

J.C. Broderick & Associates, Inc.

Environmental / Construction Consulting & Testing



1775 Expressway Drive North
Hauppauge, NY 11788
631.584.5492
Fax: 631.584.3395
www.jcbroderick.com

January 13, 2021

Mr. Andrew Ward
Plainview-Old Bethpage Central School District
Administration Building
117 Central Park Road
Plainview, New York 11803

Re: **Lead in Water Sampling**
Plainview-Old Bethpage Central School District
Throughout District

JCB#: 20-47697

Dear Mr. Ward:

J.C. Broderick & Associates, Inc. (JCB) was retained to perform lead in water sampling of newly installed/replaced/remediated outlets throughout the above referenced school district.

The sampling was performed in accordance with Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York. Each sample was assigned unique identification numbers, logged into a chain of custody document, and delivered to and Environmental Laboratory Approval Program (ELAP) accredited laboratory for analysis.

Based upon this regulation, any outlets which reveals concentrations of 15 parts per billion (ppb) or less can be returned to service for unrestricted use, including cooking or drinking. Any outlet which reveals concentrations greater than this action level must remain restricted for cooking and drinking purposes.

Please reference the chain of custody document and laboratory report for details pertaining to the sample locations and results.

Sincerely,

A handwritten signature in black ink, appearing to read 'George Greve', is written over a light gray background.

George Greve
J C Broderick & Associates, Inc.

Chain of Custody & Laboratory Analysis

J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing

1775 Expressway Drive North

Hauppauge, New York 11788

631.584.5492 fax 631.584.3395





Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Fern Place School

FPS

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒ ☐Turn Around: Normal 1 wk Rush _____

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-1709	BR	2033	Executive Directors Bathroom	BF	12/22/2020	10:45:00 AM

Samples Submitted 1

RECEIVED
J. C. BRODERICK AND ASSOCIATES, INC.
CARLE PLACE, NY
20 DEC 23 PM 4:43

062024312

Building Address

4 Fern Place

Plainview, NY 11803

Alyssa McDonald 12/30/20

Analysis Type: ELAP 200.5 ☒

Lab Received: Katherine Viana 12-23-20

Signature: Alyssa McDonald 4:43 pmSampler's Name: Matthew ZachariasSampler's Signature: Matthew ZachariasJCB Project Manager: Paul Eden



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788
Phone: (631) 584-5492
Fax:

1/13/2021

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

**19-45327, Plainview-Old Bethpage Central School District, Fern
Place School, FPS, 4 Fern Place, Plainview, NY 11803**

The reference number for these samples is EMSL Order #062024312. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024312

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:43 PM
Collected: 12/22/2020

Project: 19-45327, Plainview-Old Bethpage Central School District, Fern Place School, FPS, 4 Fern Place, Plainview, NY 11803

Analytical Results

Client Sample Description POB-1709

Collected: 12/22/2020

Lab ID: 062024312-0001

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	10	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Howard B. Matlin Middle School

HBM

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush _____

Page 1 of 1

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-0936	CR	2012	Room D 21	CF	12/22/2020	7:21:00 AM
POB-1043	HE	1091	Room C 7	EC	12/22/2020	8:00:00 AM
POB-1167	HE	2180	Family & Consumer Sciences Room A1	EC	12/22/2020	7:31:00 AM
POB-1244	BR	1037	Girls Coach Office Bathroom	BF	12/22/2020	7:51:00 AM
POB-1245	BR	1044	Girls Locker Room Bathroom 2	BF	12/22/2020	7:47:00 AM
POB-1251	ST	1046	Pal Room (Former Nurses Office)	HW	12/22/2020	7:45:00 AM
POB-1260	HE	2186	Family & Consumer Sciences Room A2	EC	12/22/2020	7:35:00 AM
POB-1261	HE	2186	Family & Consumer Sciences Room A2	EC	12/22/2020	7:38:00 AM
POB-1802	HA	1106	Corridor Room B 4 To B 7	DW	12/22/2020	7:39:00 AM

