

January 11, 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-RTI**

**WorkOrder: 23121995**

Dear John Cable:

TEKLAB, INC received 60 samples on 12/27/2023 2:30:00 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,



Marvin L. Darling  
Project Manager  
(618)344-1004 ex 41  
[mdarling@teklabinc.com](mailto:mdarling@teklabinc.com)



## Report Contents

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

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**Client:** Triangle

**Work Order:** 23121995

**Client Project:** RPS-RTI

**Report Date:** 11-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:** 23121995

**Client Project:** RPS-RTI

**Report Date:** 11-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/>

Client: Triangle

Work Order: 23121995

Client Project: RPS-RTI

Report Date: 11-Jan-24

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: 23121995

Client Project: RPS-RTI

Report Date: 11-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>									
23121995-001A	1-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:21	12/22/2023 12:00
23121995-002A	1-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:25	12/22/2023 12:00
23121995-003A	2-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:30	12/22/2023 12:00
23121995-004A	2-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:34	12/22/2023 12:00
23121995-005A	3-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 11:55	12/22/2023 12:00
23121995-006A	3-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:38	12/22/2023 12:00
23121995-007A	4-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:43	12/22/2023 12:00
23121995-008A	4-B	NELAP		0.0010	0.0012	mg/L	1	01/05/2024 12:47	12/22/2023 12:00
23121995-009A	5-A	NELAP		0.0010	0.0046	mg/L	1	01/05/2024 13:17	12/22/2023 12:00
23121995-010A	5-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 13:21	12/22/2023 12:00
23121995-011A	6-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 13:26	12/22/2023 12:00
23121995-012A	6-B	NELAP		0.0010	< 0.0010	mg/L	5	01/08/2024 12:41	12/22/2023 12:00
23121995-013A	7-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 13:30	12/22/2023 12:00
23121995-014A	7-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 12:51	12/22/2023 12:00
23121995-015A	8-A	NELAP		0.0010	0.0072	mg/L	1	01/05/2024 13:34	12/22/2023 12:00
23121995-016A	8-B	NELAP		0.0010	< 0.0010	mg/L	5	01/08/2024 12:45	12/22/2023 12:00
23121995-017A	9-A	NELAP		0.0010	0.0041	mg/L	1	01/05/2024 13:39	12/22/2023 12:00
23121995-018A	9-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 13:43	12/22/2023 12:00
23121995-019A	10-A	NELAP		0.0010	0.0033	mg/L	1	01/05/2024 13:47	12/22/2023 12:00
23121995-020A	10-B	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 13:51	12/22/2023 12:00
23121995-021A	11-A	NELAP		0.0010	< 0.0010	mg/L	1	01/05/2024 13:56	12/22/2023 12:00
23121995-022A	11-B	NELAP		0.0010	0.0012	mg/L	1	01/09/2024 17:49	12/22/2023 12:00
23121995-023A	12-A	NELAP		0.0010	0.0084	mg/L	5	01/08/2024 12:49	12/22/2023 12:00
23121995-024A	12-B	NELAP		0.0010	0.0138	mg/L	5	01/08/2024 12:54	12/22/2023 12:00
23121995-025A	13-A	NELAP		0.0010	0.0068	mg/L	5	01/10/2024 1:00	12/22/2023 12:00
23121995-026A	13-B	NELAP		0.0010	< 0.0010	mg/L	5	01/08/2024 12:58	12/22/2023 12:00
23121995-027A	14-A	NELAP		0.0010	0.0068	mg/L	5	01/08/2024 13:38	12/22/2023 12:00
23121995-028A	14-B	NELAP		0.0010	0.0018	mg/L	5	01/08/2024 13:42	12/22/2023 12:00
23121995-029A	15-A	NELAP		0.0010	0.0020	mg/L	5	01/08/2024 13:47	12/22/2023 12:00
23121995-030A	15-B	NELAP		0.0010	0.0018	mg/L	5	01/08/2024 13:51	12/22/2023 12:00
23121995-031A	16-A	NELAP		0.0010	0.0028	mg/L	5	01/08/2024 13:55	12/22/2023 12:00
23121995-032A	16-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 17:53	12/22/2023 12:00
23121995-033A	17-A	NELAP		0.0010	0.0066	mg/L	5	01/08/2024 14:00	12/22/2023 12:00
23121995-034A	17-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 17:24	12/22/2023 12:00
23121995-035A	18-A	NELAP		0.0010	0.0022	mg/L	5	01/08/2024 14:04	12/22/2023 12:00
23121995-036A	18-B	NELAP		0.0010	0.0024	mg/L	5	01/08/2024 14:47	12/22/2023 12:00
23121995-037A	19-A	NELAP		0.0010	0.0019	mg/L	5	01/10/2024 9:01	12/22/2023 12:00
23121995-038A	19-B	NELAP		0.0010	0.0020	mg/L	5	01/08/2024 14:51	12/22/2023 12:00
23121995-039A	20-A	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 17:57	12/22/2023 12:00
23121995-040A	20-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:01	12/22/2023 12:00
23121995-041A	21-A	NELAP		0.0010	0.0016	mg/L	1	01/09/2024 18:06	12/22/2023 12:00
23121995-042A	21-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:10	12/22/2023 12:00
23121995-043A	22-A	NELAP		0.0010	0.0049	mg/L	1	01/09/2024 18:14	12/22/2023 12:00
23121995-044A	22-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:43	12/22/2023 12:00
23121995-045A	23-A	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:47	12/22/2023 12:00
23121995-046A	23-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:51	12/22/2023 12:00
23121995-047A	24-A	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:55	12/22/2023 12:00
23121995-048A	24-B	NELAP		0.0010	< 0.0010	mg/L	1	01/09/2024 18:59	12/22/2023 12:00



