

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
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University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-208432-1
Client Project/Site: 3M Wausau, WI 30087606.00001

For:
ARCADIS U.S., Inc.
126 North Jefferson Street
Suite 400
Milwaukee, Wisconsin 53202

Attn: Trena Seilheimer



Authorized for release by:
12/6/2021 12:29:11 PM

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Job ID: 500-208432-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-208432-1

Comments

No additional comments.

Receipt

The samples were received on 11/16/2021 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.8° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04A (0-2)

Lab Sample ID: 500-208432-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.8		1.0	0.35	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-04A (2-4)

Lab Sample ID: 500-208432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.73	J	0.96	0.33	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-04D (0-2)

Lab Sample ID: 500-208432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.77	J	1.0	0.35	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-04D (2-4)

Lab Sample ID: 500-208432-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.39	J	1.0	0.35	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-01A (0-2)

Lab Sample ID: 500-208432-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		0.99	0.34	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-01A (2-4)

Lab Sample ID: 500-208432-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		0.99	0.34	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-02C (0-2)

Lab Sample ID: 500-208432-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		0.97	0.33	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-02C (2-4)

Lab Sample ID: 500-208432-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.77	J	0.99	0.34	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-02A (0-2)

Lab Sample ID: 500-208432-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		1.1	0.36	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-02A (2-4)

Lab Sample ID: 500-208432-10

No Detections.

Client Sample ID: SB-02D (0-2)

Lab Sample ID: 500-208432-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.5		0.97	0.33	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-02D (2-4)

Lab Sample ID: 500-208432-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.6		0.92	0.32	mg/Kg	1	☒	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04C (0-2)

Lab Sample ID: 500-208432-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		0.95	0.32	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-04C (2-4)

Lab Sample ID: 500-208432-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7		0.99	0.34	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-04B (0-2)

Lab Sample ID: 500-208432-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	64		1.0	0.35	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-04B (2-4)

Lab Sample ID: 500-208432-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		0.97	0.33	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05B (0-2)

Lab Sample ID: 500-208432-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		1.0	0.35	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05B (2-4)

Lab Sample ID: 500-208432-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.2		1.3	0.44	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05C (0-2)

Lab Sample ID: 500-208432-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		1.1	0.39	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05C (2-4)

Lab Sample ID: 500-208432-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4		0.95	0.33	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05A (0-2)

Lab Sample ID: 500-208432-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		1.0	0.34	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05A (2-4)

Lab Sample ID: 500-208432-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		1.3	0.44	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05D (0-2)

Lab Sample ID: 500-208432-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.9		1.0	0.35	mg/Kg	1	☒	6010C	Total/NA

Client Sample ID: SB-05D (2-4)

Lab Sample ID: 500-208432-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.1		0.96	0.33	mg/Kg	1	☒	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: DUP-01 (111221)

Lab Sample ID: 500-208432-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.57	J	0.89	0.30	mg/Kg	1	✳	6010C	Total/NA

Client Sample ID: DUP-02 (111221)

Lab Sample ID: 500-208432-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		0.91	0.31	mg/Kg	1	✳	6010C	Total/NA

Client Sample ID: DUP-03 (111221)

