

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

June 22, 2021

Steve Genesser
TEM Inc
174 N. Brandon Drive
Glendale Heights, IL 60139

Workorder: 2106D08

TEL: (630) 790-0882

FAX:

RE: SD 58 236 Indianapolis Ave Downers Grove IL Drinking Water Analysis

Dear Steve Genesser:

Suburban Laboratories, Inc. received 44 sample(s) on 6/11/2021 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Project Manager
708-544-3260 ext 214
pat@suburbanlabs.com





Client: TEM Inc

Date: June 22, 2021

Project: SD 58 236 Indianapolis Ave Downers Grove IL

PO #:

WorkOrder: 2106D08

QC Level:

Temperature of samples upon receipt at SLI: C

Chain of Custody #:

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

200.8DW:

Sample 2106D08-006A: S=The MS percent recovery for Pb (130.17%) and the MSD percent recovery (131.12%) were outside laboratory control limits (70.0% - 130.0%).

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Client ID: TEM Inc

Report Date: June 22, 2021

Project Name: SD 58 236 Indianapolis Ave Downers Grove IL Drinking

Workorder: 2106D08

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
2106D08-001A	LES 1A Bottle Filler Near Main Office Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-002A	LES 1B Bottle Filler Near Main Office Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-003A	LES 2A Gym Kitchen Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-004A	LES 2B Gym Kitchen Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-005A	LES 3A Room 125 Sink Draw	3.04	2.00	µg/L		6/10/2021	6/22/2021
2106D08-006A	LES 3B Room 125 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-007A	LES 4A Faculty Lurk Rm Sink Draw	7.59	2.00	µg/L		6/10/2021	6/22/2021
2106D08-008A	LES 4B Faculty Lurk Rm Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-009A	LES 5A Faculty Loung Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-010A	LES 5B Faculty Loung Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-011A	LES 6A Sink Outside RM 128-2 Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-012A	LES 6B Sink Outside RM 128-2 Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-013A	LES 7A Sink Outside Rm 128-6 Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-014A	LES 7B Sink Outside Rm 128-6 Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-015A	LES 8A Sink Outside Rm 128-12 Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-016A	LES 8B Sink Outside Rm 128-12 Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-017A	LES 9A Room 115 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-018A	LES 9B Room 115 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-019A	LES 10A Room 114 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-020A	LES 10B Room 114 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-021A	LES 11A Bottler Filler @ Rm 113 Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-022A	LES 11B Bottler Filler @ Rm 113 Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-023A	LES 12A Room 113 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-024A	LES 12B Room 113 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021

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Client ID: TEM Inc

Report Date: June 22, 2021

Project Name: SD 58 236 Indianapolis Ave Downers Grove IL Drinking

Workorder: 2106D08

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
2106D08-025A	LES 13A Room 112 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-026A	LES 13B Room 112 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-027A	LES 14A Room 111 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-028A	LES 14B Room 111 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-029A	LES 15A Room 110 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-030A	LES 15B Room 110 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-031A	LES 16A Bottle Filler Near Rm 113 Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-032A	LES 16B Bottle Filler Near Rm 113 Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-033A	LES 17A Room 108 Sink Draw	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-034A	LES 17B Room 108 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-035A	LES 18A Room 107 Sink Draw	3.10	2.00	µg/L		6/10/2021	6/22/2021
2106D08-036A	LES 18B Room 107 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-037A	LES 19A Room 106 Sink Draw	2.34	2.00	µg/L		6/10/2021	6/22/2021
2106D08-038A	LES 19B Room 106 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-039A	LES 20A Room 105 Sink Draw	4.25	2.00	µg/L		6/10/2021	6/22/2021
2106D08-040A	LES 20B Room 105 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-041A	LES 21A Room 104 Sink Draw	11.5	2.00	µg/L		6/10/2021	6/22/2021
2106D08-042A	LES 21B Room 104 Sink Flush	ND	2.00	µg/L		6/10/2021	6/22/2021
2106D08-043A	LES 22A Room 103 Sink Draw	3.24	2.00	µg/L		6/10/2021	6/22/2021
2106D08-044A	LES 22B Room 103 Sink Flush	5.09	2.00	µg/L		6/10/2021	6/22/2021



SUBURBAN
TESTING LABS

Chain of Custody Record
1037F MacArthur Road, Reading, PA 19605
610-375-TEST - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Check One) Standard 24hr 48hr 72hr Other
Additional charges may apply for rush TAT. If not specified, standard TAT will apply.