## Laboratory Results

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

Client: Triangle

Work Order: 23121995

Client Project: RPS-RTI

Report Date: 11-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>									
23121995-049A	25-A	NELAP		0.0010	<b>0.0013</b>	mg/L	1	01/09/2024 18:18	12/22/2023 12:00
23121995-050A	25-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/09/2024 19:03	12/22/2023 12:00
23121995-051A	26-A	NELAP		0.0010	<b>0.0050</b>	mg/L	1	01/09/2024 19:07	12/22/2023 12:00
23121995-052A	26-B	NELAP		0.0010	< <b>0.0010</b>	mg/L	1	01/08/2024 11:42	12/22/2023 12:00
23121995-053A	27-A	NELAP		0.0010	<b>0.0067</b>	mg/L	1	01/08/2024 11:46	12/22/2023 12:00
23121995-054A	27-B	NELAP		0.0010	<b>0.0019</b>	mg/L	1	01/08/2024 11:50	12/22/2023 12:00
23121995-055A	28-A	NELAP		0.0010	<b>0.0160</b>	mg/L	1	01/08/2024 11:53	12/22/2023 12:00
23121995-056A	28-B	NELAP		0.0010	<b>0.0027</b>	mg/L	1	01/08/2024 12:04	12/22/2023 12:00
23121995-057A	29-A	NELAP		0.0010	<b>0.0034</b>	mg/L	1	01/08/2024 12:08	12/22/2023 12:00
23121995-058A	29-B	NELAP		0.0010	<b>0.0017</b>	mg/L	1	01/08/2024 12:12	12/22/2023 12:00
23121995-059A	30-A	NELAP		0.0010	<b>0.0107</b>	mg/L	1	01/08/2024 12:15	12/22/2023 12:00
23121995-060A	30-B	NELAP		0.0010	<b>0.0033</b>	mg/L	1	01/05/2024 17:01	12/22/2023 12:00





## Quality Control Results

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

Client: Triangle

Work Order: 23121995

Client Project: RPS-RTI

Report Date: 11-Jan-24

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

Batch 216662		SampType: MBLK		Units mg/L							
SampID: MBLK-216662										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead		0.0010		< 0.0010	0.0002	0	0	-100	100	01/05/2024	

Batch 216662		SampType: LCS		Units mg/L							
SampID: LCS-216662										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead		0.0010		0.0467	0.0500	0	93.4	85	115	01/05/2024	

Batch 216662		SampType: MS		Units mg/L							
SampID: 23121995-005AMS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead		0.0010		0.0974	0.1000	0.0005033	96.8	70	130	01/05/2024	

Batch 216662		SampType: MSD		Units mg/L							
SampID: 23121995-005AMSD										RPD Limit: 20	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010	E	0.101	0.1000	0.0005033	101.0	0.09735	4.16	01/05/2024	

Batch 216662		SampType: MS		Units mg/L							
SampID: 23121995-014AMS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead		0.0010	E	0.105	0.1000	0.0003903	105.1	70	130	01/05/2024	

Batch 216662		SampType: MSD		Units mg/L							
SampID: 23121995-014AMSD										RPD Limit: 20	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010	E	0.102	0.1000	0.0003903	101.6	0.1055	3.34	01/05/2024	

Batch 216706		SampType: MBLK		Units mg/L							
SampID: MBLK-216706										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead		0.0010		< 0.0010	0.0002	0	0	-100	100	01/05/2024	

Batch 216706		SampType: LCS		Units mg/L							
SampID: LCS-216706										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lead		0.0010		0.0467	0.0500	0	93.4	85	115	01/05/2024	



