



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Tim Popp
TTI Environmental Inc.
1253 North Church Street
Moorestown, NJ 08057

8/2/2021

Phone: (856) 840-8800

Fax: (856) 840-8815

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 7/19/2021. The results are tabulated on the attached data pages for the following client designated project:

21-206 Bridgewater Raritan - JFK

The reference number for these samples is EMSL Order #012107977. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsi.com

EMSL Order: 012107977
 CustomerID: TTIE54
 CustomerPO: 033125
 ProjectID:

Attn: **Tim Popp** Phone: (856) 840-8800
TTI Environmental Inc. Fax: (856) 840-8815
1253 North Church Street Received: 07/19/21 1:30 PM
Moorestown, NJ 08057

Project: 21-206 Bridgewater Raritan - JFK

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-WC1-GH Gym Hallway		7/16/2021 4:37:00 PM	012107977-0001		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	7/30/2021 VD	07/30/21 18:04 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-WC2-GH Gym Hallway		7/16/2021 4:37:00 PM	012107977-0002		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	7/30/2021 VD	07/30/21 18:14 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-A1 Rm A1		7/16/2021 4:39:00 PM	012107977-0003		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.49	1.00 µg/L	7/30/2021 VD	07/30/21 18:16 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-A2 Rm A2		7/16/2021 4:43:00 PM	012107977-0004		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	12.4	1.00 µg/L	7/30/2021 VD	07/30/21 18:18 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-A3 Rm A3		7/16/2021 4:45:00 PM	012107977-0005		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	26.8	1.00 µg/L	7/30/2021 VD	07/30/21 18:20 VD

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EMSL Order:	012107977
CustomerID:	TTIE54
CustomerPO:	033125
ProjectID:	

Attn: Tim Popp TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057	Phone: (856) 840-8800 Fax: (856) 840-8815 Received: 07/19/21 1:30 PM
Project: 21-206 Bridgewater Raritan - JFK	

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-A4 Rm A4		7/16/2021 4:46:00 PM	012107977-0006		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	9.02	1.00 µg/L	7/30/2021 VD	07/30/21 18:22 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-A9 Rm A9		7/16/2021 4:41:00 PM	012107977-0007		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.69	1.00 µg/L	7/30/2021 VD	07/30/21 18:24 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B8 Rm B8		7/16/2021 4:51:00 PM	012107977-0008		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	9.26	1.00 µg/L	7/30/2021 VD	07/30/21 18:26 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B9 Rm B9		7/16/2021 4:50:00 PM	012107977-0009		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	4.12	1.00 µg/L	7/30/2021 VD	07/30/21 18:28 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B10 Rm B10		7/16/2021 4:52:00 PM	012107977-0010		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	8.76	1.00 µg/L	7/30/2021 VD	07/30/21 18:34 VD

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Project: 21-206 Bridgewater Raritan - JFK

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B11 Rm B11		7/16/2021 5:53:00 PM	012107977-0011		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	5.13	1.00 µg/L	7/30/2021 VD	07/30/21 18:36 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B12 Rm B12		7/16/2021 4:59:00 PM	012107977-0012		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	21.5	1.00 µg/L	7/30/2021 VD	07/30/21 18:43 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B13 Rm B13		7/16/2021 5:02:00 PM	012107977-0013		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	4.92	1.00 µg/L	7/30/2021 VD	07/30/21 18:45 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B5 Rm B5		7/16/2021 4:56:00 PM	012107977-0014		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	2.45	1.00 µg/L	7/30/2021 VD	07/30/21 18:47 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B4 Rm B4		7/16/2021 5:00:00 PM	012107977-0015		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.95	1.00 µg/L	7/30/2021 VD	07/30/21 18:49 VD

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Project: 21-206 Bridgewater Raritan - JFK	