Lab Sample ID: 500-208432-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.78	J	1.0	0.35	mg/Kg	1	✳	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-208432-1	SB-04A (0-2)	Solid	11/12/21 10:05	11/16/21 10:25
500-208432-2	SB-04A (2-4)	Solid	11/12/21 10:10	11/16/21 10:25
500-208432-3	SB-04D (0-2)	Solid	11/12/21 10:15	11/16/21 10:25
500-208432-4	SB-04D (2-4)	Solid	11/12/21 10:20	11/16/21 10:25
500-208432-5	SB-01A (0-2)	Solid	11/12/21 10:30	11/16/21 10:25
500-208432-6	SB-01A (2-4)	Solid	11/12/21 10:35	11/16/21 10:25
500-208432-7	SB-02C (0-2)	Solid	11/12/21 10:45	11/16/21 10:25
500-208432-8	SB-02C (2-4)	Solid	11/12/21 10:50	11/16/21 10:25
500-208432-9	SB-02A (0-2)	Solid	11/12/21 10:55	11/16/21 10:25
500-208432-10	SB-02A (2-4)	Solid	11/12/21 11:00	11/16/21 10:25
500-208432-11	SB-02D (0-2)	Solid	11/12/21 11:10	11/16/21 10:25
500-208432-12	SB-02D (2-4)	Solid	11/12/21 11:15	11/16/21 10:25
500-208432-13	SB-04C (0-2)	Solid	11/12/21 11:50	11/16/21 10:25
500-208432-14	SB-04C (2-4)	Solid	11/12/21 11:55	11/16/21 10:25
500-208432-15	SB-04B (0-2)	Solid	11/12/21 12:00	11/16/21 10:25
500-208432-16	SB-04B (2-4)	Solid	11/12/21 12:05	11/16/21 10:25
500-208432-17	SB-05B (0-2)	Solid	11/12/21 12:15	11/16/21 10:25
500-208432-18	SB-05B (2-4)	Solid	11/12/21 12:20	11/16/21 10:25
500-208432-19	SB-05C (0-2)	Solid	11/12/21 12:25	11/16/21 10:25
500-208432-20	SB-05C (2-4)	Solid	11/12/21 12:30	11/16/21 10:25
500-208432-21	SB-05A (0-2)	Solid	11/12/21 12:35	11/16/21 10:25
500-208432-22	SB-05A (2-4)	Solid	11/12/21 12:40	11/16/21 10:25
500-208432-23	SB-05D (0-2)	Solid	11/12/21 12:45	11/16/21 10:25
500-208432-24	SB-05D (2-4)	Solid	11/12/21 12:50	11/16/21 10:25
500-208432-25	DUP-01 (111221)	Solid	11/12/21 00:00	11/16/21 10:25
500-208432-26	DUP-02 (111221)	Solid	11/12/21 00:00	11/16/21 10:25
500-208432-27	DUP-03 (111221)	Solid	11/12/21 00:00	11/16/21 10:25

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04A (0-2)

Lab Sample ID: 500-208432-1

Date Collected: 11/12/21 10:05

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 87.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		1.0	0.35	mg/Kg	✱	12/02/21 03:00	12/03/21 12:02	1

- 1
- 2
- 3
- 4
- 5
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- 10
- 11
- 12
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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04A (2-4)

Lab Sample ID: 500-208432-2

Date Collected: 11/12/21 10:10

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 95.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.73	J	0.96	0.33	mg/Kg	☼	12/02/21 02:25	12/03/21 11:08	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04D (0-2)

Lab Sample ID: 500-208432-3

Date Collected: 11/12/21 10:15

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 90.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.77	J	1.0	0.35	mg/Kg	☼	12/02/21 03:00	12/03/21 13:12	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04D (2-4)

Lab Sample ID: 500-208432-4

Date Collected: 11/12/21 10:20

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 95.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.39	J	1.0	0.35	mg/Kg	☼	12/02/21 03:00	12/03/21 13:16	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-01A (0-2)

Lab Sample ID: 500-208432-5

Date Collected: 11/12/21 10:30

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		0.99	0.34	mg/Kg	☼	12/02/21 03:00	12/03/21 13:19	1

- 1
- 2
- 3
- 4
- 5
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- 10
- 11
- 12
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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-01A (2-4)

Lab Sample ID: 500-208432-6

Date Collected: 11/12/21 10:35

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 95.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		0.99	0.34	mg/Kg	☼	12/02/21 03:00	12/03/21 13:22	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02C (0-2)

Lab Sample ID: 500-208432-7

Date Collected: 11/12/21 10:45

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 89.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		0.97	0.33	mg/Kg	☼	12/02/21 03:00	12/03/21 13:25	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02C (2-4)