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Client: Triangle

Work Order: 23121995

Client Project: RPS-RTI

Report Date: 11-Jan-24

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

Batch 216706		SampType: MS		Units mg/L							
SampID: 23121995-049AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010	E	<b>0.102</b>	0.1000	0.001259	100.7	70	130	01/09/2024	

Batch 216706		SampType: MSD		Units mg/L							
SampID: 23121995-049AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010	E	<b>0.103</b>	0.1000	0.001259	101.4	0.1020	0.69	01/09/2024	

Batch 216706		SampType: MS		Units mg/L							
SampID: 23121995-055AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010	E	<b>0.102</b>	0.1000	0.01603	86.1	70	130	01/08/2024	

Batch 216706		SampType: MSD		Units mg/L							
SampID: 23121995-055AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010		<b>0.0908</b>	0.1000	0.01603	74.7	0.1021	11.76	01/08/2024	

Batch 216709		SampType: MBLK		Units mg/L							
SampID: MBLK-216709											
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	01/05/2024	

Batch 216709		SampType: LCS		Units mg/L							
SampID: LCS-216709											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>0.0467</b>	0.0500	0	93.4	85	115	01/05/2024	

Batch 216709		SampType: MS		Units mg/L							
SampID: 23121995-034AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		0.0010		<b>0.0937</b>	0.1000	0.0004332	93.3	70	130	01/09/2024	

Batch 216709		SampType: MSD		Units mg/L							
SampID: 23121995-034AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Lead		0.0010	E	<b>0.102</b>	0.1000	0.0004332	101.2	0.09371	8.09	01/09/2024	



## Quality Control Results

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Client: Triangle

Work Order: 23121995

Client Project: RPS-RTI

Report Date: 11-Jan-24

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

**Batch 216943**      **SampType: MBLK**      Units mg/L

SamplD: MBLK-216943

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	01/08/2024

**Batch 216943**      **SampType: LCS**      Units mg/L

SamplD: LCS-216943

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.467</b>	0.5000	0	93.5	85	115	01/08/2024

**Batch 216943**      **SampType: MS**      Units mg/L

SamplD: 23121995-025AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.407</b>	0.5000	0.006768	80.1	70	130	01/10/2024

**Batch 216943**      **SampType: MSD**      Units mg/L

SamplD: 23121995-025AMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		0.0010		<b>0.474</b>	0.5000	0.006768	93.5	0.4073	15.17	01/10/2024

**Batch 216943**      **SampType: MS**      Units mg/L

SamplD: 23121995-037AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		<b>0.481</b>	0.5000	0.001885	95.8	70	130	01/10/2024

**Batch 216943**      **SampType: MSD**      Units mg/L

SamplD: 23121995-037AMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead		0.0010		<b>0.494</b>	0.5000	0.001885	98.4	0.4811	2.60	01/10/2024



# Receiving Check List

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

Client: Triangle

Work Order: 23121995

Client Project: RPS-RTI

Report Date: 11-Jan-24

Carrier: John Cable

Received By: LEH

Completed by: *Mary E. Kemp*  
On: *Mary E. Kemp*  
28-Dec-23  
Mary E Kemp

Reviewed by: *Ellie Hopkins*  
On: *Ellie Hopkins*  
28-Dec-23  
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 <u>FOR LAB USE ONLY</u> LAB NOTES:			
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				Client Comments:			
PROJECT NAME/NUMBER <u>RPS-RTI</u>		SAMPLE COLLECTOR'S NAME JOHN W CABLE		# and Type of Containers		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		UNP HNO3 NaOH H2SO4 HCL MeOH NaHSO4 TSP Other <u>LEAD</u>			
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				
			Drinking Water				
			Drinking Water				
Relinquished By JOHN W CABLE <i>John W Cable</i>		Date/Time <u>12/27/23 @ 1430</u>		Received By <i>Santhosha</i>		Date/Time <u>12/27/23 1430</u>	