Samples Submitted 9

062024313

20 DEC 23 PM 4:41
ST ANALYTICAL, INC.
CARLE PLACE, NY

OrderID: 062024313

Building Address

100 Washington Ave

Plainview, NY 11803

Approved by 12/30/20

Analysis Type: ELAP 200.5

Lab Received: *A. LIANG* 12/23/20

Signature: *[Signature]* @ 4:41 PM

Sampler's Name: *Matthew Zacharias*

Sampler's Signature: *[Signature]*

JCB Project Manager: *Paul Eden*



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn:

Paul Eden

1/13/2021

J.C. Broderick & Associates

1775 Expressway Drive North

Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

**Plainview-Old Bethpage Central School District - Howard B.
Mattlin Middle School, 100 Washington Ave., Plainview, NY
11803 ICR # 19-45327**

The reference number for these samples is EMSL Order #062024313. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplace@emsl.com

EMSL Order: 062024313

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
 Fax:
 Received: 12/23/2020 04:41 PM
 Collected: 12/22/2020

Project: Plainview-Old Bethpage Central School District - Howard B. Mattlin Middle School, 100 Washington Ave., Plainview, NY 11803, JCB #

Analytical Results

Client Sample Description POB-0936 **Collected:** 12/22/2020 **Lab ID:** 062024313-0001

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	2.2 J	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Lead MDL: 1.0µg/L

Client Sample Description POB-1043 **Collected:** 12/22/2020 **Lab ID:** 062024313-0002

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	36	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1167 **Collected:** 12/22/2020 **Lab ID:** 062024313-0003

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	67	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1244 **Collected:** 12/22/2020 **Lab ID:** 062024313-0004

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	4.9	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1245 **Collected:** 12/22/2020 **Lab ID:** 062024313-0005

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	23	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1251 **Collected:** 12/22/2020 **Lab ID:** 062024313-0006

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	620 D	30 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1260 **Collected:** 12/22/2020 **Lab ID:** 062024313-0007

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	16	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1261 **Collected:** 12/22/2020 **Lab ID:** 062024313-0008

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024313

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:41 PM
Collected: 12/22/2020

Project: **Plainview-Old Bethpage Central School District - Howard B. Mattlin Middle School, 100 Washington Ave., Plainview, NY 11803, JCB #**

Analytical Results

Client Sample Description POB-1261 **Collected:** 12/22/2020 **Lab ID:** 062024313-0008

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	37	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-1802 **Collected:** 12/22/2020 **Lab ID:** 062024313-0009

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	<3.0 ND	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: John F. Kennedy High School

JFK

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush

Page 1 of 1

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-0027	KI	2203	Kitchen	KC	12/22/2020	6:52:00 AM
POB-0067	CR	2198	Art Room 161	CF	12/22/2020	6:48:00 AM
POB-0068	CR	2198	Art Room 161	CF	12/22/2020	6:47:00 AM
POB-0069	CR	2198	Art Room 161	CF	12/22/2020	6:47:00 AM
POB-0127	OF	3003	Math Dept. Room 207	KC	12/22/2020	6:57:00 AM
POB-0128	BR	3005	Girls Bathroom	BF	12/22/2020	6:59:00 AM
POB-0129	BR	3005	Girls Bathroom	BF	12/22/2020	6:59:00 AM
POB-0136	CR	3019A	Room 212 Inner Room	HW	12/22/2020	7:01:00 AM
POB-0357	CR	3041	Room 224	HW	12/22/2020	7:04:00 AM

Samples Submitted 9

062024321

20 DEC 23 PM 4:12

131 ANYTHERA LTD.
CABLE PLACEMENT

OrderID: 062024321

Building Address

50 Kennedy Drive

Plainview, NY 11805

Alperio McDonald 12/30/20

Analysis Type: ELAP 200.5

Lab Received: *Doroteo Ramellon* 12/23/20

Signature: *Don Paul* 12/23/20

Sampler's Name: *Matthew Zacharias*

Sampler's Signature: *Matthew Zacharias*

JCB Project Manager: *Paul Eden*

**EMSL Analytical, Inc.**

628 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024321

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
 Fax:
 Received: 12/23/2020 04:42 PM
 Collected: 12/22/2020

Project: Plainview-Old Bethpage Central School District. John F. Kennedy High School. Project #: 19-45327. 50 Kennedy Drive, Plainview, NY

