



NELAC NJ11005
 EPA NJ01186
 PADEP 68-05417
 NYDOH NY12046
 BWON Approved



380 Scotch Road
 Ewing, NJ 08628
 609-737-3477 (p)
www.njal.com

CERTIFICATE OF ANALYSIS

NJ11005 / NY12046

Project Name:	Questar III	Workorder:	N041698
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Jeremy Smith
 CNA Environmental
 27 Kent St
 Ballston Spa, NY 12020

Project Name and Number: **Questar III**

November 09, 2016

Dear Jeremy Smith,

This report relates only to the sample(s) as received by the laboratory. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your NJAL Environmental project coordinator or laboratory manager listed at the bottom of this report at (609)-737-3477

Note: This coverpage is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stephen Withers
 Laboratory Manager

Stephen Withers



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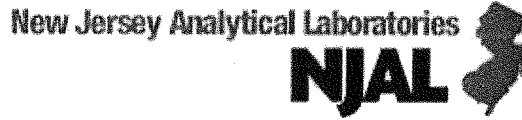


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Total Metals by EPA 200.8

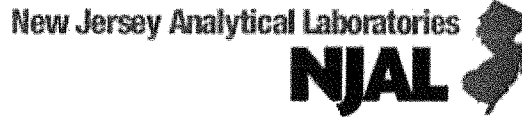
Date Received: 10/21/16 11:31

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed
N041698-02	Lead	EPA 200.8	9.32	0.50	ug/L	15	Rens Edu Ctr-02	10/6/16 05:37	10/30/16 18:50
N041698-04	Lead	EPA 200.8	19.1	0.50	ug/L	15	Rens Edu Ctr-04	10/6/16 05:37	10/30/16 18:52
N041698-05	Lead	EPA 200.8	92.1	0.50	ug/L	15	Rens Edu Ctr-05	10/6/16 05:37	10/30/16 18:54
N041698-06	Lead	EPA 200.8	5.87	0.50	ug/L	15	Rens Edu Ctr-06	10/6/16 05:37	10/30/16 18:56
N041698-07	Lead	EPA 200.8	5.49	0.50	ug/L	15	Rens Edu Ctr-07	10/6/16 05:37	10/30/16 18:58
N041698-08	Lead	EPA 200.8	4.27	0.50	ug/L	15	Rens Edu Ctr-08	10/6/16 05:37	10/30/16 19:01
N041698-09	Lead	EPA 200.8	1.73	0.50	ug/L	15	Rens Edu Ctr-09	10/6/16 05:37	10/30/16 19:03
N041698-10	Lead	EPA 200.8	6.56	0.50	ug/L	15	Rens Edu Ctr-10	10/6/16 05:37	10/30/16 19:05
N041698-11	Lead	EPA 200.8	2.03	0.50	ug/L	15	Rens Edu Ctr-11	10/6/16 05:37	10/30/16 19:07
N041698-12	Lead	EPA 200.8	2.85	0.50	ug/L	15	Rens Edu Ctr-12	10/6/16 05:37	10/30/16 19:18
N041698-13	Lead	EPA 200.8	6.08	0.50	ug/L	15	Rens Edu Ctr-13	10/6/16 05:37	10/30/16 19:20
N041698-14	Lead	EPA 200.8	0.69	0.50	ug/L	15	Rens Edu Ctr-14	10/6/16 05:37	10/30/16 19:22
N041698-15	Lead	EPA 200.8	3.84	0.50	ug/L	15	Rens Edu Ctr-15	10/6/16 05:37	10/30/16 19:24
N041698-16	Lead	EPA 200.8	5.61	0.50	ug/L	15	Rens Edu Ctr-16	10/6/16 05:37	10/30/16 19:26
N041698-17	Lead	EPA 200.8	5.74	0.50	ug/L	15	Rens Edu Ctr-17	10/6/16 05:37	10/30/16 19:28
N041698-18	Lead	EPA 200.8	8.01	0.50	ug/L	15	Rens Edu Ctr-18	10/6/16 05:37	10/30/16 19:30
N041698-19	Lead	EPA 200.8	1.64	0.50	ug/L	15	Rens Edu Ctr-19	10/6/16 05:37	10/30/16 19:32
N041698-20	Lead	EPA 200.8	2.65	0.50	ug/L	15	Rens Edu Ctr-20	10/6/16 05:37	10/30/16 19:37
N041698-21	Lead	EPA 200.8	353	0.50	ug/L	15	Rens Edu Ctr-21	10/6/16 05:37	10/30/16 19:39
N041698-22	Lead	EPA 200.8	0.99	0.50	ug/L	15	Rens Edu Ctr-22	10/6/16 05:37	10/30/16 19:50
N041698-23	Lead	EPA 200.8	3.89	0.50	ug/L	15	Rens Edu Ctr-23	10/6/16 05:37	10/30/16 19:52
N041698-24	Lead	EPA 200.8	3.62	0.50	ug/L	15	Rens Edu Ctr-24	10/6/16 05:37	10/30/16 19:54
N041698-25	Lead	EPA 200.8	5.13	0.50	ug/L	15	Rens Edu Ctr-25	10/6/16 05:37	10/30/16 19:56
N041698-26	Lead	EPA 200.8	2.29	0.50	ug/L	15	Rens Edu Ctr-26	10/6/16 05:37	10/30/16 19:58
N041698-27	Lead	EPA 200.8	2.07	0.50	ug/L	15	Rens Edu Ctr-27	10/6/16 05:37	10/30/16 20:00
N041698-28	Lead	EPA 200.8	6.48	0.50	ug/L	15	Rens Edu Ctr-28	10/6/16 05:37	10/30/16 20:02
N041698-29	Lead	EPA 200.8	3.64	0.50	ug/L	15	Rens Edu Ctr-29	10/6/16 05:37	10/30/16 20:05
N041698-30	Lead	EPA 200.8	8.72	0.50	ug/L	15	Rens Edu Ctr-30	10/6/16 05:37	10/30/16 20:07
N041698-31	Lead	EPA 200.8	2.59	0.50	ug/L	15	Rens Edu Ctr-31	10/6/16 05:37	10/30/16 20:09
N041698-32	Lead	EPA 200.8	ND	0.50	ug/L	15	Rens Edu Ctr-32	10/6/16 05:37	10/31/16 11:54
N041698-33	Lead	EPA 200.8	ND	0.50	ug/L	15	Rens Edu Ctr-33	10/6/16 05:37	10/31/16 11:56
N041698-34	Lead	EPA 200.8	ND	0.50	ug/L	15	Rens Edu Ctr-34	10/6/16 05:37	10/31/16 11:58