\*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

RTI

23121995

1-A	DRINKING WATER	LEAD	12/22/23 @ 1200	23121995-001
1-B	DRINKING WATER	LEAD	12/22/23 @ 1200	002
2-A	DRINKING WATER	LEAD	12/22/23 @ 1200	003
2-B	DRINKING WATER	LEAD	12/22/23 @ 1200	004
3-A	DRINKING WATER	LEAD	12/22/23 @ 1200	005
3-B	DRINKING WATER	LEAD	12/22/23 @ 1200	006
4-A	DRINKING WATER	LEAD	12/22/23 @ 1200	007
4-B	DRINKING WATER	LEAD	12/22/23 @ 1200	008
5-A	DRINKING WATER	LEAD	12/22/23 @ 1200	009
5-B	DRINKING WATER	LEAD	12/22/23 @ 1200	010
6-A	DRINKING WATER	LEAD	12/22/23 @ 1200	011
6-B	DRINKING WATER	LEAD	12/22/23 @ 1200	012
7-A	DRINKING WATER	LEAD	12/22/23 @ 1200	013
7-B	DRINKING WATER	LEAD	12/22/23 @ 1200	014
8-A	DRINKING WATER	LEAD	12/22/23 @ 1200	015
8-B	DRINKING WATER	LEAD	12/22/23 @ 1200	016
9-A	DRINKING WATER	LEAD	12/22/23 @ 1200	017
9-B	DRINKING WATER	LEAD	12/22/23 @ 1200	018
10-A	DRINKING WATER	LEAD	12/22/23 @ 1200	019
10-B	DRINKING WATER	LEAD	12/22/23 @ 1200	020
11-A	DRINKING WATER	LEAD	12/22/23 @ 1200	021
11-B	DRINKING WATER	LEAD	12/22/23 @ 1200	022
12-A	DRINKING WATER	LEAD	12/22/23 @ 1200	023
12-B	DRINKING WATER	LEAD	12/22/23 @ 1200	024
13-A	DRINKING WATER	LEAD	12/22/23 @ 1200	025
13-B	DRINKING WATER	LEAD	12/22/23 @ 1200	026
14-A	DRINKING WATER	LEAD	12/22/23 @ 1200	027
14-B	DRINKING WATER	LEAD	12/22/23 @ 1200	028
15-A	DRINKING WATER	LEAD	12/22/23 @ 1200	029
15-B	DRINKING WATER	LEAD	12/22/23 @ 1200	030
16-A	DRINKING WATER	LEAD	12/22/23 @ 1200	031
16-B	DRINKING WATER	LEAD	12/22/23 @ 1200	032
17-A	DRINKING WATER	LEAD	12/22/23 @ 1200	033
17-B	DRINKING WATER	LEAD	12/22/23 @ 1200	034
18-A	DRINKING WATER	LEAD	12/22/23 @ 1200	035
18-B	DRINKING WATER	LEAD	12/22/23 @ 1200	036
19-A	DRINKING WATER	LEAD	12/22/23 @ 1200	037
19-B	DRINKING WATER	LEAD	12/22/23 @ 1200	038
20-A	DRINKING WATER	LEAD	12/22/23 @ 1200	039
20-B	DRINKING WATER	LEAD	12/22/23 @ 1200	040
21-A	DRINKING WATER	LEAD	12/22/23 @ 1200	041
21-B	DRINKING WATER	LEAD	12/22/23 @ 1200	042
22-A	DRINKING WATER	LEAD	12/22/23 @ 1200	043
22-B	DRINKING WATER	LEAD	12/22/23 @ 1200	044
23-A	DRINKING WATER	LEAD	12/22/23 @ 1200	045
23-B	DRINKING WATER	LEAD	12/22/23 @ 1200	046
24-A	DRINKING WATER	LEAD	12/22/23 @ 1200	047

2:51

25121445

24-B	DRINKING WATER	LEAD	12/22/23 @ 1200	23121995-048
25-A	DRINKING WATER	LEAD	12/22/23 @ 1200	049
25-B	DRINKING WATER	LEAD	12/22/23 @ 1200	050
26-A	DRINKING WATER	LEAD	12/22/23 @ 1200	051
26-B	DRINKING WATER	LEAD	12/22/23 @ 1200	052
27-A	DRINKING WATER	LEAD	12/22/23 @ 1200	053
27-B	DRINKING WATER	LEAD	12/22/23 @ 1200	054
28-A	DRINKING WATER	LEAD	12/22/23 @ 1200	055
28-B	DRINKING WATER	LEAD	12/22/23 @ 1200	056
29-A	DRINKING WATER	LEAD	12/22/23 @ 1200	057
29-B	DRINKING WATER	LEAD	12/22/23 @ 1200	058
30-A	DRINKING WATER	LEAD	12/22/23 @ 1200	059
30-B	DRINKING WATER	LEAD	12/22/23 @ 1200	060
31-A	DRINKING WATER	LEAD	12/22/23 @ 1200	to TE MEK 12/28/23
31-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
32-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
32-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
33-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
33-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
34-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
34-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
35-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
35-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
36-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
36-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
37-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
37-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
38-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
38-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
39-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
39-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
40-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
40-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
41-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
41-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
42-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
42-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
43-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
43-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
44-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
44-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
45-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
45-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
46-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
46-B	DRINKING WATER	LEAD	12/22/23 @ 1200	
47-A	DRINKING WATER	LEAD	12/22/23 @ 1200	
47-B	DRINKING WATER	LEAD	12/22/23 @ 1200	