Analytical Results

Client Sample Description		POB-0027	Collected:		12/22/2020	Lab ID:		062024321-0001
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	14	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0067	Collected:		12/22/2020	Lab ID:		062024321-0002
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	70	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0068	Collected:		12/22/2020	Lab ID:		062024321-0003
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	13	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0069	Collected:		12/22/2020	Lab ID:		062024321-0004
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	9.4	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0127	Collected:		12/22/2020	Lab ID:		062024321-0005
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	5.6	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0128	Collected:		12/22/2020	Lab ID:		062024321-0006
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	9.4	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0129	Collected:		12/22/2020	Lab ID:		062024321-0007
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	5.4	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description		POB-0136	Collected:		12/22/2020	Lab ID:		062024321-0008
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024321

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:42 PM
Collected: 12/22/2020

Project: Plainview-Old Bethpage Central School District. John F. Kennedy High School. Project #: 19-45327. 50 Kennedy Drive, Plainview, NY

Analytical Results

Client Sample Description POB-0136 **Collected:** 12/22/2020 **Lab ID:** 062024321-0008

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	9.1	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-0357 **Collected:** 12/22/2020 **Lab ID:** 062024321-0009

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	81	3.0 µg/L	12/30/2020	OR	12/30/2020	AM

Definitions:

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ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Jamaica Avenue School

JAS

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush _____

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-1498	BR	2086A	Mens/Womens Bathroom	BF	12/22/2020	9:15:00 AM
POB-1539	KI	2061	Kitchen	HW	12/22/2020	9:13:00 AM

Samples Submitted 2

20 DEC 23 PM 4:42

ANALYTICAL, INC.
CARLE PLACE, NY

062024323

Building Address

85 Jamaica Avenue .

Plainview, NY 11803

August McDonald 12/30/20

Analysis Type: ELAP 200.5

Lab Received: *Katherine Vaid 12/28-20*

Signature: *Paul Edens 4:42 PM*

Samplers Name: *Matthew Zacharias*

Samplers Signature: *Matthew Zacharias*

JCB Project Manager: *Paul Edens*



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn:

Paul Eden
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

1/13/2021

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

19-45327, Plainview-Old Bethpage Central School District,
Jamaica Avenue School, JAS, 85 Jamaica Avenue, Plainview, NY
11803

The reference number for these samples is EMSL Order #062024323. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024323

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:42 PM
Collected: 12/22/2020

Project: 19-45327, Plainview-Old Bethpage Central School District, Jamaica Avenue School, JAS, 85 Jamaica Avenue, Plainview, NY 11803

Analytical Results

Client Sample Description POB-1498 **Collected:** 12/22/2020 **Lab ID:** 062024323-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	1.9 J	3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Lead MDL: 1.0µg/L								

Client Sample Description POB-1539 **Collected:** 12/22/2020 **Lab ID:** 062024323-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	8.8	3.0	µg/L	12/30/2020	OR	12/30/2020	AM

Definitions:

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ND - Result was below the MDL.

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Old Bethpage Elementary School

OBE

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush _____

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-1325	BR	2059	Orchestra Room Bathroom	BF	12/22/2020	10:38:00 AM
POB-1369	CR	2085A	Classroom 20B	CF	12/22/2020	10:36:00 AM

Samples Submitted 2

ANALYTICAL, INC.
CARLE PLACE, NY
20 DEC 23 PM 4:43

062024314

Building Address

1191 Round Swamp Road

Old Bethpage, NY 11804

Pb - *[Signature]*
12/23/20

Analysis Type: ELAP 200.5 AD

Lab Received: Katherine Vland 12-23-20

Signature: Okoniana 4:43 PM

Sampler's Name: Matthew Zacharias

Sampler's Signature: [Signature]

JCB Project Manager: Paul Eden



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn:

Paul Eden

1/13/2021

J.C. Broderick & Associates

1775 Expressway Drive North

Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

**19-45327, Plainview-Old Bethpage Central School District, Old
Bethpage Elementary School, OBE, 1191 Round Swamp Road,
Old Bethpage, NY 11804**

The reference number for these samples is EMSL Order #062024314. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024314

