



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 171027E

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 11/17/2017

Sample ID 416526 Sample Description HCE01A Sample Date 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416527 Sample Description HCE01B Sample Date 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416528 Sample Description HCE02A Sample Date 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416529 Sample Description HCE02B Sample Date 10/24/2017 5:30:00 A

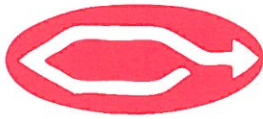
Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416530 Sample Description HCE03A Sample Date 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416531 Sample Description HCE03B Sample Date 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2



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Sample ID 416532 **Sample Description** HCE04A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.68	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416533 **Sample Description** HCE04B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416534 **Sample Description** HCE05A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416535 **Sample Description** HCE05B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416536 **Sample Description** HCE06A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.69	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416537 **Sample Description** HCE06B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416538 **Sample Description** HCE07A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
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Lead < 2.00 µg/L JR 11/14/17 8:09 200.5R4.2

Sample ID 416539 **Sample Description** HCE07B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416540 **Sample Description** HCE08A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416541 **Sample Description** HCE08B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416542 **Sample Description** HCE09A **Sample Date** 10/24/2017 5:30:00 A

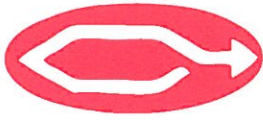
Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416543 **Sample Description** HCE09B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416544 **Sample Description** HCE10A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.00	µg/L	JR	11/14/17 8:09	200.5R4.2



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Sample ID 416545 **Sample Description** HCE10B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416546 **Sample Description** HCE11A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	4.27	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416547 **Sample Description** HCE11B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416548 **Sample Description** HCE12A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416549 **Sample Description** HCE12B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416550 **Sample Description** HCE13A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.51	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416551 **Sample Description** HCE13B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2



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Sample ID 416552 **Sample Description** HCE14A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	< 2.00	µg/L	JR	11/14/17 8:09	200.5R4.2

Sample ID 416553 **Sample Description** HCE14B **Sample Date** 10/24/2017 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 416554 **Sample Description** HCE15A **Sample Date** 10/24/2017 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 416555 **Sample Description** HCE15B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.08	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416556 **Sample Description** HCE16A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	4.14	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416557 **Sample Description** HCE16B **Sample Date** 10/24/2017 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 416558 **Sample Description** HCE17A **Sample Date** 10/24/2017 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 416559 **Sample Description** HCE17B **Sample Date** 10/24/2017 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 416560 **Sample Description** HCE18A **Sample Date** 10/24/2017 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 416561 **Sample Description** HCE18B **Sample Date** 10/24/2017 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 416562 **Sample Description** HCE19A **Sample Date** 10/24/2017 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 416563 **Sample Description** HCE19B **Sample Date** 10/24/2017 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 416564 **Sample Description** HCE20A **Sample Date** 10/24/2017 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 416565 **Sample Description** HCE20B **Sample Date** 10/24/2017 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 416566 **Sample Description** HCE21A **Sample Date** 10/24/2017 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 416567 **Sample Description** HCE22A **Sample Date** 10/24/2017 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 416568 **Sample Description** HCE22B **Sample Date** 10/24/2017 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 416569 **Sample Description** HCE23A **Sample Date** 10/24/2017 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 416570 **Sample Description** HCE23B **Sample Date** 10/24/2017 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 416571 **Sample Description** HCE24A **Sample Date** 10/24/2017 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 416572 **Sample Description** HCE24B **Sample Date** 10/24/2017 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 416573 **Sample Description** HCE25A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	6.10	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416574 **Sample Description** HCE25B **Sample Date** 10/24/2017 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 416575 **Sample Description** HCE26A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.89	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416576 **Sample Description** HCE26B **Sample Date** 10/24/2017 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 416577 **Sample Description** HCE27A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.48	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416578 **Sample Description** HCE27B **Sample Date** 10/24/2017 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 416579 **Sample Description** HCE28A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	12.4	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416580 **Sample Description** HCE28B **Sample Date** 10/24/2017 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 416581 **Sample Description** HCE29A **Sample Date** 10/24/2017 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 416582 **Sample Description** HCE29B **Sample Date** 10/24/2017 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 416583 **Sample Description** HCE30A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	5.31	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416584 **Sample Description** HCE30B **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.20	µg/L	JR	11/15/17 11:15	200.5R4.2



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Sample ID 416585 **Sample Description** HCE31A **Sample Date** 10/24/2017 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 416586 **Sample Description** HCE31B **Sample Date** 10/24/2017 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 416587 **Sample Description** HCE32A **Sample Date** 10/24/2017 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 416588 **Sample Description** HCE32B **Sample Date** 10/24/2017 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 416589 **Sample Description** HCE33A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	3.39	µg/L	JR	11/15/17 11:15	200.5R4.2

Sample ID 416590 **Sample Description** HCE33B **Sample Date** 10/24/2017 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 416591 **Sample Description** HCE34A **Sample Date** 10/24/2017 5:30:00 A

Analyte	Concentration	Units	Analyst	Date	Method
Lead	16.5	µg/L	JR	11/15/17 11:15	200.5R4.2



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Sample ID 416592	Sample Description HCE34B	Sample Date 10/24/2017 5:30:00 A
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Analyte	Concentration	Units	Analyst	Date	Method
Lead	2.47	µg/L	JR	11/15/17 11:15	200.5R4.2

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
 Comments: Joan Rolih, Director