

ADDENDUM NO. 3

March 25, 2024

FOR

33rd STREET RESERVOIR REHABILITATION
CITY OF GREAT FALLS, MT – OF 1794.1
MARCH 2024

This Addendum No. 3 forms a part of the Contract Documents and modifies the original Bidding Documents as noted within this Addendum. All provisions of the Contract Documents not in conflict with this Addendum shall remain in full force. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This addendum consists of one (1) page and one (1) attachment.

GENERAL CLARIFICATIONS

1. Coatings testing was performed on the storage reservoir on March 18, 2024, the associated testing results are attached for reference.
2. No lead or poly-chlorinated biphenyls (PCBs) were detected on the concrete surface or metal surface coatings on the exterior of the storage reservoir; therefore, **no abatement is required on the exterior of the storage reservoir.**
3. Limited coatings material was available from the interior of the storage reservoir, so no testing was able to be performed. Extensive review of previous maintenance records indicates the interior of the storage reservoir was bare concrete in 1989. Federal regulation (CFR Title 24 KF70.A3) was passed in 1974 prohibiting the use of lead-based paint, followed by the Consumer Products Safety Commission limiting lead content to 0.06% by dry weight in 1977. Given the timeframe between the federal regulation and coatings being performed (post-1989), the existing coatings on the interior surface are not likely to contain lead and/or PCBs. Contractor is to proceed with bid preparation as such, **no abatement is required on the interior of the storage reservoir**; however, Contractor shall **perform additional testing on the interior surface prior to removal of existing coatings for verification.** In the event that lead and/or PCBs are detected, level of abatement required based on additional testing will determine additional scope and cost.

END OF ADDENDUM NO. 3

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MONTANA.
SIGNATURE:  TYPED NAME: BRANDT, A.F. LEE
March 25, 2024 REG. NO. 59794 PE



EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250
Telephone: 317.803.2997 Fax:317.803.3047
IndianapolisLab#@emsl.com / www.Emsl.com

EMSL Order ID: 162451171
LIMS Reference ID: CC51171
EMSL Customer ID: NIHI62

Attention: Todd Schneider
Northern Industrial Hygiene, Inc. [NIHI62]
201 South 30th Street
Billings, MT 59101
(406) 245-7766
tschneider@northernih.com

Project Name: 33 St. Reservoir/399-1272

Customer PO:
EMSL Sales Rep: Randy Cavadini

Received: 03/19/2024 10:10
Reported: 03/20/2024 11:00

Analytical Results

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: L-1/Exterior Reservoir							Date Sampled: 03/18/24		
Matrix: Chips							LIMS Reference ID: CC51171-01		
Lead	<0.0080 % wt	0.0080 % wt	0.2584	03/19/24 JN	SW-846 3050B	03/19/24 CG	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-2/Paint on Metal							Date Sampled: 03/18/24		
Matrix: Chips							LIMS Reference ID: CC51171-02		
Lead	<0.0080 % wt	0.0080 % wt	0.2541	03/19/24 JN	SW-846 3050B	03/19/24 CG	SW 846-7000B		1
Sample Comments:									



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Certified Analyses included in this Report

Analyte	Certifications
SW 846-7000B in Chips	
Lead	16-AIHA LAP,16-OHDOH

List of Certifications

Code	Description	Number	Expires
16-MO	Missouri Drinking Water	10180	03/31/2026
16-NYDOH	New York Potable Water, Metals Solid and Hazardous Waste - Asbestos	12130	04/01/2024
16-AIHA LAP	EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP/IHLAP Accredited	157245	06/01/2025
16-CA ELAP	California Metals in DW, Chemistry and Bulk Asbestos in Hazardous Waste	2575	06/30/2024
16-A2LA Food	A2LA Food Microbiology	2845.11	07/31/2024
16-A2LA Chemistry	A2LA Environmental and Chemistry	2845.25	07/31/2024
16-IN Metals/Asbestos	Indiana Lead and Metals and Asbestos in Drinking Water	C-49-09	12/31/2026
16-OHDOH	Ohio - Lead in Paint Chips, Wipes, Soil and Air	E10040	05/03/2024
16-FLDOH	Florida Asbestos and Metals in Drinking Water, PCBs	E871170	06/30/2024
16-NJDEP	New Jersey Metals, Organics and Inorganics in DW PCBs	IN002	06/30/2024
16-IN Colilert/HPC	Indiana Colilert and HPC	M-49-06	12/31/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.



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Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
Q	Qualifier
RL	Reporting Limit

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Aleks Kuchenbrod Laboratory Manager or other approved signatory

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Analysis following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 0.008% by wt., based upon a minimum sample weight of 0.25g submitted to the lab, and is not responsible for any result or reporting limit provided in mg/cm2 since it is dependent upon an area value provided by non-lab personnel. A "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.