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:43 PM
Collected: 12/22/2020

Project: 19-45327, Plainview-Old Bethpage Central School District, Old Bethpage Elementary School, OBE, 1191 Round Swamp Road, Old

Analytical Results

Client Sample Description POB-1325 **Collected:** 12/22/2020 **Lab ID:** 062024314-0001

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	9.1	3.0 µg/L	1/4/2021	AM	1/5/2021	AL

Client Sample Description POB-1369 **Collected:** 12/22/2020 **Lab ID:** 062024314-0002

Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	16	3.0 µg/L	1/4/2021	AM	1/5/2021	AL

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Parkway Elementary School

PAR

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush

Page 1 of 1

OrderID: 062024325

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-0535	CR	2022	Room 21	CF	12/22/2020	9:55:00 AM
POB-0586	BR	2067	Principle's Office Bathroom	BF	12/22/2020	9:53:00 AM
POB-0592	BR	2070	Nurses Office Bathroom	BF	12/22/2020	10:03:00 AM

Samples Submitted 3

FILED
ANALYTICAL, INC.
CARLE PLACE, NY
20 DEC 23 PM 4:40

062024325

Building Address

300 Manetto Hill Road

Plainview, NY 11803

Pb200.5 -

A. Liang [CP] 21

Analysis Type: ELAP 200.5 AL

Lab Received: Katherine Ward 12-23-20

Signature: AK [unclear] 4:46 PM

Samplers Name: Matthew Zacharias

Samplers Signature: Matthew Zacharias

JCB Project Manager: Paul Eden



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn:

Paul Eden

1/13/2021

J.C. Broderick & Associates

1775 Expressway Drive North

Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

**19-45327, Plainview-Old Bethpage Central School District,
Parkway Elementary School, PAR, 300 Manetto Hill Road,
Plainview NY 11803**

The reference number for these samples is EMSL Order #062024325. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024325

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:40 PM
Collected: 12/22/2020

Project: 19-45327, Plainview-Old Bethpage Central School District, Parkway Elementary School, PAR, 300 Manetto Hill Road, Plainview, NY

Analytical Results

Client Sample Description		POB-0535	Collected:		12/22/2020	Lab ID:		062024325-0001
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	2.2 J	3.0	µg/L	1/4/2021	AM	1/5/2021	AL
Lead MDL: 1.0µg/L								
Client Sample Description		POB-0586	Collected:		12/22/2020	Lab ID:		062024325-0002
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	2.9 J	3.0	µg/L	1/4/2021	AM	1/5/2021	AL
Lead MDL: 1.0µg/L								
Client Sample Description		POB-0592	Collected:		12/22/2020	Lab ID:		062024325-0003
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	7.6	3.0	µg/L	1/4/2021	AM	1/5/2021	AL

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Pasadena Elementary School

PAS

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush

Page 1 of 1

OrderID: 062024311

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-1390	CR	2125	Music Room	DW	12/22/2020	10:37:00 AM
POB-1391	CR	2125	Music Room	CF	12/22/2020	10:35:00 AM

Samples Submitted 2

RECEIVED
JCB ANALYTICAL, INC.
CARE PLACE, NY
20 DEC 23 PM 4:40

062024311

Building Address

3 Richard Court

Plainview, NY 11803

Pb 200.5 -

A. Lunny 01/02/21

Analysis Type: ELAP 200.5 ☒ ☒

Lab Received: *Katherine Vaud* 12-23-20

Signature: *M. Vaud* 4:40 PM

Samplers Name: *Matthew Zacharias*

Samplers Signature: *Matthew Zacharias*

JCB Project Manager: *Paul Eden*



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn:

**Paul Eden
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788**

1/13/2021

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

**19-45327, Plainview-Old Bethpage Central School District,
Pasadena Elementary School, PAS, 3 Richard Court, Plainview,
NY 11803**

The reference number for these samples is EMSL Order #062024311. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

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<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024311

CustomerID: JCBR50

CustomerPO:

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:40 PM
Collected: 12/22/2020

Project: 19-45327, Plainview-Old Bethpage Central School District, Pasadena Elementary School, PAS, 3 Richard Court, Plainview, NY 11803

