DRINKING WATER	LEAD	12/31/23 @ 1200	023
37-B	DRINKING WATER	LEAD	12/31/23 @ 1200	024
38-A	DRINKING WATER	LEAD	12/31/23 @ 1200	025
38-B	DRINKING WATER	LEAD	12/31/23 @ 1200	026
39-A	DRINKING WATER	LEAD	12/31/23 @ 1200	027
39-B	DRINKING WATER	LEAD	12/31/23 @ 1200	028
40-A	DRINKING WATER	LEAD	12/31/23 @ 1200	029
40-B	DRINKING WATER	LEAD	12/31/23 @ 1200	030
41-A	DRINKING WATER	LEAD	12/31/23 @ 1200	031
41-B	DRINKING WATER	LEAD	12/31/23 @ 1200	032
42-A	DRINKING WATER	LEAD	12/31/23 @ 1200	033
42-B	DRINKING WATER	LEAD	12/31/23 @ 1200	034
43-A	DRINKING WATER	LEAD	12/31/23 @ 1200	035
43-B	DRINKING WATER	LEAD	12/31/23 @ 1200	036
44-A	DRINKING WATER	LEAD	12/31/23 @ 1200	037
44-B	DRINKING WATER	LEAD	12/31/23 @ 1200	038
45-A	DRINKING WATER	LEAD	12/31/23 @ 1200	039
45-B	DRINKING WATER	LEAD	12/31/23 @ 1200	040
46-A	DRINKING WATER	LEAD	12/31/23 @ 1200	041
46-B	DRINKING WATER	LEAD	12/31/23 @ 1200	042
47-A	DRINKING WATER	LEAD	12/31/23 @ 1200	043
47-B	DRINKING WATER	LEAD	12/31/23 @ 1200	044

48-A	DRINKING WATER	LEAD	12/31/23 @ 1200	24010257-045
48-B	DRINKING WATER	LEAD	12/31/23 @ 1200	
49-A	DRINKING WATER	LEAD	12/31/23 @ 1200	
49-B	DRINKING WATER	LEAD	12/31/23 @ 1200	
50-A	DRINKING WATER	LEAD	12/31/23 @ 1200	
50-B	DRINKING WATER	LEAD	12/31/23 @ 1200	
51-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
51-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
52-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
52-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
53-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
53-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
54-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
54-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
55-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
56-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
56-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
57-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
57-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
58-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
58-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
59-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
59-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
60-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
60-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
61-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
61-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
62-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
62-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
63-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
63-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
64-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
64-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
65-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
65-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
66-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
66-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
67-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
67-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
68-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
68-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
69-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
69-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
70-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
70-B	DRINKING WATER	LEAD	12/30/23 @ 1000	
71-A	DRINKING WATER	LEAD	12/30/23 @ 1000	
71-B	DRINKING WATER	LEAD	12/30/23 @ 1000	

046  
 047  
 048  
 049  
 050

24010257

72-A	DRINKING WATER	LEAD	12/30/23 @ 1000
72-B	DRINKING WATER	LEAD	12/30/23 @ 1000
73-A	DRINKING WATER	LEAD	12/30/23 @ 1000
73-B	DRINKING WATER	LEAD	12/30/23 @ 1000
74-A	DRINKING WATER	LEAD	12/30/23 @ 1000
74-B	DRINKING WATER	LEAD	12/30/23 @ 1000
75-A	DRINKING WATER	LEAD	12/30/23 @ 1000
75-B	DRINKING WATER	LEAD	12/30/23 @ 1000
76-A	DRINKING WATER	LEAD	12/30/23 @ 1000
76-B	DRINKING WATER	LEAD	12/30/23 @ 1000
77-A	DRINKING WATER	LEAD	12/30/23 @ 1000
77-B	DRINKING WATER	LEAD	12/30/23 @ 1000
78-A	DRINKING WATER	LEAD	12/30/23 @ 1000
78-B	DRINKING WATER	LEAD	12/30/23 @ 1000
79-A	DRINKING WATER	LEAD	12/30/23 @ 1000
79-B	DRINKING WATER	LEAD	12/30/23 @ 1000
80-A	DRINKING WATER	LEAD	12/30/23 @ 1000
80-B	DRINKING WATER	LEAD	12/30/23 @ 1000
81-A	DRINKING WATER	LEAD	12/30/23 @ 1000
81-B	DRINKING WATER	LEAD	12/30/23 @ 1000
82-A	DRINKING WATER	LEAD	12/30/23 @ 1000
82-B	DRINKING WATER	LEAD	12/30/23 @ 1000
83-A	DRINKING WATER	LEAD	12/30/23 @ 1000
83-B	DRINKING WATER	LEAD	12/30/23 @ 1000
84-A	DRINKING WATER	LEAD	12/30/23 @ 1000
84-B	DRINKING WATER	LEAD	12/30/23 @ 1000
85-A	DRINKING WATER	LEAD	12/30/23 @ 1000
85-B	DRINKING WATER	LEAD	12/30/23 @ 1000
86-A	DRINKING WATER	LEAD	12/30/23 @ 1000
86-B	DRINKING WATER	LEAD	12/30/23 @ 1000
87-A	DRINKING WATER	LEAD	12/30/23 @ 1000
87-B	DRINKING WATER	LEAD	12/30/23 @ 1000
88-A	DRINKING WATER	LEAD	12/30/23 @ 1000
88-B	DRINKING WATER	LEAD	12/30/23 @ 1000
89-A	DRINKING WATER	LEAD	12/30/23 @ 1000
89-B	DRINKING WATER	LEAD	12/30/23 @ 1000
90-A	DRINKING WATER	LEAD	12/30/23 @ 1000
90-B	DRINKING WATER	LEAD	12/30/23 @ 1000
91-A	DRINKING WATER	LEAD	12/30/23 @ 1000
91-B	DRINKING WATER	LEAD	12/30/23 @ 1000
92-A	DRINKING WATER	LEAD	12/30/23 @ 1000
92-B	DRINKING WATER	LEAD	12/30/23 @ 1000
93-A	DRINKING WATER	LEAD	12/30/23 @ 1000
93-B	DRINKING WATER	LEAD	12/30/23 @ 1000
94-A	DRINKING WATER	LEAD	12/30/23 @ 1000
94-B	DRINKING WATER	LEAD	12/30/23 @ 1000
95-A	DRINKING WATER	LEAD	12/30/23 @ 1000