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Total Metals by EPA 200.8

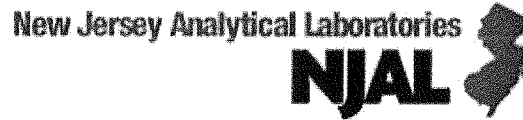
Date Received: 10/21/16 11:31

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed
N041698-35	Lead	EPA 200.8	1.80	0.50	ug/L	15	Rens Edu Ctr-35	10/6/16 05:37	10/31/16 12:00
N041698-37	Lead	EPA 200.8	3.30	0.50	ug/L	15	Rens Edu Ctr-37	10/6/16 05:37	10/31/16 12:03
N041698-38	Lead	EPA 200.8	3.25	0.50	ug/L	15	Rens Edu Ctr-38	10/6/16 05:37	10/31/16 12:05
N041698-39	Lead	EPA 200.8	4.84	0.50	ug/L	15	Rens Edu Ctr-39	10/6/16 05:37	10/31/16 12:07
N041698-40	Lead	EPA 200.8	1.96	0.50	ug/L	15	Rens Edu Ctr-40	10/6/16 05:37	10/31/16 12:09
N041698-41	Lead	EPA 200.8	4.42	0.50	ug/L	15	Rens Edu Ctr-41	10/6/16 05:37	10/31/16 12:11
N041698-42	Lead	EPA 200.8	4.86	0.50	ug/L	15	Rens Edu Ctr-42	10/6/16 05:37	10/31/16 12:13

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Notes and Definitions

U	Compound not detected
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Detection Limit (RDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
MCL/AL	Maximum Contaminant Level/Action Level
mg/kg wet	Results reported as wet weight
TTLIC	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure

All work performed by New Jersey Analytical Laboratories LLC, is subject to our terms and conditions of services viewable at our office and our website: <http://www.njal.com/About-NJAL/Terms-and-Conditions.aspx>

