Iowa Department of Natural Resources

Beneficial Use Determination: Solid By-Product Management Plan

Analytical Testing Report

Beneficial Use ID#: 07 -BUD- 20 - 02

DNR Certified Lab: Eurofins

Lab Report Date: 2/25/26

By-Product Generator: John Deere Foundry

City: Waterloo State: IA Zip: 50701

By-Product Name: 802

Send completed report form(s), laboratory analytics, and supplemental Solid By-Product Management Plan (SBMP) documentation to:

Iowa Department of Natural Resources
Land Quality Bureau
Solid Waste Section
502 E 9th St
Des Moines, IA 50319-0034

For questions concerning this report form please contact the DNR at (515) 201-8272.

ANALYTICAL TESTING RESULTS

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846).

Required		Synthetic Precipitation Leaching Procedure (EPA Test Method 1312)				Total Metals		
*	Contaminant	MCL	10 X MCL	Test Result		Regulatory Limit	Test Result	
☒	Antimony	0.006 mg/L	0.06 mg/L	0.04	mg/L	31 mg/kg	1.12	mg/kg
☒	Arsenic	0.010 mg/L	0.10 mg/L	0.04	mg/L	17 mg/kg	4.6	mg/kg
☒	Barium	2.0 mg/L	20.0 mg/L	0.2	mg/L	15,000 mg/kg	116	mg/kg
☒	Beryllium	0.004 mg/L	0.04 mg/L	0.02	mg/L	110 mg/kg	.651	mg/kg
☒	Boron					16,000 mg/kg	56.1	mg/kg
☒	Cadmium	0.005 mg/L	0.05 mg/L	0.01	mg/L	70 mg/kg	.561	mg/kg
☒	Chromium	0.1 mg/L	1.0 mg/L	0.1	mg/L	**(Total)	9.47	mg/kg
						(Hexavalent - VI) 210 mg/kg		mg/kg
						(Trivalent - III) 97,000 mg/kg		mg/kg
☒	Cobalt					23 mg/kg	2.4	mg/kg
☒	Copper	1.3 mg/L	13.0 mg/L	0.02	mg/L	15,000 mg/kg	55.5	mg/kg
☒	Fluoride	4.0 mg/L	40.0 mg/L	3.23	mg/L	4,700 mg/kg	9.48	mg/kg
☒	Lead	0.015 mg/L	0.15 mg/L	0.02	mg/L	400 mg/kg	19.9	mg/kg
☒	Lithium					160 mg/kg	7.35	mg/kg
☒	Manganese					10,000 mg/kg	153	mg/kg
☒	Mercury	0.002 mg/L	0.02 mg/L	0.002	mg/L	23 mg/kg	0.0231	mg/kg
☒	Molybdenum					390 mg/kg	10.5	mg/kg
☒	Nickel					1,500 mg/kg	9.9	mg/kg
☒	Selenium	0.05 mg/L	0.5 mg/L	0.1	mg/L	390 mg/kg	1.83	mg/kg
☒	Silver					370 mg/kg	.561	mg/kg
☒	Thallium	0.002 mg/L	0.02 mg/L	<0.02	mg/L	0.78 mg/kg	.561	mg/kg
☒	Vanadium					350 mg/kg	6.23	mg/kg
☒	Zinc					23,000 mg/kg	128	mg/kg

*Required contaminant

**If Total Chromiun ≥210 mg/kg, further analysis shall be conducted to determine hexavalent and trivalent results.

Toxicity Characteristic Leaching Procedure (EPA Test Method 1311) - Regulatory Limits