EMSL ANALYTICAL INC.
LABORATORY PRODUCTS TRADING

Lead (Pb) Chain of Custody
EMSL Order ID (Lab Use Only):

PHONE: ()
FAX: ()

16245117

Company: Northern Industrial Hygiene		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments*</small>		
Street: 201 South 30th Street		Third Party Billing requires written authorization from third party		
City: Billings	State/Province: MT	Zip/Postal Code: 59101	Country: USA	
Report To (Name): Todd Schneider		Telephone #: 573-821-6619		
Email Address: tschneider@northernih.com		Fax #:	Purchase Order:	
Project Name/Number: 33 st. Reservoir / 399-1272		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		
U.S. State Samples Taken: MT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input checked="" type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm (mg/kg)	SW846-7000B	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300M/NIOSH 7303	ICP-OES	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>*If no box checked, non-ASTM Wipe assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-OES	1.0 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1311/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW846-1312/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1312/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	<input type="checkbox"/>
	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>
Name of Sampler: Todd Schneider		Signature of Sampler:		
Sample #	Location	Volume/Area	Date/Time Sampled	
L-1	Exterior Reservoir	4±2	3-18-2024	
L-2	Paint on Metal	4±2	3-18-2024	
Client Sample #s L-1 & L-2		Total # of Samples: 2		
Relinquished (Client):	Date: 3-18-2024	Time: 1700		
Received (Lab):	Date: 3/19/24	Time: 1010		
Comments:				

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LIMS Reference ID: CC51174
EMSL Customer ID: NIHI62

Attention: Todd Schneider
 Northern Industrial Hygiene, Inc. [NIHI62]
 201 South 30th Street
 Billings, MT 59101
 (406) 245-7766
 tschneider@northernih.com

Project Name: 23 ST RESERVOIR/397-1272
Customer PO:
EMSL Sales Rep: Randy Cavadini
Received: 03/19/2024 10:10
Reported: 03/20/2024 10:15

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Sample: P-1/PAINT ON METAL										
										Lims Reference ID: CC51174-01 Matrix: Solid
										Sampled: 03/18/24 00:00:00
Aroclor-1016	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1221	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1232	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1242	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1248	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1254	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1260	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1262	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Aroclor-1268	<0.98		1	0.98	mg/kg	03/19/24 11:40	03/19/24 19:02	GB/GB	SW846 3546	SW846-8082A
Sample: P-2/EXTERIOR										
										Lims Reference ID: CC51174-02 Matrix: Solid
										Sampled: 03/18/24 00:00:00
Aroclor-1016	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1221	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1232	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1242	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1248	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1254	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1260	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1262	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A
Aroclor-1268	<0.93		1	0.93	mg/kg	03/19/24 11:40	03/19/24 19:53	GB/GB	SW846 3546	SW846-8082A

Sara A Dille Laboratory Manager or other approved signatory

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Customer PO:
EMSL Sales Rep: Randy Cavadini
Received: 03/19/2024 10:10
Reported: 03/20/2024 10:15

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Sample: P-2/EXTERIOR (Continued)										
Lims Reference ID: CC51174-02						Matrix: Solid		Sampled: 03/18/24 00:00:00		

Sara A Dille Laboratory Manager or other approved signatory

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Certified Analyses included in this Report

Analyte	CAS #	Certifications
SW846-8082A in Solid		
Aroclor-1016	12674-11-2	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1221	11104-28-2	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1232	11141-16-5	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1242	53469-21-9	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1248	12672-29-6	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1254	11097-69-1	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1260	11096-82-5	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1262	37324-23-5	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH
Aroclor-1268	11100-14-4	16-A2LA Chemistry,16-CA ELAP,16-FLDOH,16-NJDEP,16-NYDOH

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16-NJDEP	New Jersey Metals, Organics and Inorganics in DW PCBs	IN002	06/30/2024
16-MO	Missouri Drinking Water	10180	03/31/2026
16-IN Metals/As	Indiana Lead and Metals and Asbestos in Drinking Water	C-49-09	12/31/2026
16-IN Colilert/HI	Indiana Colilert and HPC	M-49-06	12/31/2026
16-FLDOH	Florida Asbestos and Metals in Drinking Water, PCBs	E871170	06/30/2024
16-CA ELAP	California Metals in DW, Chemistry and Bulk Asbestos in Hazardous Waste	2575	06/30/2024
16-AIHA LAP	EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP/IHLAP Accredited	157245	06/01/2025
16-A2LA Food	A2LA Food Microbiology	2845.11	07/31/2024
16-A2LA Chemis	A2LA Environmental and Chemistry	2845.25	07/31/2024

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EMSL ANALYTICAL INC.
LABORATORY PRODUCTS - TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

PHONE: ()
FAX: ()