Stephen Withrow

41698

CLIENT INFORMATION

Name: Questar III
 Address: 10 Empire State
 Client Rep:

Date of Sampling: PS
 Samples Taken By: 10-6-16
 Samples Taken By:

Missing #1
#43 10-29 preelme
10-30 preelme

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME: Rensselaer Education Center
 BLDG ADDRESS: 35 Colleen Road Troy, NY 12180
 CONTACT NAME & NUMBERS:

(1) Yr. Built: (2) Yr 1st Add: (3) Yr 2nd Add: (4) Yr 1st Mod: (5) Yr. 2nd Mod:

reported All but #1/#43
11/9/16

SAMPLE DATA

Sample Description ID (ID must match container label)				Outlet Information					
Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Make & Model	Construct. Date	First Draw	Time of Collection (24hr)	30 Second Flush Draw	Time of Collection (24hr)
✓ 1	REC-01-US-P-01	Rm 7E	Utility Sink <u>Hose Spigot</u>			X	5:37		
✓ 2	REC-01-BF-P-02	Rm 7E Bathroom	Bathroom Faucet			X	5:37		
3	REC-01-US-P-03	Rm 7E	Utility Sink			X			
✓ 4	REC-01-BF-P-04	Rm 6 Bathroom	Bathroom Faucet			X	5:42		
✓ 5	REC-01-DW-P-05	Rm 6	Water Fountain			X	5:42		
✓ 6	REC-01-US-P-06	Rm 9	Utility Sink			X	5:44		
✓ 7	REC-01-US-P-07	Rm 9	Utility Sink			X	5:44		
✓ 8	REC-01-DW-P-08	Rm 9	Water Fountain			X	5:44		
✓ 9	REC-01-HS-P-09	Rm 9	Hose Spigot			X	5:44		
✓ 10	REC-01-BF-P-10	Rm 9 Bathroom	Bathroom Faucet			X	5:45		
✓ 11	REC-01-US-P-11	Rm 10	Utility Faucet			X	5:47		
✓ 12	REC-01-DW-P-12	Rm 10	Water Fountain			X	5:47		
✓ 13	REC-01-BF-P-13	Rm 10 Bathroom	Utility Faucet			X	5:48		
✓ 14	REC-01-BF-P-14	Rm 5A Bathroom	Bathroom Faucet			X	5:48		
✓ 15	REC-01-US-P-15	Rm 4	Utility Faucet			X	5:49		
✓ 16	REC-01-BF-P-16	Rm 4 Bathroom	Bathroom Faucet			X	5:49		
✓ 17	REC-01-BF-P-17	Ladies Bathroom by Rm 4	Bathroom Faucet			X	5:50		
✓ 18	REC-01-BF-P-18	Mens Bathroom by Rm 4	Bathroom Faucet			X	5:50		
✓ 19	REC-01-DW-P-19	Corr by Rm 4	Water Fountain			X	5:51		
✓ 20	REC-01-US-P-20	Rm 3A Back	Utility Faucet			X	5:52		

All containers are pre-cleaned/pre-certified 250ml plastic bottles and will be preserved w/HNO3@ pH by lab

CHAIN OF CUSTODY

Relinquished By: _____ Received By: ML/SGL Time: 11:00 Date: 10/16/16

INSTRUCTIONS TO THE LABORATORY - Analyze all samples for both lead and copper (Pb and Cu)

Lab: _____
 Contact: _____
 Comments: Provide Laboratory Data Report (LDR) and Chain of Custody

CLIENT INFORMATION

Name: Questar III
 Address: 10 Empire State
 Client Rep:

Date of Sampling: PS
 Samples Taken By: 10-6-16
 Samples Taken By:

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME: Rensselaer Education Center
 BLDG ADDRESS: 35 Colleen Road Troy, NY 12180
 CONTACT NAME & NUMBERS:

(1) Yr. Built (2) Yr 1st Add: (3) Yr 2nd Add: (4) Yr 1st Mod: (5) Yr. 2nd Mod:

SAMPLE DATA

Sample Description ID (ID must match container label)				Outlet Information									
Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Make & Model	Construct. Date	First Draw	Time of Collection (24hr)	30 Second Flush Draw	Time of Collection (24hr)	Service Connection Draw	Time of Collection (24hr)	Water Main Draw	Time of Collection (24hr)
✓ 21	REC-01-HS-P-21	Exterior of Rm 3A Back	Hose Spigot			X	5:54						
✓ 22	REC-01-US-P-22	Rm 14 Closet	Utility Faucet			X	5:56						
✓ 23	REC-01-US-P-23	Rm 14	Utility Faucet			X	5:56						
✓ 24	REC-01-US-P-24	Rm 28 Staff Rm	Utility Faucet			X	5:57						
✓ 25	REC-01-BF-P-25	Ladies Bathroom by Rm	Bathroom Faucet			X	5:57						
✓ 26	REC-01-BF-P-26	Mens Bathroom by Rm 18	Bathroom Faucet			X	5:57						
✓ 27	REC-01-DW-P-27	Corr by Rm 18	Water Fountain			X	5:58						
✓ 28	REC-01-US-P-28	Rm 27	Utility Faucet 1			X	6:01						
✓ 29	REC-01-US-P-29	Rm 27	Utility Faucet 2			X	6:01						
✓ 30	REC-01-US-P-30	Rm 27	Utility Faucet 3			X	6:01						
✓ 31	REC-01-SP-P-31	Rm 27	Sprayer			X	6:02						
✓ 32	REC-01-IM-P-32	Rm 27	Ice Machine			X	6:02						
✓ 33	REC-01-US-P-33	Rm 20 Back Rm	Utility Faucet			X	6:03						
✓ 34	REC-01-US-P-34	Rm 26	Utility Faucet 1			X	6:05						
✓ 35	REC-01-US-P-35	Rm 26	Utility Faucet 2			X	6:05						

All containers are pre-cleaned/pre-certified 250ml plastic bottles and will be preserved w/HNO3@ pH by lab

CHAIN OF CUSTODY

Relinquished By: _____ Received By: TRC 1/4/16 Time: 11:00 Date: 10/27/16

INSTRUCTIONS TO THE LABORATORY - Analyze all samples for both lead and copper (Pb and Cu)

Lab: _____
 Contact: _____
 Comments: Provide Laboratory Data Report (LDR) and Chain of Custody

CLIENT INFORMATION

Name:	Questar III
Address:	10 Empire State
Client Rep:	

Date of Sampling:	PS
Samples Taken By:	10-6-16
Samples Taken By:	

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME:	Rensselaer Education Center
BLDG ADDRESS:	35 Colleen Road Troy, NY 12180
CONTACT NAME & NUMBERS:	

(1) Yr. Built	(2) Yr 1st Add:	(3) Yr 2nd Add:	(4) Yr 1st Mod:	(5) Yr. 2nd Mod:

SAMPLE DATA

Sample Description ID (ID must match container label)				Outlet Information									
Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Make & Model	Construct. Date	First Draw	Time of Collection (24hr)	30 Second Flush Draw	Time of Collection (24hr)	Service Connection Draw	Time of Collection (24hr)	Water Main Draw	Time of Collection (24hr)
36	REC-01-US-P-36	Rm 26	Utility Faucet 3			X							
✓37	REC-01-SP-P-37	Rm 26	Sprayer			X	6:05						
✓38	REC-01-BF-P-38	Ladies Bathroom by Nurse	Bathroom Faucet			X	6:09						
✓39	REC-01-BF-P-39	Mens Bathroom by Nurse	Bathroom Faucet			X	6:09						
✓40	REC-01-US-P-40	Nurse Office Rm 25	Utility Faucet			X	6:10						
✓41	REC-01-US-P-41	RM 2E	Utility Faucet			X	5:38						
✓42	REC-01-BF-P-42	RM 3 Bathroom	Bathroom Faucet			X	5:55						
✓43	REC-01-US-P-43	RM 27	Utility faucet			X	6:01						
						X							
						X							
						X							
						X							
						X							
						X							
						X							
						X							
						X							
						X							

All containers are pre-cleaned/pre-certified 250ml plastic bottles and will be preserved w/HNO3@ pH by lab

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:	Date:
	MLTSEL	11:00	10/6/16

INSTRUCTIONS TO THE LABORATORY - Analyze all samples for both lead and copper (Pb and Cu)

Lab:	
Contact:	
Comments: Provide Laboratory Data Report (LDR) and Chain of Custody	