Lab Sample ID: 500-208432-8

Date Collected: 11/12/21 10:50

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 87.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.77	J	0.99	0.34	mg/Kg	☼	12/02/21 03:00	12/03/21 13:28	1

- 1
- 2
- 3
- 4
- 5
- 6
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- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02A (0-2)

Lab Sample ID: 500-208432-9

Date Collected: 11/12/21 10:55

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 89.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		1.1	0.36	mg/Kg	☼	12/02/21 03:00	12/03/21 13:31	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02A (2-4)

Lab Sample ID: 500-208432-10

Date Collected: 11/12/21 11:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 65.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.49		1.4	0.49	mg/Kg	☼	12/02/21 03:00	12/03/21 13:41	1

- 1
- 2
- 3
- 4
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- 8
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- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02D (0-2)

Lab Sample ID: 500-208432-11

Date Collected: 11/12/21 11:10

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		0.97	0.33	mg/Kg	☼	12/02/21 03:00	12/03/21 13:44	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
 Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02D (2-4)

Lab Sample ID: 500-208432-12

Date Collected: 11/12/21 11:15

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 91.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6		0.92	0.32	mg/Kg	☼	12/02/21 03:00	12/03/21 13:47	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04C (0-2)

Lab Sample ID: 500-208432-13

Date Collected: 11/12/21 11:50

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 88.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		0.95	0.32	mg/Kg	☼	12/02/21 03:00	12/03/21 13:50	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04C (2-4)

Lab Sample ID: 500-208432-14

Date Collected: 11/12/21 11:55

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 88.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		0.99	0.34	mg/Kg	☼	12/02/21 03:00	12/03/21 13:53	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04B (0-2)

Lab Sample ID: 500-208432-15

Date Collected: 11/12/21 12:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 89.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	64		1.0	0.35	mg/Kg	☼	12/02/21 03:00	12/03/21 13:56	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04B (2-4)

Lab Sample ID: 500-208432-16

Date Collected: 11/12/21 12:05

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 91.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		0.97	0.33	mg/Kg	☼	12/02/21 03:00	12/03/21 14:00	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05B (0-2)

Lab Sample ID: 500-208432-17

Date Collected: 11/12/21 12:15

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 86.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		1.0	0.35	mg/Kg	☼	12/02/21 03:00	12/03/21 14:03	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05B (2-4)

Lab Sample ID: 500-208432-18

Date Collected: 11/12/21 12:20

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 75.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.2		1.3	0.44	mg/Kg	☼	12/02/21 03:00	12/03/21 14:06	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05C (0-2)

Lab Sample ID: 500-208432-19

Date Collected: 11/12/21 12:25

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 86.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		1.1	0.39	mg/Kg	☼	12/02/21 03:00	12/03/21 14:09	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05C (2-4)

Lab Sample ID: 500-208432-20

Date Collected: 11/12/21 12:30

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 90.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4		0.95	0.33	mg/Kg	☼	12/02/21 03:00	12/03/21 14:19	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05A (0-2)

Lab Sample ID: 500-208432-21

Date Collected: 11/12/21 12:35

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 84.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		1.0	0.34	mg/Kg	☼	12/02/21 03:00	12/03/21 14:22	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05A (2-4)

Lab Sample ID: 500-208432-22

Date Collected: 11/12/21 12:40

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 75.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		1.3	0.44	mg/Kg	☼	12/02/21 03:30	12/03/21 11:18	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05D (0-2)

Lab Sample ID: 500-208432-23

Date Collected: 11/12/21 12:45

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 81.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		1.0	0.35	mg/Kg	☼	12/02/21 03:30	12/03/21 11:40	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05D (2-4)

Lab Sample ID: 500-208432-24

Date Collected: 11/12/21 12:50

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1		0.96	0.33	mg/Kg	☼	12/02/21 03:30	12/03/21 11:43	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: DUP-01 (111221)

Lab Sample ID: 500-208432-25

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 95.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.57	J	0.89	0.30	mg/Kg	☼	12/02/21 03:30	12/03/21 11:46	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: DUP-02 (111221)