Metals					Volatile Organic Compounds				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☒	Arsenic	5.0 mg/L	0.1	mg/L	☐	Benzene	0.5 mg/L		mg/L
☒	Barium	100.0 mg/L	.226	mg/L	☐	Carbon tetrachloride	0.5 mg/L		mg/L
☒	Cadmium	1.0 mg/L	0.02	mg/L	☐	Chlorobenzene	100.0 mg/L		mg/L
☒	Chromium	5.0 mg/L	0.02	mg/L	☐	Chloroform	6.0 mg/L		mg/L
☒	Lead	5.0 mg/L	0.1	mg/L	☐	1,2-Dichloroethane	0.5 mg/L		mg/L
☒	Mercury	0.2 mg/L	0.002	mg/L	☐	1,1-Dichloroethylene	0.7 mg/L		mg/L
☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
☒	Silver	5.0 mg/L	0.05	mg/L	☐	Tetrachloroethylene	0.7 mg/L		mg/L
					☐	Trichloroethylene	0.5 mg/L		mg/L
					☐	Vinyl chloride	0.2 mg/L		mg/L
Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☐	Chlordane	0.03 mg/L		mg/L	☐	o-Cresol	200.0 mg/L		mg/L
☐	Endrin	0.02 mg/L		mg/L	☐	m-Cresol	200.0 mg/L		mg/L
☐	Heptachlor (and its epoxide)	0.008 mg/L		mg/L	☐	p-Cresol	200.0 mg/L		mg/L
☐	Lindane	0.4 mg/L		mg/L	☐	Cresol	200.0 mg/L		mg/L
☐	Methoxychlor	10.0 mg/L		mg/L	☐	1,4-Dichlorobenzene	7.5 mg/L		mg/L
☐	Toxaphene	0.5 mg/L		mg/L	☐	2,4-Dinitrotoluene	0.13 mg/L		mg/L
					☐	Hexachlorobenzene	0.13 mg/L		mg/L
					☐	Hexachlorobutadiene	0.5 mg/L		mg/L
					☐	Hexachloroethane	3.0 mg/L		mg/L
Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
☐	2,4,5-TP (Silvex)	1.0 mg/L		mg/L	☐	2,4,5-Trichlorophenol	400.0 mg/L		mg/L
					☐	2,4,6-Trichlorophenol	2.0 mg/L		mg/L

*Required contaminant

BY-PRODUCT GENERATOR CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature: _____ **Date:** 2/25/26

Printed Name: Casey Kann **Title:** Plant Manager

Iowa Department of Natural Resources

Beneficial Use Determination: Solid By-Product Management Plan

Analytical Testing Report

Beneficial Use ID#: 07 -BUD- 20 - 02

DNR Certified Lab: Eurofins

Lab Report Date: 2/25/26

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ANALYTICAL TESTING RESULTS

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846).

Required		Synthetic Precipitation Leaching Procedure (EPA Test Method 1312)				Total Metals		
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☒	Antimony	0.006 mg/L	0.06 mg/L	0.04	mg/L	31 mg/kg	1.12	mg/kg
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						(Hexavalent - VI) 210 mg/kg		mg/kg
						(Trivalent - III) 97,000 mg/kg		mg/kg
☒	Cobalt					23 mg/kg	2.4	mg/kg
☒	Copper	1.3 mg/L	13.0 mg/L	0.02	mg/L	15,000 mg/kg	55.5	mg/kg
☒	Fluoride	4.0 mg/L	40.0 mg/L	3.23	mg/L	4,700 mg/kg	9.48	mg/kg
☒	Lead	0.015 mg/L	0.15 mg/L	0.02	mg/L	400 mg/kg	19.9	mg/kg
☒	Lithium					160 mg/kg	7.35	mg/kg
☒	Manganese					10,000 mg/kg	153	mg/kg
☒	Mercury	0.002 mg/L	0.02 mg/L	0.002	mg/L	23 mg/kg	0.0231	mg/kg
☒	Molybdenum					390 mg/kg	10.5	mg/kg
☒	Nickel					1,500 mg/kg	9.9	mg/kg
☒	Selenium	0.05 mg/L	0.5 mg/L	0.1	mg/L	390 mg/kg	1.83	mg/kg
☒	Silver					370 mg/kg	.561	mg/kg
☒	Thallium	0.002 mg/L	0.02 mg/L	<0.02	mg/L	0.78 mg/kg	.561	mg/kg
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☒	Cadmium	1.0 mg/L	0.02	mg/L	☐	Chlorobenzene	100.0 mg/L		mg/L
☒	Chromium	5.0 mg/L	0.02	mg/L	☐	Chloroform	6.0 mg/L		mg/L
☒	Lead	5.0 mg/L	0.1	mg/L	☐	1,2-Dichloroethane	0.5 mg/L		mg/L
☒	Mercury	0.2 mg/L	0.002	mg/L	☐	1,1-Dichloroethylene	0.7 mg/L		mg/L
☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
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					☐	Trichloroethylene	0.5 mg/L		mg/L
					☐	Vinyl chloride	0.2 mg/L		mg/L
Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☐	Chlordane	0.03 mg/L		mg/L	☐	o-Cresol	200.0 mg/L		mg/L
☐	Endrin	0.02 mg/L		mg/L	☐	m-Cresol	200.0 mg/L		mg/L
☐	Heptachlor (and its epoxide)	0.008 mg/L		mg/L	☐	p-Cresol	200.0 mg/L		mg/L
☐	Lindane	0.4 mg/L		mg/L	☐	Cresol	200.0 mg/L		mg/L
☐	Methoxychlor	10.0 mg/L		mg/L	☐	1,4-Dichlorobenzene	7.5 mg/L		mg/L
☐	Toxaphene	0.5 mg/L		mg/L	☐	2,4-Dinitrotoluene	0.13 mg/L		mg/L
					☐	Hexachlorobenzene	0.13 mg/L		mg/L
					☐	Hexachlorobutadiene	0.5 mg/L		mg/L
					☐	Hexachloroethane	3.0 mg/L		mg/L
Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
☐	2,4,5-TP (Silvex)	1.0 mg/L		mg/L	☐	2,4,5-Trichlorophenol	400.0 mg/L		mg/L
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						(Hexavalent - VI) 210 mg/kg		mg/kg
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☒	Fluoride	4.0 mg/L	40.0 mg/L	3.23	mg/L	4,700 mg/kg	9.48	mg/kg
☒	Lead	0.015 mg/L	0.15 mg/L	0.02	mg/L	400 mg/kg	19.9	mg/kg
☒	Lithium					160 mg/kg	7.35	mg/kg
☒	Manganese					10,000 mg/kg	153	mg/kg
☒	Mercury	0.002 mg/L	0.02 mg/L	0.002	mg/L	23 mg/kg	0.0231	mg/kg
☒	Molybdenum					390 mg/kg	10.5	mg/kg
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☒	Selenium	0.05 mg/L	0.5 mg/L	0.1	mg/L	390 mg/kg	1.83	mg/kg
☒	Silver					370 mg/kg	.561	mg/kg
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Toxicity Characteristic Leaching Procedure (EPA Test Method 1311) - Regulatory Limits