Order ID: _____

Client Name: TEM Environmental, Inc.
Address: 174 N. Brandon Drive
Glendale Heights, IL 60139
Contact Name: Steven Geneser
Phone: 630-790-0880
Email: sgeneser@tem-inc.com
P.O. Info: _____

Project Name: SD 58 - Lead Water Sampling
Address: 236 Foxborough Ave
Downers Grove, IL
Regulatory ID (SDWA/Permit #): _____

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
LES-5A	Facility Leverage SAK	06/21	0807	CT	Lead	250ML	PW	G	P	NA	2106085 9A
LES-5B	"	"	"	"	Lead	250ML	PW	G	P	NA	
LES-6A	Soil outside Am BSL	"	0810	"	Lead	250ML	PW	G	P	NA	
LES-6B	"	"	"	"	Lead	250ML	PW	G	P	NA	
LES-7A	Soil Outside Am BSL	"	0612	"	Lead	250ML	PW	G	P	NA	
LES-7B	"	"	"	"	Lead	250ML	PW	G	P	NA	
LES-8A	Soil Outside Am BSL	"	0614	"	Lead	250ML	PW	G	P	NA	
LES-8B	"	"	"	"	Lead	250ML	PW	G	P	NA	162

Relinquished By: _____
 Date: 06/10/21 Time: 0835 Temp °C: _____
 Received in Lab By: _____
 Date: 6/11/21 Time: 10:07 Temp °C: _____
 Date: _____ Time: _____ Temp °C: _____
 Date: _____ Time: _____ Temp °C: _____

Submitted with COC? Y / N
 Number of containers match number on COC? Y / N
 All containers in tact? Y / N
 Tests within holding times? Y / N
 40 mL VOA vials free of headspace? Y / N

Matrix Key
 NPW = Non-Potable Water
 Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)
 PW = Potable Water (not for SDWA compliance)
 SDWA = Safe Drinking Water Act Potable Sample

Sample Type Key
 G = Grab
 C = Composite
 8HC = 8 Hr. Composite
 24HC = 24 Hr. Composite

SDWA Sample Types
 D-Distribution
 E-Entry Point
 R-Raw
 C-Check
 S-Special
 M-Maximum Residence

Bottle Type Key
 P = Plastic
 G = Glass
 GA = Glass Amber
 VOA = 40mL G or GA
 O = Other

Preservative Key
 A = Ascorbic Acid
 C = HCl
 H = HNO₃
 N = Sodium Thiosulfate
 OH = NaOH
 S = H₂SO₄
 O = Other
 NA = None Required

PP = Sterile Polypropylene
 PS = Sterile Polystyrene
 HJPE = High Density Polyethylene
 O = Other

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. STL-059 Rev. 1.5 Effective April 24, 2020. Shaded areas are for STL use only.



SUBURBAN TESTING LABS

Chain of Custody Record
 1037F MacArthur Road, Reading, PA 19605
 610-375-TEST - Fax: 610-375-4090 - suburbantestinglabs.com

TAT(Check One) Standard 24hr 48hr 72hr Other
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: **TEM Environmental, Inc.**
 Address: **174 N. Brandon Drive**
Glendale Heights, IL 60139