Lab Sample ID: 500-208432-26

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		0.91	0.31	mg/Kg	☼	12/02/21 03:30	12/03/21 11:49	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: DUP-03 (111221)

Lab Sample ID: 500-208432-27

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 90.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.78	J	1.0	0.35	mg/Kg	☼	12/02/21 03:30	12/03/21 11:52	1

Definitions/Glossary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Sample Results

Client: ARCADIS U.S., Inc.
 Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-631718/1-A
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		12/02/21 02:25	12/03/21 11:01	1

Lab Sample ID: LCS 500-631718/2-A
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.0	8.28		mg/Kg		83	80 - 120

Lab Sample ID: MB 500-631719/1-A
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		12/02/21 03:00	12/03/21 11:56	1

Lab Sample ID: LCS 500-631719/2-A
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.0	8.55		mg/Kg		85	80 - 120

Lab Sample ID: 500-208432-1 MS
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: SB-04A (0-2)
Prep Type: Total/NA
Prep Batch: 631719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	3.8		10.4	12.1		mg/Kg	☼	80	75 - 125

Lab Sample ID: 500-208432-1 MSD
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: SB-04A (0-2)
Prep Type: Total/NA
Prep Batch: 631719

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	3.8		10.7	12.8		mg/Kg	☼	84	75 - 125	6	20

Lab Sample ID: 500-208432-1 DU
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: SB-04A (0-2)
Prep Type: Total/NA
Prep Batch: 631719

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	3.8		3.81		mg/Kg	☼	1	20

Lab Sample ID: MB 500-631720/1-A
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631720

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		12/02/21 03:30	12/03/21 11:11	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: ARCADIS U.S., Inc.
 Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Method: 6010C - Metals (ICP)

Lab Sample ID: LCS 500-631720/2-A
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631720
 %Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	10.0	8.41		mg/Kg		84	80 - 120

Lab Sample ID: 500-208432-22 MS
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: SB-05A (2-4)
Prep Type: Total/NA
Prep Batch: 631720
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	5.7		12.2	17.3		mg/Kg	✱	95	75 - 125

Lab Sample ID: 500-208432-22 MSD
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: SB-05A (2-4)
Prep Type: Total/NA
Prep Batch: 631720
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Arsenic	5.7		12.7	17.5		mg/Kg	✱	93	75 - 125	1	20

Lab Sample ID: 500-208432-22 DU
Matrix: Solid
Analysis Batch: 632135

Client Sample ID: SB-05A (2-4)
Prep Type: Total/NA
Prep Batch: 631720
 %Rec.

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	5.7		5.58		mg/Kg	✱	2	20

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04A (0-2)

Date Collected: 11/12/21 10:05

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-04A (0-2)

Date Collected: 11/12/21 10:05

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-1

Matrix: Solid

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 12:02	JJB	TAL CHI

Client Sample ID: SB-04A (2-4)

Date Collected: 11/12/21 10:10

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-04A (2-4)

Date Collected: 11/12/21 10:10

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-2

Matrix: Solid

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631718	12/02/21 02:25	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:08	JJB	TAL CHI

Client Sample ID: SB-04D (0-2)

Date Collected: 11/12/21 10:15

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-04D (0-2)

Date Collected: 11/12/21 10:15

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-3

Matrix: Solid

Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:12	JJB	TAL CHI

Client Sample ID: SB-04D (2-4)

Date Collected: 11/12/21 10:20

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04D (2-4)

Date Collected: 11/12/21 10:20

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-4

Matrix: Solid

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:16	JJB	TAL CHI

Client Sample ID: SB-01A (0-2)

Date Collected: 11/12/21 10:30

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-01A (0-2)

Date Collected: 11/12/21 10:30

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-5

Matrix: Solid

Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:19	JJB	TAL CHI

Client Sample ID: SB-01A (2-4)

Date Collected: 11/12/21 10:35

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-01A (2-4)