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B3 Rm B3		7/16/2021 5:02:00 PM	012107977-0016		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	8.71	1.00 µg/L	7/30/2021 VD	07/30/21 18:51 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B2 Rm B2		7/16/2021 5:05:00 PM	012107977-0017		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	4.31	1.00 µg/L	7/30/2021 VD	07/30/21 18:53 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-DW-B1 Rm B1		7/16/2021 5:06:00 PM	012107977-0018		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.29	1.00 µg/L	7/30/2021 VD	07/30/21 18:59 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-HDW1-BW Bwing Hallway		7/16/2021 5:04:00 PM	012107977-0019		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	4.24	1.00 µg/L	7/30/2021 VD	07/30/21 19:01 VD
<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>		
JFK-HDW2-BW Bwing Hallway		7/16/2021 4:55:00 PM	012107977-0020		
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	9.41	1.00 µg/L	7/30/2021 VD	07/30/21 19:03 VD

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Project: 21-206 Bridgewater Raritan - JFK

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-D3 Rm D3		7/16/2021 5:08:00 PM		012107977-0021	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	1.34	1.00 µg/L	7/30/2021 VD	07/30/21 17:03 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-D4 Rm D4		7/16/2021 5:15:00 PM		012107977-0022	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	2.42	1.00 µg/L	7/30/2021 VD	07/30/21 17:09 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-HDW-DW Dwing Hallway		7/16/2021 5:09:00 PM		012107977-0023	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.03	1.00 µg/L	7/30/2021 VD	07/30/21 17:11 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-WC-APR APR		7/16/2021 5:16:00 PM		012107977-0024	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	7/30/2021 VD	07/30/21 17:13 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-KC1-KIT Kitchen		7/16/2021 5:17:00 PM		012107977-0025	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	12.6	1.00 µg/L	7/30/2021 VD	07/30/21 17:15 VD

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 Received: 07/19/21 1:30 PM

Project: 21-206 Bridgewater Raritan - JFK

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-KC2-KIT Kitchen		7/16/2021 5:18:00 PM		012107977-0026	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	209 D	5.00 µg/L	7/30/2021 KG	07/30/21 16:29 JW
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C1 Rm C1		7/16/2021 5:23:00 PM		012107977-0027	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	8.40	1.00 µg/L	7/30/2021 VD	07/30/21 17:21 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C2 Rm C2		7/16/2021 5:27:00 PM		012107977-0028	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	2.54	1.00 µg/L	7/30/2021 VD	07/30/21 17:23 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C3 Rm C3		7/16/2021 5:29:00 PM		012107977-0029	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.86	1.00 µg/L	7/30/2021 VD	07/30/21 17:25 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C4 Rm C4		7/16/2021 5:31:00 PM		012107977-0030	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.97	1.00 µg/L	7/30/2021 VD	07/30/21 17:27 VD

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Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C5 Rm C5		7/16/2021 5:34:00 PM		012107977-0031	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	5.47	1.00 µg/L	7/30/2021 VD	07/30/21 17:29 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C6 Rm C6		7/16/2021 5:40:00 PM		012107977-0032	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	10.9	1.00 µg/L	7/30/2021 VD	07/30/21 17:31 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C7 Rm C7		7/16/2021 5:32:00 PM		012107977-0033	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	3.53	1.00 µg/L	7/30/2021 VD	07/30/21 17:37 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-DW-C10 Rm C10		7/16/2021 5:25:00 PM		012107977-0034	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	4.67	1.00 µg/L	7/30/2021 VD	07/30/21 17:39 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-HDW1-CW Cwing Hallway		7/16/2021 5:21:00 PM		012107977-0035	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	7/30/2021 VD	07/30/21 17:45 VD

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Project: 21-206 Bridgewater Raritan - JFK	

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
JFK-HDW2-CW Cwing Hallway		7/16/2021 5:30:00 PM		012107977-0036	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	6.61	1.00 µg/L	7/30/2021 VD	07/30/21 17:47 VD
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>	
Blank Blank		7/16/2021 5:45:00 PM		012107977-0037	
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS					
200.8	Lead	ND	1.00 µg/L	7/30/2021 VD	07/30/21 17:49 VD

Definitions:

MDL - method detection limit
 J - Result was below the reporting limit, but at or above the MDL
 ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution Sample required a dilution which was used to calculate final results