



Exhibit M Concordia

120 East Davis Street
Fayette, MO 65248-1405
(660) 248-1911
www.inovatia.com

6/2/2014

Page Number: 1 of 4

Missouri Department of Transportation
830 MODOT Drive
Jefferson City, MO 65102
Doug Record

RE: Project Name/Number: N/A / N/A
Chain of Custody Number: 14-0524

Date Received: May 21, 2014
Time Received: 13:57
Relinquished by: Daryl Bowles
Sampler: Daryl Bowles

Enclosed please find analytical results for sample(s) received as described above. The values reported are in conformance with internal and method quality control guidelines, unless otherwise noted. If you have questions or need more information, please contact us.

Thank you for your interest in working with Inovatia Laboratories.

Sincerely,

Jennifer Vandelicht
Quality Assurance

Enclosures: Chain of Custody Record(s)



120 East Davis Street
P.O. Box 30
Fayette, MO 65248-0030

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www.inovatia.com

ANALYSIS REPORT

Chain of Custody Number: 14-0524
Project Name / Number: N/A / N/A
Date Collected: 05/21/14
Time Collected: 10:55

Sample Number: Cell 1
Lab Number: 141851
Sample Matrix: Sludge
Sample Type: Composite

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Sodium, Total	457	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Magnesium, Total	3700	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Phosphorus, Total	2260	mg/Kg	1	EPA 6010	5/28/2014 - MWL
Sulfur, Total	5340	mg/Kg	2.5	EPA 6010	5/28/2014 - MWL
Potassium, Total	2430	mg/Kg	1	EPA 6010	5/28/2014 - MWL
Calcium, Total	5450	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Chromium, Total	19.3	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Manganese, Total	442	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Iron, Total	22400	mg/Kg	0.5	EPA 6010	5/28/2014 - MWL
Nickel, Total	21.6	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Copper, Total	31.9	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Zinc, Total	116	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Arsenic, Total	7.73	mg/Kg	0.05	EPA 6020	5/28/2014 - MWL
Selenium, Total	3.26	mg/Kg	0.05	EPA 6020	5/28/2014 - MWL
Molybdenum, Total	1.64	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Silver, Total	< 0.1	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Cadmium, Total	0.84	mg/Kg	0.05	EPA 6010	5/28/2014 - MWL
Barium, Total	230	mg/Kg	0.05	EPA 6010	5/28/2014 - MWL
Mercury, Total	0.17	mg/Kg	0.005	EPA 7471	5/28/2014 - MWL
Lead, Total	13.6	mg/Kg	0.5	EPA 6010	5/28/2014 - MWL
Percent Solids	21.7	%	0.01	SM 2540 G	5/28/2014 - MWL

Notes:

Results on a Dry Weight Basis

Report Date: 06/02/14
Page Number: 2 of 4

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ANALYSIS REPORT

Chain of Custody Number: 14-0524
Project Name / Number: N/A / N/A
Date Collected: 5/21/2014
Time Collected: 11:10

Sample Number: Cell 2
Lab Number: 141852
Sample Matrix: Sludge
Sample Type: Composite

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Sodium, Total	410	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Magnesium, Total	4710	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Phosphorus, Total	3070	mg/Kg	1	EPA 6010	5/28/2014 - MWL
Sulfur, Total	2420	mg/Kg	2.5	EPA 6010	5/28/2014 - MWL
Potassium, Total	3030	mg/Kg	1	EPA 6010	5/28/2014 - MWL
Calcium, Total	8360	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Chromium, Total	23.0	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Manganese, Total	972	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Iron, Total	24200	mg/Kg	0.5	EPA 6010	5/28/2014 - MWL
Nickel, Total	23.7	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Copper, Total	20.9	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Zinc, Total	75.8	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Arsenic, Total	5.96	mg/Kg	0.05	EPA 6020	5/28/2014 - MWL
Selenium, Total	4.19	mg/Kg	0.05	EPA 6020	5/28/2014 - MWL
Molybdenum, Total	0.83	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Silver, Total	< 0.1	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Cadmium, Total	0.66	mg/Kg	0.05	EPA 6010	5/28/2014 - MWL
Barium, Total	260	mg/Kg	0.05	EPA 6010	5/28/2014 - MWL
Mercury, Total	0.05	mg/Kg	0.005	EPA 7471	5/28/2014 - MWL
Lead, Total	14.4	mg/Kg	0.5	EPA 6010	5/28/2014 - MWL
Percent Solids	25.1	%	0.01	SM 2540 G	5/28/2014 - MWL