Analytical Results

Client Sample Description POB-1390 **Collected:** 12/22/2020 **Lab ID:** 062024311-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	61	3.0	µg/L	1/4/2021	AM	1/5/2021	AL

Client Sample Description POB-1391 **Collected:** 12/22/2020 **Lab ID:** 062024311-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	1900 D	30	µg/L	1/4/2021	AM	1/5/2021	AL

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Plainview-Old Bethpage Middle School

POBM

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒

Turn Around: Normal 1 wk Rush AL

Page 1 of 1

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-0727	CR	3040	Room 312	CF	12/22/2020	8:34:00 AM
POB-0757	BR	2029	Principals Office Bathroom	BF	12/22/2020	8:43:00 AM
POB-0807	LR	2110	Pool Girls Locker	BF	12/22/2020	8:27:00 AM
POB-0809	LR	2110	Pool Girls Locker	BF	12/22/2020	8:27:00 AM
POB-0820	HE	2068	Room 204	EC	12/22/2020	8:18:00 AM
POB-0829	HE	2067	Room 202	EC	12/22/2020	8:22:00 AM
POB-0860	CR	2206	Art Room 223	CF	12/22/2020	8:29:00 AM
POB-0877	CR	3058	Room 300 Class Room	CF	12/22/2020	8:39:00 AM
POB-0881	BR	1037	Women's Bathroom	BF	12/22/2020	8:46:00 AM
POB-0900	SP	1055	Woodworking Room 101 Storage	KC	12/22/2020	8:49:00 AM

Samples Submitted 10

062024318

20 DEC 23 PM 4:41
CARLE PLACE, NY
ANALYTICAL, INC.

Building Address

121 Central Park Road

Plainview, NY 11803

Quynh McDonald 12/30/20

Analysis Type: ELAP 200.5 AL

Lab Received: A. Liang

Signature: *A. Liang*

Sampler's Name: Matthew Zacharias

Sampler's Signature: *Matthew Zacharias*

JCB Project Manager: Paul Edens

OrderID: 062024318

Page 1 Of 1



EMSL Analytical, Inc.

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Attn:

Paul Eden
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

1/13/2021

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

**Plainview-Old Bethpage Central School District - Plainview-Old
Bethpage Middle School, 121 Central Park Road, Plainview, NY
11803 ICR # 10-15327**

The reference number for these samples is EMSL Order #062024318. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

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<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024318

CustomerID: JCBR50

CustomerPO: 19-45327

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
 Fax:
 Received: 12/23/2020 04:41 PM
 Collected: 12/22/2020

Project: Plainview-Old Bethpage Central School District - Plainview-Old Bethpage Middle School, 121 Central Park Road, Plainview, NY 11803,

Analytical Results

Client Sample Description POB-0727				Collected: 12/22/2020	Lab ID: 062024318-0001		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	25	3.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0757				Collected: 12/22/2020	Lab ID: 062024318-0002		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	17	3.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0807				Collected: 12/22/2020	Lab ID: 062024318-0003		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	13	3.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0809				Collected: 12/22/2020	Lab ID: 062024318-0004		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	5.7	3.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0820				Collected: 12/22/2020	Lab ID: 062024318-0005		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	290	6.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0829				Collected: 12/22/2020	Lab ID: 062024318-0006		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	14	3.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0860				Collected: 12/22/2020	Lab ID: 062024318-0007		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	4.7	3.0 µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description POB-0877				Collected: 12/22/2020	Lab ID: 062024318-0008		
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst

**EMSL Analytical, Inc.**

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EMSL Order: 062024318

CustomerID: JCBR50

CustomerPO: 19-45327

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
Fax:
Received: 12/23/2020 04:41 PM
Collected: 12/22/2020

Project: Plainview-Old Bethpage Central School District - Plainview-Old Bethpage Middle School, 121 Central Park Road, Plainview, NY 11803,

Analytical Results

Client Sample Description POB-0877 **Collected:** 12/22/2020 **Lab ID:** 062024318-0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	17	3.0	µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-0881 **Collected:** 12/22/2020 **Lab ID:** 062024318-0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	7.0	3.0	µg/L	12/30/2020	OR	12/30/2020	AM

Client Sample Description POB-0900 **Collected:** 12/22/2020 **Lab ID:** 062024318-0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	14	3.0	µg/L	12/30/2020	OR	12/30/2020	AM

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL.