Date Collected: 11/12/21 10:35

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-6

Matrix: Solid

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:22	JJB	TAL CHI

Client Sample ID: SB-02C (0-2)

Date Collected: 11/12/21 10:45

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02C (0-2)

Date Collected: 11/12/21 10:45

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-7

Matrix: Solid

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:25	JJB	TAL CHI

Client Sample ID: SB-02C (2-4)

Date Collected: 11/12/21 10:50

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-02C (2-4)

Date Collected: 11/12/21 10:50

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-8

Matrix: Solid

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:28	JJB	TAL CHI

Client Sample ID: SB-02A (0-2)

Date Collected: 11/12/21 10:55

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-02A (0-2)

Date Collected: 11/12/21 10:55

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-9

Matrix: Solid

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:31	JJB	TAL CHI

Client Sample ID: SB-02A (2-4)

Date Collected: 11/12/21 11:00

Date Received: 11/16/21 10:25

Lab Sample ID: 500-208432-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-02A (2-4)

Lab Sample ID: 500-208432-10

Date Collected: 11/12/21 11:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 65.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:41	JJB	TAL CHI

Client Sample ID: SB-02D (0-2)

Lab Sample ID: 500-208432-11

Date Collected: 11/12/21 11:10

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-02D (0-2)

Lab Sample ID: 500-208432-11

Date Collected: 11/12/21 11:10

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:44	JJB	TAL CHI

Client Sample ID: SB-02D (2-4)

Lab Sample ID: 500-208432-12

Date Collected: 11/12/21 11:15

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-02D (2-4)

Lab Sample ID: 500-208432-12

Date Collected: 11/12/21 11:15

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:47	JJB	TAL CHI

Client Sample ID: SB-04C (0-2)

Lab Sample ID: 500-208432-13

Date Collected: 11/12/21 11:50

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04C (0-2)

Lab Sample ID: 500-208432-13

Date Collected: 11/12/21 11:50

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:50	JJB	TAL CHI

Client Sample ID: SB-04C (2-4)

Lab Sample ID: 500-208432-14

Date Collected: 11/12/21 11:55

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-04C (2-4)

Lab Sample ID: 500-208432-14

Date Collected: 11/12/21 11:55

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:53	JJB	TAL CHI

Client Sample ID: SB-04B (0-2)

Lab Sample ID: 500-208432-15

Date Collected: 11/12/21 12:00

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-04B (0-2)

Lab Sample ID: 500-208432-15

Date Collected: 11/12/21 12:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 13:56	JJB	TAL CHI

Client Sample ID: SB-04B (2-4)

Lab Sample ID: 500-208432-16

Date Collected: 11/12/21 12:05

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-04B (2-4)

Lab Sample ID: 500-208432-16

Date Collected: 11/12/21 12:05

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 14:00	JJB	TAL CHI

Client Sample ID: SB-05B (0-2)

Lab Sample ID: 500-208432-17

Date Collected: 11/12/21 12:15

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-05B (0-2)

Lab Sample ID: 500-208432-17

Date Collected: 11/12/21 12:15

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 14:03	JJB	TAL CHI

Client Sample ID: SB-05B (2-4)

Lab Sample ID: 500-208432-18

Date Collected: 11/12/21 12:20

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-05B (2-4)

Lab Sample ID: 500-208432-18

Date Collected: 11/12/21 12:20

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 14:06	JJB	TAL CHI

Client Sample ID: SB-05C (0-2)

Lab Sample ID: 500-208432-19

Date Collected: 11/12/21 12:25

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05C (0-2)

Lab Sample ID: 500-208432-19

Date Collected: 11/12/21 12:25

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 14:09	JJB	TAL CHI

Client Sample ID: SB-05C (2-4)

Lab Sample ID: 500-208432-20

Date Collected: 11/12/21 12:30

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631125	11/29/21 07:03	LWN	TAL CHI

Client Sample ID: SB-05C (2-4)