95-B	DRINKING WATER	LEAD	12/30/23 @ 1000
96-A	DRINKING WATER	LEAD	12/30/23 @ 1000
96-B	DRINKING WATER	LEAD	12/30/23 @ 1000
97-A	DRINKING WATER	LEAD	12/30/23 @ 1000
97-B	DRINKING WATER	LEAD	12/30/23 @ 1000
98-A	DRINKING WATER	LEAD	12/30/23 @ 1000
98-B	DRINKING WATER	LEAD	12/30/23 @ 1000
99-A	DRINKING WATER	LEAD	12/30/23 @ 1000
99-B	DRINKING WATER	LEAD	12/30/23 @ 1000
ICE-1	DRINKING WATER	LEAD	12/30/23 @ 1000

1-A	DRINKING WATER	LEAD	12/31/23 @ 1200
1-B	DRINKING WATER	LEAD	12/31/23 @ 1200
2-A	DRINKING WATER	LEAD	12/31/23 @ 1200
2-B	DRINKING WATER	LEAD	12/31/23 @ 1200
3-A	DRINKING WATER	LEAD	12/31/23 @ 1200
3-B	DRINKING WATER	LEAD	12/31/23 @ 1200
4-A	DRINKING WATER	LEAD	12/31/23 @ 1200
4-B	DRINKING WATER	LEAD	12/31/23 @ 1200
5-A	DRINKING WATER	LEAD	12/31/23 @ 1200
5-B	DRINKING WATER	LEAD	12/31/23 @ 1200
6-A	DRINKING WATER	LEAD	12/31/23 @ 1200
6-B	DRINKING WATER	LEAD	12/31/23 @ 1200
7-A	DRINKING WATER	LEAD	12/31/23 @ 1200
7-B	DRINKING WATER	LEAD	12/31/23 @ 1200
8-A	DRINKING WATER	LEAD	12/31/23 @ 1200
8-B	DRINKING WATER	LEAD	12/31/23 @ 1200
9-A	DRINKING WATER	LEAD	12/31/23 @ 1200
9-B	DRINKING WATER	LEAD	12/31/23 @ 1200
10-A	DRINKING WATER	LEAD	12/31/23 @ 1200
10-B	DRINKING WATER	LEAD	12/31/23 @ 1200
11-A	DRINKING WATER	LEAD	12/31/23 @ 1200
11-B	DRINKING WATER	LEAD	12/31/23 @ 1200
12-A	DRINKING WATER	LEAD	12/31/23 @ 1200
12-B	DRINKING WATER	LEAD	12/31/23 @ 1200
13-A	DRINKING WATER	LEAD	12/31/23 @ 1200
13-B	DRINKING WATER	LEAD	12/31/23 @ 1200
14-A	DRINKING WATER	LEAD	12/31/23 @ 1200
14-B	DRINKING WATER	LEAD	12/31/23 @ 1200
15-A	DRINKING WATER	LEAD	12/31/23 @ 1200
15-B	DRINKING WATER	LEAD	12/31/23 @ 1200
16-A	DRINKING WATER	LEAD	12/31/23 @ 1200
16-B	DRINKING WATER	LEAD	12/31/23 @ 1200
17-A	DRINKING WATER	LEAD	12/31/23 @ 1200
17-B	DRINKING WATER	LEAD	12/31/23 @ 1200
18-A	DRINKING WATER	LEAD	12/31/23 @ 1200
18-B	DRINKING WATER	LEAD	12/31/23 @ 1200
19-A	DRINKING WATER	LEAD	12/31/23 @ 1200
19-B	DRINKING WATER	LEAD	12/31/23 @ 1200
20-A	DRINKING WATER	LEAD	12/31/23 @ 1200
20-B	DRINKING WATER	LEAD	12/31/23 @ 1200
21-A	DRINKING WATER	LEAD	12/31/23 @ 1200
21-B	DRINKING WATER	LEAD	12/31/23 @ 1200
22-A	DRINKING WATER	LEAD	12/31/23 @ 1200
22-B	DRINKING WATER	LEAD	12/31/23 @ 1200
23-A	DRINKING WATER	LEAD	12/31/23 @ 1200
23-B	DRINKING WATER	LEAD	12/31/23 @ 1200
24-A	DRINKING WATER	LEAD	12/31/23 @ 1200