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted



Lead in Water: Chain of Custody for

J. C. BRODERICK AND ASSOCIATES, INC.

1775 Expressway North Hauppauge, NY 11788

TEL: (631) 584-5492 FAX: (631) 584-3395

JCB #: 19-45327

Building: Stratford Road Elementary School

SRE

Client:

Plainview-Old Bethpage Central School District

Retest/New Install ☒Turn Around: Normal 1 wk Rush _____

Sample ID	Functional Space Type	AHERA ID	Common Room Name	Outlet Type	Sample Date	Sample Time
POB-0391	BR	2054	Custodial Room Bathroom	BF	12/22/2020	10:05:00 AM
POB-0392	ST	2042	Chorus Room 301/302 Book Storage Room	HW	12/22/2020	10:08:00 AM
POB-0438	BR	2160	Recreation Room Bathroom	BF	12/22/2020	9:50:00 AM
POB-0449	OF	3011	School Pyschologist	HW	12/22/2020	10:14:00 AM
POB-0459	CR	3079	Room 215	HW	12/22/2020	10:12:00 AM
POB-1789	LR		Girls Locker Room Bathroom	BF	12/22/2020	9:58:00 AM
POB-1790	LR		Girls Locker Room Bathroom	BF	12/22/2020	10:00:00 AM

Samples Submitted 7

062024310

20 DEC 23 PM 4:44
 ANALYTICAL, INC.
 CARLE PLACE, NY

Building Address

33 Bedford Road

Plainview, NY 11803

Auppa McDonald 12/30/20

Analysis Type: ELAP 200.5

Lab Received: A. LIANG

Signature: *Alvin Liang*

12/23/20

@ 4:44pm

Samplers Name: Matthew ZachariasSamplers Signature: *Matthew Zacharias*JCB Project Manager: Paul Eden



EMSL Analytical, Inc.

528 Mineola Avenue, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn:

Paul Eden
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

1/13/2021

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/23/2020. The results are tabulated on the attached data pages for the following client designated project:

Plainview-Old Bethpage Central School District - Stratford Road
Elementary School, JCB # 19-45327

The reference number for these samples is EMSL Order #062024310. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (516) 997-7251.

Approved By:

Alger Liang, Lead Laboratory Manager

NYS ELAP 11469

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order: 062024310

CustomerID: JCBR50

CustomerPO: 19-45327

ProjectID:

Attn: **Paul Eden**
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Phone: (631) 584-5492
 Fax:
 Received: 12/23/2020 04:44 PM
 Collected: 12/22/2020

Project: Plainview-Old Bethpage Central School District - Stratford Road Elementary School, JCB # 19-45327

Analytical Results

Client Sample Description			POB-0391	Collected:	12/22/2020	Lab ID:	062024310-0001		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	37		3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description			POB-0392	Collected:	12/22/2020	Lab ID:	062024310-0002		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	9.0		3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description			POB-0438	Collected:	12/22/2020	Lab ID:	062024310-0003		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	6.3		3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description			POB-0449	Collected:	12/22/2020	Lab ID:	062024310-0004		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	1500 D		30	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description			POB-0459	Collected:	12/22/2020	Lab ID:	062024310-0005		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	5.6		3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description			POB-1789	Collected:	12/22/2020	Lab ID:	062024310-0006		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	19		3.0	µg/L	12/30/2020	OR	12/30/2020	AM
Client Sample Description			POB-1790	Collected:	12/22/2020	Lab ID:	062024310-0007		
Method	Parameter	Result		RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.5	Lead	27		3.0	µg/L	12/30/2020	OR	12/30/2020	AM

**EMSL Analytical, Inc.**

628 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

<http://www.EMSL.com>carleplacelab@emsl.com

EMSL Order:	062024310
CustomerID:	JCBR50
CustomerPO:	19-45327
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - Result was below the MDL

RL = Reporting Limit (the value below which is not defensibly quantifiable)

D = Sample was diluted