Lab Sample ID: 500-208432-20

Date Collected: 11/12/21 12:30

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 14:19	JJB	TAL CHI

Client Sample ID: SB-05A (0-2)

Lab Sample ID: 500-208432-21

Date Collected: 11/12/21 12:35

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Client Sample ID: SB-05A (0-2)

Lab Sample ID: 500-208432-21

Date Collected: 11/12/21 12:35

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631719	12/02/21 03:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 14:22	JJB	TAL CHI

Client Sample ID: SB-05A (2-4)

Lab Sample ID: 500-208432-22

Date Collected: 11/12/21 12:40

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: SB-05A (2-4)

Lab Sample ID: 500-208432-22

Date Collected: 11/12/21 12:40

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631720	12/02/21 03:30	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:18	JJB	TAL CHI

Client Sample ID: SB-05D (0-2)

Lab Sample ID: 500-208432-23

Date Collected: 11/12/21 12:45

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Client Sample ID: SB-05D (0-2)

Lab Sample ID: 500-208432-23

Date Collected: 11/12/21 12:45

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631720	12/02/21 03:30	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:40	JJB	TAL CHI

Client Sample ID: SB-05D (2-4)

Lab Sample ID: 500-208432-24

Date Collected: 11/12/21 12:50

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Client Sample ID: SB-05D (2-4)

Lab Sample ID: 500-208432-24

Date Collected: 11/12/21 12:50

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631720	12/02/21 03:30	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:43	JJB	TAL CHI

Client Sample ID: DUP-01 (111221)

Lab Sample ID: 500-208432-25

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Client Sample ID: DUP-01 (111221)

Lab Sample ID: 500-208432-25

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631720	12/02/21 03:30	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:46	JJB	TAL CHI

Client Sample ID: DUP-02 (111221)

Lab Sample ID: 500-208432-26

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Client Sample ID: DUP-02 (111221)

Lab Sample ID: 500-208432-26

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631720	12/02/21 03:30	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:49	JJB	TAL CHI

Client Sample ID: DUP-03 (111221)

Lab Sample ID: 500-208432-27

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	631201	11/29/21 09:31	LWN	TAL CHI

Client Sample ID: DUP-03 (111221)

Lab Sample ID: 500-208432-27

Date Collected: 11/12/21 00:00

Matrix: Solid

Date Received: 11/16/21 10:25

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631720	12/02/21 03:30	WRE	TAL CHI
Total/NA	Analysis	6010C		1	632135	12/03/21 11:52	JJB	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: 3M Wausau, WI 30087606.00001

Job ID: 500-208432-1

Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Chain of Custody Record

Regulatory Program: DW NPDES RCRA Other

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: <u>Trena Selheimer</u>	Site Contact: LR	Date: <u>11/15/21</u>
Arcadis 126 N Jefferson St Milwaukee, WI 53202 (xxx) xxx-xxxx Phn (xxx) xxx-xxxx FAX	Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <u>Standard</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	Lab Contact:	Carrier:
Project Name <u>3M Wausau</u> Site <u>Wausau, WI</u> P O # <u>30087606 00001</u>	Sample Identification	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)



500-208432 COC

COC No <u>7</u> of <u>3</u> COCs
TALS Project #
Sampler
For Lab Use Only: Walk-in Client. <input type="checkbox"/> Lab Sampling <input type="checkbox"/>
Job / SDG No <u>500-208432</u>

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1 SB-04A (0-2)	11/12/21	1005	G	S	1	N	X	MS/MSD
2 SB-04A (2-4)		1010				N		
3 SB-04D (0-2)		1015				N		
4 SB-04D (2-4)		1020				N		
5 SB-01A (0-2)		1030				N		
6 SB-01A (2-4)		1035				N		
7 SB-02C (0-2)		1045				N		
8 SB-02C (2-4)		1050				N		
9 SB-02A (0-2)		1055				N		
10 SB-02A (2-4)		1100				N		
11 SB-02D (0-2)		1110				N		
12 SB-02D (2-4)		1115				N		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
--	--

