

# ARRO Laboratory, Inc.

Est. 1965

P.O. Box 686 Caton Farm Road  
Joliet, Illinois 60434

Phone: 815-727-5436  
FAX 815-740-3234

## Drinking Water Analysis

Batch 171027F

**Customer:** STEVE GENESER  
**Company:** TEM ENVIRONMENTAL  
**Address:** 443 DUANE ST  
**City/State/Zip:** GLEN ELLYN , IL 60137

**P.O. Number:**  
**Date Received:** 10/27/2017  
**Date Complete:** 11/20/2017

**Sample ID** 416593 **Sample Description** HMS01A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	5.89	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416594 **Sample Description** HMS01B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416595 **Sample Description** HMS02A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416596 **Sample Description** HMS02B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416597 **Sample Description** HMS03A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416598 **Sample Description** HMS03B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2



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**Sample ID** 416599      **Sample Description** HMS04A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	12.5	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416600      **Sample Description** HMS04B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416601      **Sample Description** HMS05A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	5.46	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416602      **Sample Description** HMS05B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416603      **Sample Description** HMS06A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.72	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416604      **Sample Description** HMS06B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416605      **Sample Description** HMS07A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
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Lead < 2.00 µg/L JR 11/15/17 11:15 200.5R4.2

**Sample ID** 416606 **Sample Description** HMS07B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416607 **Sample Description** HMS08A-BF **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.19	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416608 **Sample Description** HMS09A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416609 **Sample Description** HMS09B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

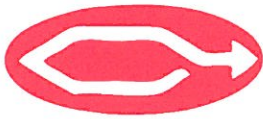
**Sample ID** 416610 **Sample Description** HMS10A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416611 **Sample Description** HMS10B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2





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**Sample ID** 416612      **Sample Description** HMS11A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416613      **Sample Description** HMS11B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416614      **Sample Description** HMS12A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416615      **Sample Description** HMS12B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416616      **Sample Description** HMS13A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.74	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416617      **Sample Description** HMS13B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416618      **Sample Description** HMS14A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2



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**Sample ID** 416619      **Sample Description** HMS14B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/15/17 11:15	200.5R4.2

**Sample ID** 416620      **Sample Description** HMS15A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416621      **Sample Description** HMS15B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416622      **Sample Description** HMS16A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	6.98	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416623      **Sample Description** HMS16B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416624      **Sample Description** HMS17A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416625      **Sample Description** HMS17B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
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Lead < 2.00 µg/L JR 11/16/17 9:52 200.5R4.2

**Sample ID** 416626 **Sample Description** HMS18A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416627 **Sample Description** HMS19A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416628 **Sample Description** HMS19B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416629 **Sample Description** HMS20A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416630 **Sample Description** HMS20B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416631 **Sample Description** HMS21A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2





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**Sample ID** 416632      **Sample Description** HMS21B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416633      **Sample Description** HMS21A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.84	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416634      **Sample Description** HMS21B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416635      **Sample Description** HMS22A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	16.1	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416636      **Sample Description** HMS22B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	14.1	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416637      **Sample Description** HMS23A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416638      **Sample Description** HMS23B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2



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**Sample ID** 416639      **Sample Description** HMS25A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416640      **Sample Description** HMS25B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416641      **Sample Description** HMS26A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.79	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416642      **Sample Description** HMS26B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.75	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416643      **Sample Description** HMS27A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416644      **Sample Description** HMS27B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416645      **Sample Description** HMS28A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
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Lead < 2.00 µg/L JR 11/16/17 9:52 200.5R4.2

**Sample ID** 416646 **Sample Description** HMS28B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416647 **Sample Description** HMS29A-BF **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416648 **Sample Description** HMS30A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.92	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416649 **Sample Description** HMS30B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416650 **Sample Description** HMS31A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416651 **Sample Description** HMS31B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2



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**Sample ID** 416652      **Sample Description** HMS32A-BF      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416653      **Sample Description** HMS33A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	7.15	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416654      **Sample Description** HMS33B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416655      **Sample Description** HMS34A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	13.2	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416656      **Sample Description** HMS34B      **Sample Date** 10/26/2017 5:30:00 A

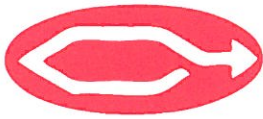
Analyte	Concentration	Units	Analyst	Date	Method
Lead	4.15	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416657      **Sample Description** HMS35A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416658      **Sample Description** HMS35B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.94	µg/L	JR	11/16/17 9:52	200.5R4.2



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**Sample ID** 416659      **Sample Description** HMS36A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	4.34	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416660      **Sample Description** HMS36B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416661      **Sample Description** HMS37A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416662      **Sample Description** HMS37B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	16.9	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416663      **Sample Description** HMS38A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	11.3	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416664      **Sample Description** HMS38B      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.02	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416665      **Sample Description** HMS39A      **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
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Lead < 2.00 µg/L JR 11/16/17 9:52 200.5R4.2

**Sample ID** 416666 **Sample Description** HMS39B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416667 **Sample Description** HMS40A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.16	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416668 **Sample Description** HMS40B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416669 **Sample Description** HMS41A **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416670 **Sample Description** HMS41B **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2

**Sample ID** 416671 **Sample Description** HMS42A-BF **Sample Date** 10/26/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/16/17 9:52	200.5R4.2



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I CERTIFY THAT THE RESULTS RELATE ONLY TO THE SAMPLES AND I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE, COMPLETE AND ACCURATE. I ALSO CERTIFY THAT THE TEST RESULTS MEET ALL THE REQUIREMENTS OF NELAC. Illinois EPA Certification Number 100280. Refer to most current certificate for list of accredited parameters.

APPROVED BY Joan Rolih.....

11/20/2017

Joan Rolih, Director

Comments: