

Monmouth Ocean  
Educational Services Commission  
100 Tornillo Way  
&  
900 Hope Rd.  
Tinton Falls, NJ 07712

Analytical Results for Lead

JR Henderson Labs, Inc.  
123 Seaman Ave.  
Beachwood, NJ 08722  
732-341-1211  
Lab #15083

# J. R. HENDERSON LABS, INC

123 Seaman Ave.

Beachwood, New Jersey 08722

732-341-1211 Fax 732-505-1658

Lab ID #15083

Monmouth Ocean Educational Services Commission  
100 Tornillo Way  
Tinton Falls, NJ 07712

Sample Date: 2-18-17

SAMPLE #	SAMPLE LOCATION	SAMPLE TIME	ANALYTE NAME/ CODE	RESULTS UG/L	ANALYTICAL METHOD	ANALYSIS DATE / TIME
17-1041.1	Field Blank #1	08:03	LEAD/1030	<1.00	200.9	2-22-17 10:02
17-1041.2	Hall/Southside-next to 201	08:05	LEAD/1030	<1.00	200.9	2-22-17 11:15
17-1041.3	Hall/Southside-next to 201	09:08	LEAD/1030	<1.00	200.9	2-22-17 10:22
17-1041.4	Teachers' Lounge/C204	08:07	LEAD/1030	<1.00	200.9	2-22-17 11:19
17-1041.5	Teachers' Lounge/C204	08:08	LEAD/1030	<1.00	200.9	2-22-17 10:22
17-1041.6	Hall/Northside-next to A116	08:11	LEAD/1030	<1.00	200.9	2-22-17 11:24
17-1041.7	Hall/Northside-next to A116	09:25	LEAD/1030	<1.00	200.9	2-22-17 10:30
17-1041.8	Nurse's Office/A116	08:14	LEAD/1030	<1.00	200.9	2-22-17 11:28
17-1041.9	Nurse's Office/A116	08:15	LEAD/1030	<1.00	200.9	2-22-17 10:35
17-1041.10	Bathroom/123	08:20	LEAD/1030	<1.00	200.9	2-22-17 12:09
17-1041.11	Bathroom/123	08:21	LEAD/1030	<1.00	200.9	2-22-17 10:39
17-1041.12	Bathroom/125	08:23	LEAD/1030	<1.00	200.9	2-22-17 12:13
17-1041.13	Bathroom/125	08:24	LEAD/1030	<1.00	200.9	2-22-17 10:43
17-1041.14	Bathroom/123	08:27	LEAD/1030	<1.00	200.9	2-22-17 12:18
17-1041.15	Bathroom/123	08:28	LEAD/1030	<1.00	200.9	2-22-17 10:00
17-1041.16	Bathroom/125	08:30	LEAD/1030	<1.00	200.9	2-22-17 12:22
17-1041.17	Bathroom/125	08:31	LEAD/1030	<1.00	200.9	2-22-17 10:04
17-1041.18	Bathroom/123	08:33	LEAD/1030	<1.00	200.9	2-22-17 12:26
17-1041.19	Bathroom/123	08:34	LEAD/1030	<1.00	200.9	2-22-17 10:09
17-1041.20	Bathroom/125	08:36	LEAD/1030	<1.00	200.9	2-22-17 12:30
17-1041.21	Bathroom/125	08:37	LEAD/1030	<1.00	200.9	2-22-17 10:37
17-1041.22	Home Economics/B124	08:39	LEAD/1030	<1.00	200.9	2-22-17 12:35
17-1041.23	Home Economics/B124	08:40	LEAD/1030	<1.00	200.9	2-22-17 10:41
17-1041.24	Classroom/B122	08:42	LEAD/1030	<1.00	200.9	2-22-17 12:39
17-1041.25	Classroom/B122	08:43	LEAD/1030	<1.00	200.9	2-22-17 10:45
17-1041.26	Hall/Northside-next to A106	08:47	LEAD/1030	<1.00	200.9	2-22-17 12:43
17-1041.27	Hall/Northside-next to A106	09:41	LEAD/1030	<1.00	200.9	2-22-17 10:49
17-1041.28	Hall/Westside-next to D232	08:49	LEAD/1030	<1.00	200.9	2-22-17 12:48
17-1041.29	Hall/Westside-next to D232	09:57	LEAD/1030	<1.00	200.9	2-22-17 11:06
17-1041.30	Hall/Westside-next to 222	08:50	LEAD/1030	<1.00	200.9	2-22-17 13:40
17-1041.31	Hall/Westside-next to 222	10:13	LEAD/1030	<1.00	200.9	2-22-17 11:11
17-1041.32	Bathroom/A106	08:45	LEAD/1030	<1.00	200.9	2-22-17 13:45
17-1041.33	Bathroom/A118	08:18	LEAD/1030	1.00	200.9	2-22-17 12:49

UG/L=micrograms of contaminant per liter of water, equivalent to ppb (parts per billion).

Examined By: M. Ellis

Date: 2-28-17

Notes: The lead MDL at the time of analysis was 0.17 ppb

# J. R. HENDERSON LABS, INC

123 Seaman Ave.

Beachwood, New Jersey 08722

732-341-1211 Fax 732-505-1658

Lab ID #15083

Monmouth Ocean Educational Services Commission  
900 Hope Rd.  
Tinton Falls, NJ 07712

Sample Date: 2-18-17

SAMPLE #	SAMPLE LOCATION	SAMPLE TIME	ANALYTE NAME/ CODE	RESULTS UG/L	ANALYTICAL METHOD	ANALYSIS DATE/TIME
17-1041.34	Field Blank #34	10:29	LEAD/1030	<1.00	200.9	2-22-17/13:53
17-1041.35	Kitchen	10:30	LEAD/1030	<1.00	200.9	2-22-17/13:58
17-1041.36	Kitchen	10:31	LEAD/1030	<1.00	200.9	2-22-17/14:02
17-1041.37	Kitchen/5 Gallon Water Cooler	10:33	LEAD/1030	<1.00	200.9	2-22-17/14:24

UG/L=micrograms of contaminant per liter of water, equivalent to ppb (parts per billion).

Examined By: M. Ellis

Date: 2-28-17

Notes: The lead MDL at the time of analysis was 0.17 ppb

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

CLIENT INFORMATION

Name: Monmouth Ocean Educational Services Commission  
 Address: 100 Tornillo Way, Tinton Falls, NJ, 07712  
 Client Rep: Kenneth Shine

LAB INFORMATION

Name: J. R. Henderson Labs  
 Address: 123 Seaman Ave, Beachwood, NJ  
 Proj. Mgr:

SCHOOL/PROJECT INFORMATION

BLDG ID: MOESC  
 BLDG No/Name: Monmouth Ocean Educational Services Com.  
 BLDG Address: 100 Tornillo Way, Tinton Falls, NJ, 07712  
 Contact Name & Numbers: Ken Shine 908-565-3997

(0) Yr. Built: 1999	(1) Yr. 1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
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SAMPLING TEAM: Kenneth Shine & John Deluise (MOESC)

DATE OF SAMPLING: 2/18/17

SAMPLE DATA

Building Code:	Sample Description ID (ID must match container label)			Drinking Water Outlet Information			
	Room / Fixture Code:	Fixture #:	Location:	Sampled Outlet Location/Coordinates/number	0 Seconds	30 Seconds	Time of collection (24hr)
BLANK				Blank Sample	X		
TW- WC- 1			Ha II	Hall / Southside - Adjacent to 201	X		8:03 AM
TW- WC- 1			Ha II- Flu sh	Hall / Southside - Adjacent to 201	X		8:05 AM
TW- TL- 2			C2 04	Teachers' Lounge / C204	X		8:07 AM
TW- TL- 2			C2 04- Flu sh	Teachers' Lounge / C204	X		8:08:30 AM
TW- WC- 3			Ha II	Hall / Northside - Adjacent to A116	X		8:11 AM
TW- WC- 3			Ha II- Flu sh	Hall / Northside - Adjacent to A116	X		8:11 AM
TW- NS- 4			A1 16	Nurses Office / A116	X		8:14 AM
TW- NS- 4			A1 16- Flu sh	Nurses Office / A116	X		8:15 AM
TW- BF- 5			12 3	Bathroom / 123	X		8:20 AM
TW- BF- 5			12 3- Flu sh	Bathroom / 123	X		8:21 AM
TW- BF- 6			12 5	Bathroom / 125	X		8:27 AM

All containers are pre-cleaned/ 250 ml plastic bottles preserved w HNO<sub>3</sub> @ pH<2 by field or to be preserved by lab X

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:
I. Kenneth Shine		
II.		
III.		

Method of shipment/delivery: Fed-Ex  Hand Delivery  US Mail  UPS  Courier  Other:

INSTRUCTIONS TO THE LABORATORY

<input checked="" type="checkbox"/> Analyze both initial and follow up samples <input type="checkbox"/> Other:	Lab: J. R. Henderson Labs Contact: Donna Burke 7323411211	Report Results to: Ken Shine Phone 908-565-3997 <input checked="" type="checkbox"/> Email: kshine@moesc.org Fax
Comments: Provide Laboratory Data Report (LDR) Package and Chain of Custody		

**POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM**

**CLIENT INFORMATION**

Name: **Monmouth Ocean Educational Services Commission**  
 Address: **100 Tornillo Way, Tinton Falls, NJ, 07712**  
 Client Rep: **Kenneth Shine**

**LAB INFORMATION**

Name: **J. R. Henderson Labs**  
 Address: **123 Seaman Ave, Beachwood, NJ**  
 Proj. Mgr:

**SCHOOL/PROJECT INFORMATION**

BLDG ID: **MOESC**  
 BLDG No/Name: **Monmouth Ocean Educational Services Com.**  
 BLDG Address: **100 Tornillo Way, Tinton Falls, NJ, 07712**  
 Contact Name & Numbers: **Ken Shine 908-565-3997**

(0) Yr. Built: 1999	(1) Yr. 1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
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**SAMPLING TEAM: Kenneth Shine & John Deluise (MOESC)**

**DATE OF SAMPLING: 2/18/17**

**SAMPLE DATA**

Sample Description ID (ID must match container label)				Drinking Water Outlet Information			
Building Code:	Room / Fixture Code:	Fixture #:	Location:	Sampled Outlet Location/Coordinates/number	0 Seconds	30 Seconds	Time of collection (24hr)
TW-	BF- 6	- 12 5-	Flu sh	Bathroom / 125		X	8:24 AM
TW-	BF- 7	- 12 3		Bathroom / 123		X	8:27 AM
TW-	BF- 7	- 12 3-	Flu sh	Bathroom / 123		X	8:28 AM
TW-	BF- 8	- 12 5		Bathroom / 125		X	8:30 AM
TW-	BF- 8	- 12 5-	Flu sh	Bathroom / 125		X	8:31 AM
TW-	BF- 9	- 12 3		Bathroom / 123		X	8:33 AM
TW-	BF- 9	- 12 3-	Flu sh	Bathroom / 123		X	8:34 AM
TW-	BF- 10	- 12 5		Bathroom / 125		X	8:36 AM
TW-	BF- 10	- 12 5-	Flu sh	Bathroom / 125		X	8:37 AM
TW-	EC- 11	- B1 24		Home Economics / B124		X	8:39 AM
TW-	EC- 11	- B1 24-	Flu sh	Home Economics / B124		X	8:40 AM
TW-	CF- 12	- B1 22		Classroom / B122		X	8:42 AM

All containers are pre-cleaned/ 250 ml plastic bottles preserved w HNO<sub>3</sub> @ pH < 2 by field or to be preserved by lab

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Time:
I. <i>Kenneth Shine</i>	<i>John Deluise</i>	<i>8:45 AM</i>
II.		
III.		

Method of shipment/delivery:  Fed-Ex  Hand Delivery  US Mail  UPS  Courier  Other:

**INSTRUCTIONS TO THE LABORATORY**

<input checked="" type="checkbox"/> Analyze both initial and follow up samples <input type="checkbox"/> Other:	Lab: <b>J. R. Henderson Labs</b>	Report Results to: <b>Ken Shine</b> Phone 908-565-3997
<input checked="" type="checkbox"/> Follow QAPP instructions	Contact: <b>Donna Burke 7323411211</b>	<input checked="" type="checkbox"/> Email: <b>kshine@moesc.org</b>
Comments: Provide Laboratory Data Report (LDR) Package and Chain of Custody		

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

CLIENT INFORMATION

Name: Monmouth Ocean Educational Services Commission  
 Address: 100 Tornillo Way, Tinton Falls, NJ, 07712  
 Client Rep: Kenneth Shine

LAB INFORMATION

Name: J. R. Henderson Labs  
 Address: 123 Seaman Ave, Beachwood, NJ  
 Proj. Mgr:

SCHOOL/PROJECT INFORMATION

BLDG ID: MOESC  
 BLDG No/Name: Monmouth Ocean Educational Services Com.  
 BLDG Address: 100 Tornillo Way, Tinton Falls, NJ, 07712  
 Contact Name & Numbers: Ken Shine 908-565-3997

(0) Yr. Built: 1999 (1) Yr. 1st Add.: (2) Yr. 2nd Add.: (3) Yr. 1st Mod.: (4) Yr. 2nd Mod.:

SAMPLING TEAM: Kenneth Shine & John Deluise (MOESC)

DATE OF SAMPLING: 2/18/12

SAMPLE DATA

Sample Description ID (ID must match container label)				Drinking Water Outlet Information			
Building Code:	Room / Fixture Code:	Fixture #:	Location:	Sampled Outlet Location/Coordinates/number	0 Seconds	30 Seconds	Time of collection (24hr)
TW-	CF-	12	B1 22- Flu sh	Classroom / B122	X		8:43 AM
TW-	WC-	13	Ha II	Hall / Northside - Adjacent to A106	X		8:47 AM
TW-	WC-	13	Ha II- Flu sh	Hall / Northside - Adjacent to A106	X		9:26 AM 9:41 AM
TW-	WC-	14	Ha II	Hall / Westside - Adjacent to D232	X		15 minutes 8:49 AM
TW-	WC-	14	Ha II- Flu sh	Hall / Westside - Adjacent to D232	X		9:42 AM 9:57 AM
TW-	WC-	15	Ha II	Hall / Westside - Adjacent to 222	X		15 minutes 8:50 AM
TW-	WC-	15	Ha II- Flu sh	Hall / Westside - Adjacent to 222	X		9:58 AM 10:13 AM
TW-	BF-	16	A106	A106 / Bathroom	X		15 minutes 8:49 AM
TW-	BF-	17	A118	A118 / Bathroom	X		8:16 AM

All containers are pre-cleaned/ 250 ml plastic bottles preserved w/ HNO<sub>3</sub> @ pH<2 by field or to be preserved by lab.  X

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:
I. Kenneth Shine		
II.		
III.		

Method of shipment/delivery: Fed-Ex  Hand Delivery  US Mail  UPS  Courier  Other:

INSTRUCTIONS TO THE LABORATORY

Analyze both initial and follow up samples  
 Other:  
 Follow QAPP instructions  
 Comments: Provide Laboratory Data Report (LDR) Package and Chain of Custody

Lab: J. R. Henderson Labs  
 Report Results to: Ken Shine  
 Phone 908-565-3997  
 Email: kshine@moesc.org  
 Contact: Donna Burke 7323411211  
 Fax

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

CLIENT INFORMATION

Name: Monmouth Ocean Educational Services Commission  
 Address: 100 Tornillo Way, Tinton Falls, NJ, 07712  
 Client Rep: Kenneth Shine

LAB INFORMATION

Name: J. R. Henderson Labs  
 Address: 123 Seaman Ave, Beachwood, NJ  
 Proj.Mgr:

SCHOOL/PROJECT INFORMATION

BLDG ID: MOESC  
 BLDG No/Name: Monmouth Ocean Educational Services Com.  
 BLDG Address: 900 Hope Rd, Tinton Falls, NJ, 07712  
 Contact Name & Numbers: Ken Shine 908-565-3997  
 (0) Yr. Built: 1964 (1) Yr. 1st Add.: (2) Yr. 2nd Add.: (3) Yr. 1st Mod.: 12/1/2004 (4) Yr. 2nd Mod.:

SAMPLING TEAM: Kenneth Shine & John Deluise (MOESC)

DATE OF SAMPLING: 2/18/17

SAMPLE DATA

Sample Description ID (ID must match container label)				Drinking Water Outlet Information			
Building Code:	Fixture/Room Code:	Fixture #:	Location:	Sampled Outlet Location/Coordinates/number	0 Seconds	30 Seconds	Time of collection (24hr)
BLANK				Blank Sample	X		
HR- KC- 1			Kitchen	Kitchen	X		10:29 A.M.
HR- KC- 1			Kit chen- Flush	Kitchen		X	10:30 A.M.
HR- WC- 2			Kit chen	5-Gallon Water Cooler in Kitchen		X	10:31 A.M.
<del>HR- WC- 2</del>			<del>Kit chen- Flush</del>	<del>5-Gallon Water Cooler in Kitchen</del>		<del>X</del>	

All containers are pre-cleaned/ 250 ml plastic bottles preserved w HNO<sub>3</sub> @ pH<2 by field  or to be preserved by lab

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:
I. Kenneth Shine	John Deluise	2/18/17
II.		
III.		

Method of shipment/delivery:  Fed-Ex  Hand Delivery  US Mail  UPS  Courier  Other:

INSTRUCTIONS TO THE LABORATORY

<input checked="" type="checkbox"/> Analyze both initial and follow up samples <input type="checkbox"/> Other:	Lab: J. R. Henderson Labs Contact: Donna Burke 7323411211	Report Results to: Ken Shine <input type="checkbox"/> Phone 908-565-3997 <input checked="" type="checkbox"/> Email: kshine@moesc.org <input type="checkbox"/> Fax
Comments: Provide Laboratory Data Report (LDR) Package and Chain of Custody		

Appendix G  
Excel Template for Lead Results

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Field D	Flushed Y/N	Laboratory Sample ID	Laboratory Name	Certification Lab ID	Date Sampled	Time Sampled	Analytical Method	Date of Analysis	Time of Analysis	Concentration in ug/L	Reporting Limit (ug/L)	Dilution Factor	Digested (Y/N)	Qualifier
1														
2		Field Bank #1												
3	N	17-1041.1	JRH Labs	15083	2/18/2017	08:03	200.9	2/22/2017	09:02	<1.00	1.00	1	N	
4	N	17-1041.2	JRH Labs	15083	2/18/2017	08:05	200.9	2/22/2017	11:15	<1.00	1.00	1	N	
5	Y	17-1041.3	JRH Labs	15083	2/18/2017	09:08	200.9	2/22/2017	09:22	<1.00	1.00	1	N	
6	N	17-1041.4	JRH Labs	15083	2/18/2017	08:07	200.9	2/22/2017	11:43	<1.00	1.00	1	N	
7	Y	17-1041.5	JRH Labs	15083	2/18/2017	08:08	200.9	2/22/2017	09:26	<1.00	1.00	1	N	
8	N	17-1041.6	JRH Labs	15083	2/18/2017	08:11	200.9	2/22/2017	11:24	<1.00	1.00	1	N	
9	Y	17-1041.7	JRH Labs	15083	2/18/2017	09:25	200.9	2/22/2017	09:30	<1.00	1.00	1	N	
10	Y	17-1041.8	JRH Labs	15083	2/18/2017	08:14	200.9	2/22/2017	11:28	<1.00	1.00	1	N	
11	Y	17-1041.9	JRH Labs	15083	2/18/2017	08:15	200.9	2/22/2017	09:35	<1.00	1.00	1	N	
12	N	17-1041.10	JRH Labs	15083	2/18/2017	08:20	200.9	2/22/2017	12:09	<1.00	1.00	1	N	
13	Y	17-1041.11	JRH Labs	15083	2/18/2017	08:23	200.9	2/22/2017	09:39	<1.00	1.00	1	N	
14	N	17-1041.12	JRH Labs	15083	2/18/2017	08:23	200.9	2/22/2017	12:13	<1.00	1.00	1	N	
15	Y	17-1041.13	JRH Labs	15083	2/18/2017	08:24	200.9	2/22/2017	09:43	<1.00	1.00	1	N	
16	Y	17-1041.14	JRH Labs	15083	2/18/2017	08:27	200.9	2/22/2017	12:18	<1.00	1.00	1	N	
17	Y	17-1041.15	JRH Labs	15083	2/18/2017	08:28	200.9	2/22/2017	10:00	<1.00	1.00	1	N	
18	Y	17-1041.16	JRH Labs	15083	2/18/2017	08:30	200.9	2/22/2017	12:22	<1.00	1.00	1	N	
19	N	17-1041.17	JRH Labs	15083	2/18/2017	08:31	200.9	2/22/2017	10:04	<1.00	1.00	1	N	
20	Y	17-1041.18	JRH Labs	15083	2/18/2017	08:33	200.9	2/22/2017	12:26	<1.00	1.00	1	N	
21	Y	17-1041.19	JRH Labs	15083	2/18/2017	08:34	200.9	2/22/2017	10:09	<1.00	1.00	1	N	
22	N	17-1041.20	JRH Labs	15083	2/18/2017	08:36	200.9	2/22/2017	12:30	<1.00	1.00	1	N	
23	Y	17-1041.21	JRH Labs	15083	2/18/2017	08:37	200.9	2/22/2017	10:37	<1.00	1.00	1	N	
24	Y	17-1041.22	JRH Labs	15083	2/18/2017	08:39	200.9	2/22/2017	12:35	<1.00	1.00	1	N	
25	N	17-1041.23	JRH Labs	15083	2/18/2017	08:40	200.9	2/22/2017	10:41	<1.00	1.00	1	N	
26	Y	17-1041.24	JRH Labs	15083	2/18/2017	08:42	200.9	2/22/2017	12:39	<1.00	1.00	1	N	
27	Y	17-1041.25	JRH Labs	15083	2/18/2017	08:43	200.9	2/22/2017	10:45	<1.00	1.00	1	N	
28	N	17-1041.26	JRH Labs	15083	2/18/2017	08:47	200.9	2/22/2017	12:43	<1.00	1.00	1	N	
29	Y	17-1041.27	JRH Labs	15083	2/18/2017	08:49	200.9	2/22/2017	10:49	<1.00	1.00	1	N	
30	N	17-1041.28	JRH Labs	15083	2/18/2017	09:41	200.9	2/22/2017	12:48	<1.00	1.00	1	N	
31	Y	17-1041.29	JRH Labs	15083	2/18/2017	09:57	200.9	2/22/2017	11:06	<1.00	1.00	1	N	
32	N	17-1041.30	JRH Labs	15083	2/18/2017	08:50	200.9	2/22/2017	13:40	<1.00	1.00	1	N	
33	Y	17-1041.31	JRH Labs	15083	2/18/2017	08:13	200.9	2/22/2017	11:11	<1.00	1.00	1	N	
34	N	17-1041.32	JRH Labs	15083	2/18/2017	08:45	200.9	2/22/2017	13:45	<1.00	1.00	1	N	
35	N	17-1041.33	JRH Labs	15083	2/18/2017	08:18	200.9	2/22/2017	12:49	<1.00	1.00	1	N	
36	N	17-1041.34	JRH Labs	15083	2/18/2017	10:25	200.9	2/22/2017	13:53	<1.00	1.00	1	N	
37	Y	17-1041.35	JRH Labs	15083	2/18/2017	10:30	200.9	2/22/2017	13:58	<1.00	1.00	1	N	
38	N	17-1041.36	JRH Labs	15083	2/18/2017	10:31	200.9	2/22/2017	14:02	<1.00	1.00	1	N	
		17-1041.37	JRH Labs	15083	2/18/2017	10:33	200.9	2/22/2017	14:24	<1.00	1.00	1	N	