Special Instructions/QC Requirements & Comments:

Custody Seals Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No	Cooler Temp (°C) Obs'd <u>4.9</u> Cor'd <u>4.8</u>	Therm ID No
Relinquished by: <u>[Signature]</u>	Company: <u>Arcadis</u>	Date/Time: <u>11/15/21 9:00</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Company: <u>TA</u>	Date/Time: <u>11/15/21 17:00</u>	Received by: <u>[Signature]</u>
Relinquished by: <u>[Signature]</u>	Company: <u>[Signature]</u>	Date/Time: <u>11/16/21 10:25</u>	Received in Laboratory by: <u>[Signature]</u>

University Park, IL 60484-3101
phone 708 534 5200 fax 708 534 5211

Regulatory Program: DW NPDES RCRA Other

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Project Manager: See p1

Client Contact	Email	Site Contact: LR	Date: 11/15/21	COC No
Arcadis	Tel/Fax:	Lab Contact:	Carrier:	2 of 3 COCs
126 N Jefferson St	Analysis Turnaround Time			TALS Project #
Milwaukee, WI 53202	<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS			Sampler:
(xxx) xxx-xxxx Phone	TAT if different from Below _____			For Lab Use Only:
(xxx) xxx-xxxx FAX	<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			Walk-in Client. <input type="checkbox"/>
Project Name 3M Wausau				Lab Sampling <input type="checkbox"/>
Site Wausau, WI				Job / SDG No
P O # 30087606 00001				500-208432

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
13 SB-04C (0-2)	11/12/21	1150	G	S	1	N	X	
14 SB-04C (2-4)		1155						
15 SB-04B (0-2)		1200						
16 SB-04B (2-4)		1205						
17 SB-05B (0-2)		1215						
18 SB-05B (2-4)		1220						
19 SB-05C (0-2)		1225						
20 SB-05C (2-4)		1230						
21 SB-05A (0-2)		1235						
22 SB-05A (2-4)		1240						MS/MSD
23 SB-05D (0-2)		1245						
24 SB-05D (2-4)		1250						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
<input checked="" type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No
Relinquished by: [Signature]	Company: Arcadis	Date/Time: 11/15/21 900	Received by: [Signature]	Company: A
Relinquished by: [Signature]	Company: T7	Date/Time: 11-15-21 1700	Received by:	Company:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [Signature]	Company: [Signature]



Chain of Custody Record

University Park, IL 60484-3101
phone 708 534 5200 fax 708 534 5211

Regulatory Program: DW NPDES RCRA Other

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact		Project Manager: <i>see p1</i>		Site Contact: LR		Date: 11/15/21		COC No	
Arcadis		Email		Lab Contact:		Carrier:		3 of 3 COCs	
126 N Jefferson St		Tel/Fax:		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) AS		TALS Project #	
Milwaukee, WI 53202		(xxx) xxx-xxxx Phone (xxx) xxx-xxxx FAX						Sampler:	
Project Name 3M Wausau								For Lab Use Only: Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/>	
Site Wausau, WI								Job / SDG No	
P O # 30087606 00001								500-208432	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			Sample Specific Notes
25	DUP-01 (111221)	11/12/21	-	G	S	1	N	N	Duplicate
26	DUP-02 (111221)	↓	-	↓	↓	↓	↓	↓	Duplicate
27	DUP-03 (111221)	↓	-	↓	↓	↓	↓	↓	Duplicate
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: 									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: <i>[Signature]</i>		Company: Arcadis		Date/Time: 11/15/21 9:00		Received by: <i>[Signature]</i>		Company: EA	
Relinquished by: <i>[Signature]</i>		Company: EA		Date/Time: 11-15-21 1700		Received by: <i>[Signature]</i>		Company: EA	
Relinquished by: <i>[Signature]</i>		Company: EA		Date/Time: 11/16/21 1025		Received by: <i>[Signature]</i>		Company: EA	



Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 500-208432-1

Login Number: 208432

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