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☒	Chromium	5.0 mg/L	0.02	mg/L	☐	Chloroform	6.0 mg/L		mg/L
☒	Lead	5.0 mg/L	0.1	mg/L	☐	1,2-Dichloroethane	0.5 mg/L		mg/L
☒	Mercury	0.2 mg/L	0.002	mg/L	☐	1,1-Dichloroethylene	0.7 mg/L		mg/L
☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
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					☐	Vinyl chloride	0.2 mg/L		mg/L
Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☐	Chlordane	0.03 mg/L		mg/L	☐	o-Cresol	200.0 mg/L		mg/L
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					☐	Hexachlorobenzene	0.13 mg/L		mg/L
					☐	Hexachlorobutadiene	0.5 mg/L		mg/L
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Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
☐	2,4,5-TP (Silvex)	1.0 mg/L		mg/L	☐	2,4,5-Trichlorophenol	400.0 mg/L		mg/L
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☒	Chromium	5.0 mg/L	0.02	mg/L	☐	Chloroform	6.0 mg/L		mg/L
☒	Lead	5.0 mg/L	0.1	mg/L	☐	1,2-Dichloroethane	0.5 mg/L		mg/L
☒	Mercury	0.2 mg/L	0.002	mg/L	☐	1,1-Dichloroethylene	0.7 mg/L		mg/L
☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
☒	Silver	5.0 mg/L	0.05	mg/L	☐	Tetrachloroethylene	0.7 mg/L		mg/L
					☐	Trichloroethylene	0.5 mg/L		mg/L
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Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☐	Chlordane	0.03 mg/L		mg/L	☐	o-Cresol	200.0 mg/L		mg/L
☐	Endrin	0.02 mg/L		mg/L	☐	m-Cresol	200.0 mg/L		mg/L
☐	Heptachlor (and its epoxide)	0.008 mg/L		mg/L	☐	p-Cresol	200.0 mg/L		mg/L
☐	Lindane	0.4 mg/L		mg/L	☐	Cresol	200.0 mg/L		mg/L
☐	Methoxychlor	10.0 mg/L		mg/L	☐	1,4-Dichlorobenzene	7.5 mg/L		mg/L
☐	Toxaphene	0.5 mg/L		mg/L	☐	2,4-Dinitrotoluene	0.13 mg/L		mg/L
					☐	Hexachlorobenzene	0.13 mg/L		mg/L
					☐	Hexachlorobutadiene	0.5 mg/L		mg/L
					☐	Hexachloroethane	3.0 mg/L		mg/L
Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
☐	2,4,5-TP (Silvex)	1.0 mg/L		mg/L	☐	2,4,5-Trichlorophenol	400.0 mg/L		mg/L
					☐	2,4,6-Trichlorophenol	2.0 mg/L		mg/L

*Required contaminant

BY-PRODUCT GENERATOR CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature: _____ **Date:** 2/25/26