102451174

Company: Northern Industrial Hygiene		EMSL Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**		
Street: 201 South 30th Street		Third Party Billing requires written authorization from third party		
City: Billings	State/Province: MT	Zip/Postal Code: 59101	Country: USA	
Report To (Name): Todd Schneider		Telephone #: 573-821-6619		
Email Address: tschneider@northernih.com		Fax #:	Purchase Order:	
Project Name/Number: 23rd Reservoir / 399-1272		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		
U.S. State Samples Taken: MT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week				
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm (mg/kg)	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300M/NIOSH 7303	ICP-OES	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box checked, non-ASTM Wipe assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-OES	1.0 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1311/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW846-1312/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1312/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input checked="" type="checkbox"/>
Other: PCB's	EPA SW846 3540C 8092A			<input checked="" type="checkbox"/>
Name of Sampler: Todd Schneider		Signature of Sampler: <i>Todd Schneider</i>		
Sample #	Location	Volume/Area	Date/Time Sampled	
P-1	Paint on Metal	10+ Grams	3-18-2024	
P-2	Exterior	10+ Grams	3-18-2024	
Client Sample #s: P-1 to P-2		Total # of Samples: 2		
Relinquished (Client): <i>Todd Schneider</i>	Date: 3-18-2024	Time: 1700		
Received (Lab): <i>[Signature]</i>	Date: 3/19/24	Time: 1010		
Comments:				



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 162405622
Customer ID: INDU51
Customer PO:
Project ID:

Attention: Todd Schneider
Northern Industrial Hygiene
1325 Euclid Avenue
Suite 1
Helena, MT 59601
Project: 33rd St. Reservoir / 399-1272

Phone: (406) 443-3369
Fax: (406) 443-3369
Received Date: 03/19/2024 10:10 AM
Analysis Date: 03/20/2024
Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
M20.1 A <small>162405622-0001</small>	Exterior - Paint on Concrete	White Non-Fibrous Homogeneous	HA: M20.1	100% Non-fibrous (Other)	None Detected
M20.1 B <small>162405622-0002</small>	Exterior - Paint on Concrete	White Non-Fibrous Homogeneous	HA: M20.1	100% Non-fibrous (Other)	None Detected
M20.1 C <small>162405622-0003</small>	Exterior - Paint on Concrete	White Non-Fibrous Homogeneous	HA: M20.1	100% Non-fibrous (Other)	None Detected
M20.2 A <small>162405622-0004</small>	Top of Reservoir - Paint and Substrate	Gray/White Non-Fibrous Homogeneous	HA: M20.2	100% Non-fibrous (Other)	None Detected
M20.2 B <small>162405622-0005</small>	Top of Reservoir - Paint and Substrate	Gray/White Non-Fibrous Homogeneous	HA: M20.2	100% Non-fibrous (Other)	None Detected
M20.2 C <small>162405622-0006</small>	Top of Reservoir - Paint and Substrate	Gray/White Non-Fibrous Homogeneous	HA: M20.2	100% Non-fibrous (Other)	None Detected

Analyst(s)
Alison Pacey (6)

Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 03/20/2024 11:12:24

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

Cinnaminson, NJ 08077
PHONE: 1-800-220-3875
EMAIL: c@emsl.com



162405622

Customer Information	Customer ID: NIH 62	Billing ID:
	Company Name: Northern Industrial Hygiene, Inc.	Company Name: Northern Industrial Hygiene, Inc.
	Contact Name: Todd Schneider	Billing Contact: Tasha Neil
	Street Address: 1325 Euclid Ave	Street Address: 201 South 30th Street
	City, State, Zip: Helena MT 59601 Country: US	City, State, Zip: Billings MT Country: US
Phone: 406-245-7766	Phone: 406-245-7766	
Email(s) for Report: tschneider@northernih.com	Email(s) for Invoice:	

Project Information

Project Name/No: **33rd St. Reservoir / 399-1272** Purchase Order:

EMSL CIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: **MT** State of Connecticut (CT) must select project location:
 Commercial (Taxable) Residential (Non-Taxable)

Sampled By Name: **Todd Schneider** Sampled By Signature: *Todd Schneider* Date Sampled: No. of Samples in Shipment: **6**

Turn-Around-Time (TAT)
 3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 68 Hour 1 Week 2 Week
 Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

PLM EPA 600/R-93/116 (<1%)
 PLM EPA NOB (<1%)
 POINT COUNT
 400 (<0.25%) 1,000 (<0.1%)
 POINT COUNT w/ GRAVIMETRIC
 400 (<0.25%) 1,000 (<0.1%)
 NIOSH 8002 (<1%)
 NYS 198.1 (Friable - NY)
 NYS 198.6 NOB (Non-Friable - NY)
 NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

TEM EPA NOB
 NYS NOB 198.4 (Non-Friable - NY)
 TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
m20.1 A	m20.1	Exterior	Paint on concrete
B			
C			
m20.2 A	m20.2	Top of Reservoir	Paint and substrate
B			
C			

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment: **Fed Ex** Sample Condition Upon Receipt:

Shipped by: *Todd Schneider* Date/Time: **3-18-2024 1700** Received by: *[Signature]* Date/Time: **3/19/24 1810**

Shipped by: Date/Time: Received by: Date/Time:

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.