Notes:

Results on a Dry Weight Basis

Report Date: 06/02/14
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ANALYSIS REPORT

Chain of Custody Number: 14-0524
Project Name / Number: N/A / N/A
Date Collected: 5/21/2014
Time Collected: 11:20

Sample Number: Cell 3
Lab Number: 141853
Sample Matrix: Sludge
Sample Type: Composite

Analysis	Result	Units	Reporting Limit	Analysis Method	Date - Analyst
Sodium, Total	424	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Magnesium, Total	5250	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Phosphorus, Total	3010	mg/Kg	1	EPA 6010	5/28/2014 - MWL
Sulfur, Total	2480	mg/Kg	2.5	EPA 6010	5/28/2014 - MWL
Potassium, Total	3520	mg/Kg	1	EPA 6010	5/28/2014 - MWL
Calcium, Total	7780	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Chromium, Total	25.7	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Manganese, Total	780	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Iron, Total	25000	mg/Kg	0.5	EPA 6010	5/28/2014 - MWL
Nickel, Total	26.4	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Copper, Total	80.4	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Zinc, Total	86.0	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Arsenic, Total	6.24	mg/Kg	0.05	EPA 6020	5/28/2014 - MWL
Selenium, Total	4.28	mg/Kg	0.05	EPA 6020	5/28/2014 - MWL
Molybdenum, Total	0.62	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Silver, Total	< 0.1	mg/Kg	0.1	EPA 6010	5/28/2014 - MWL
Cadmium, Total	0.82	mg/Kg	0.05	EPA 6010	5/28/2014 - MWL
Barium, Total	227	mg/Kg	0.05	EPA 6010	5/28/2014 - MWL
Mercury, Total	0.05	mg/Kg	0.005	EPA 7471	5/28/2014 - MWL
Lead, Total	17.0	mg/Kg	0.5	EPA 6010	5/28/2014 - MWL
Percent Solids	24.4	%	0.01	SM 2540 G	5/28/2014 - MWL

Notes:

Results on a Dry Weight Basis

Report Date: 06/02/14
Page Number: 4 of 4

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CHAIN OF CUSTODY RECORD

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IL_CustServ@inovatia.com

CHAIN NUMBER: 14-0524
DATE REPORTED: 6/2/2014
INVOICE NUMBER: _____

Contact Name: Doug Record Phone Number: 573-526-7937 Project Due Date: _____
Company Name: MODOT Fax Number: _____ Comments: _____
Address: 830 MODOT Drive Project Name / Number: _____
City, State, Zip: Jefferson City, MO 65102 Quote Number: _____
E-Mail: douglas.record@modot.mo.gov Purchase Order Number: _____
Sampler's Name: DARYL R. POWLES
(please print) Sampler's Signature: [Signature]

DISPOSITION INFORMATION

- ☐ STORE WITHIN HOLD TIME
☐ STORE LONG TERM
☐ RETURN AT CUSTOMER EXPENSE
☐ DISPOSE OF SAMPLE AT INOVATIA
☐ OTHER
NOTES: _____

DELIVERY METHOD: Hand
CUSTODY SEALS: ☐ YES ☒ NO ☐ INTACT ☐ BROKEN
COOLANT: ☒ ICE ☐ ICE PACK ☐ NONE
PACKAGE TYPE: Cooler
ARRIVAL TEMPERATURE: 11.2 °C
MEASURED BY: ☐ TEMPERATURE BLANK ☒ SAMPLE ☐ COOLER / CONTAINER

LAB NUMBER	Customer Sample Number	Date Collected	Time Collected	Matrix Soil / Water / Sludge / Other
1	141851	5-21-14	1055	Sludge
2	141852	5-21-14	1110	Sludge
3	141853	5-21-14	1120	Sludge
4				
5				
6				
7				
8				
9				
10				

G=grab / C=composite
No. of Containers

Method Number →

NUMBER PER PRESERVATIVE

HCl HNO₃ NaOH H₂SO₄ TSP Other: Other:

REQUESTED ANALYSES

503 metals

Please include any information that may be useful in the analysis of the sample, such as: **expected concentrations, required detection limits, and method of collection.**

Comments:

8 POINT COMPOSITE
4 POINT COMPOSITE
4 POINT COMPOSITE

Relinquished By: [Signature] Date: 5-21-14 Time: 1357 Received By: [Signature] Date: 5-21-14 Time: 1357
Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

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When You Want Innovation, Think Inovatia™