Phone: **630-790-0880**

Email: **sgeneser@tem-inc.com**

Contact Name: **Steven Geneser**

P.O. Info: _____

Project Name: **SD 58 - Lead Water Sampling**

Address: **236 Taliaferro Ave**
Bement Grove, IL

Regulatory ID (SDWA/Permit #): _____

Comments: _____

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	See Codes Below				Comments / Field Data:	
						Bottle Quantity	Matrix	Sample Type	Bottle Type		Preservative
155-9A	Room 115-sink	6/10/21	0619	CT	Lead	250ML	PW	G	P	NA	210GD08 1A
155-9B	"	"	"	"	Lead	250ML	PW	G	P	NA	
155-10A	Room 114 sink	"	0620	"	Lead	250ML	PW	G	P	NA	
155-10B	"	"	"	"	Lead	250ML	PW	G	P	NA	
155-11A	Bottle Filler Bldg 113	"	0622	"	Lead	250ML	PW	G	P	NA	
155-11B	"	"	"	"	Lead	250ML	PW	G	P	NA	
155-12A	Room 113 sink	"	0625	"	Lead	250ML	PW	G	P	NA	
155-12B	"	"	"	"	Lead	250ML	PW	G	P	NA	28A

Relinquished By: _____	Count	Date: 6/10/21	Temp °C: _____	Submitted with COC? Y / N	Sample Conditions	Matrix Key	SDWA Sample Types	Bottle Type Key
Received By: <i>[Signature]</i>		Time: 0935	Temp °C: _____		Number of containers match number on COC? Y / N	NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (incl for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence	P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Styrene Polystyrene HDPE = High Density Polyethylene O = Other
Relinquished By: _____		Date: 6/11/21	Temp °C: _____		All containers in tact? Y / N	Sample Type Key	A = Ascorbic Acid C = HCl H = HNO ₃ N = Sodium Thiosulfate	OH = NaOH S = H ₂ SO ₄ O = Other NA = None Required
Received in Lab By: _____		Date: 6/10/21	Temp °C: _____		Tests within holding times? Y / N	G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite		
		Date: 6/10/21	Temp °C: _____		40 mL VOA vials free of headspace? Y / N			

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.5 Effective April 24, 2020.
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Chain of Custody Record
 1037F MacArthur Road, Reading, PA 19605
 610-375-TEST - Fax: 610-375-4090 - suburbantestinglabs.com

TAT/Check One: Standard 24hr 48hr 72hr Other
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: TEM Environmental, Inc.
 Address: 174 N. Brandon Drive
 Glendale Heights, IL 60139
 Contact Name: Steven Geneser
 Phone: 630-790-0880
 Email: sgeneser@tem-inc.com
 P.O. Info: _____

Project Name: SD 58 - Lead Water Sampling
 Address: 235 E. Jacksonopolis Ave
 Downers Grove, IL
 Regulatory ID (SDWA/Permit #): _____

STL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
LS-21A	Room 104 sink	6/19/21	0642	CT	Lead	250ML	PW	G	P	NA	11/008 41A
LS-21B	"		"		Lead	250ML	PW	G	P	NA	
LS-22A	Room 103 sink		0645		Lead	250ML	PW	G	P	NA	
LS-22B	"				Lead	250ML	PW	G	P	NA	41A
					Lead	250ML	PW	G	P	NA	
					Lead	250ML	PW	G	P	NA	
					Lead	250ML	PW	G	P	NA	

Relinquished By: _____
 Received By: *Steven Geneser*
 Date: 6/19/21
 Time: 09:35
 Temp °C: _____
 Acceptable: Y / N

Relinquished By: _____
 Received By: *S. Geneser*
 Date: 6/11/21
 Time: 16:07
 Temp °C: _____
 Acceptable: Y / N

Received in Lab By: _____
 Date: _____
 Time: _____
 Temp °C: _____
 Acceptable: Y / N

Sample Conditions: Submitted with COC? Y / N
 Number of containers match number on COC? Y / N
 All containers in tact? Y / N
 Tests within holding times? Y / N
 40 mL VOA vials free of headspace? Y / N

Matrix Key: NPW = Non-Potable Water
 Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)
 PW = Potable Water (not for SDWA compliance)
 SDWA = Safe Drinking Water Act Potable Sample

Sample Type Key: G = Grab
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 24HC = 24 Hr. Composite

SDWA Sample Types: D=Distribution
 E=Entry Point
 R=Raw
 C=Check
 S=Special
 M=Maximum Residence

Bottle Type Key: P = Plastic
 G = Glass
 GA = Glass Amber
 VOA = 40mL G or GA
 O = Other

Preservative Key: OH = NaOH
 S = H₂SO₄
 O = Other
 NA = None Required

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