Printed Name: Casey Kann **Title:** Plant Manager

Iowa Department of Natural Resources

Beneficial Use Determination: Solid By-Product Management Plan

Analytical Testing Report

Beneficial Use ID#: 07 -BUD- 20 - 02

DNR Certified Lab: Eurofins

Lab Report Date: 2/25/26

By-Product Generator: John Deere Foundry

City: Waterloo State: IA Zip: 50701

By-Product Name: 802

Send completed report form(s), laboratory analytics, and supplemental Solid By-Product Management Plan (SBMP) documentation to:

Iowa Department of Natural Resources
Land Quality Bureau
Solid Waste Section
502 E 9th St
Des Moines, IA 50319-0034

For questions concerning this report form please contact the DNR at (515) 201-8272.

ANALYTICAL TESTING RESULTS

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846).

Required		Synthetic Precipitation Leaching Procedure (EPA Test Method 1312)				Total Metals		
*	Contaminant	MCL	10 X MCL	Test Result		Regulatory Limit	Test Result	
☒	Antimony	0.006 mg/L	0.06 mg/L	0.04	mg/L	31 mg/kg	1.12	mg/kg
☒	Arsenic	0.010 mg/L	0.10 mg/L	0.04	mg/L	17 mg/kg	4.6	mg/kg
☒	Barium	2.0 mg/L	20.0 mg/L	0.2	mg/L	15,000 mg/kg	116	mg/kg
☒	Beryllium	0.004 mg/L	0.04 mg/L	0.02	mg/L	110 mg/kg	.651	mg/kg
☒	Boron					16,000 mg/kg	56.1	mg/kg
☒	Cadmium	0.005 mg/L	0.05 mg/L	0.01	mg/L	70 mg/kg	.561	mg/kg
☒	Chromium	0.1 mg/L	1.0 mg/L	0.1	mg/L	**(Total)	9.47	mg/kg
						(Hexavalent - VI) 210 mg/kg		mg/kg
						(Trivalent - III) 97,000 mg/kg		mg/kg
☒	Cobalt					23 mg/kg	2.4	mg/kg
☒	Copper	1.3 mg/L	13.0 mg/L	0.02	mg/L	15,000 mg/kg	55.5	mg/kg
☒	Fluoride	4.0 mg/L	40.0 mg/L	3.23	mg/L	4,700 mg/kg	9.48	mg/kg
☒	Lead	0.015 mg/L	0.15 mg/L	0.02	mg/L	400 mg/kg	19.9	mg/kg
☒	Lithium					160 mg/kg	7.35	mg/kg
☒	Manganese					10,000 mg/kg	153	mg/kg
☒	Mercury	0.002 mg/L	0.02 mg/L	0.002	mg/L	23 mg/kg	0.0231	mg/kg
☒	Molybdenum					390 mg/kg	10.5	mg/kg
☒	Nickel					1,500 mg/kg	9.9	mg/kg
☒	Selenium	0.05 mg/L	0.5 mg/L	0.1	mg/L	390 mg/kg	1.83	mg/kg
☒	Silver					370 mg/kg	.561	mg/kg
☒	Thallium	0.002 mg/L	0.02 mg/L	<0.02	mg/L	0.78 mg/kg	.561	mg/kg
☒	Vanadium					350 mg/kg	6.23	mg/kg
☒	Zinc					23,000 mg/kg	128	mg/kg

*Required contaminant

**If Total Chromiun ≥210 mg/kg, further analysis shall be conducted to determine hexavalent and trivalent results.

Toxicity Characteristic Leaching Procedure (EPA Test Method 1311) - Regulatory Limits

Metals					Volatile Organic Compounds				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☒	Arsenic	5.0 mg/L	0.1	mg/L	☐	Benzene	0.5 mg/L		mg/L
☒	Barium	100.0 mg/L	.226	mg/L	☐	Carbon tetrachloride	0.5 mg/L		mg/L
☒	Cadmium	1.0 mg/L	0.02	mg/L	☐	Chlorobenzene	100.0 mg/L		mg/L
☒	Chromium	5.0 mg/L	0.02	mg/L	☐	Chloroform	6.0 mg/L		mg/L
☒	Lead	5.0 mg/L	0.1	mg/L	☐	1,2-Dichloroethane	0.5 mg/L		mg/L
☒	Mercury	0.2 mg/L	0.002	mg/L	☐	1,1-Dichloroethylene	0.7 mg/L		mg/L
☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
☒	Silver	5.0 mg/L	0.05	mg/L	☐	Tetrachloroethylene	0.7 mg/L		mg/L
					☐	Trichloroethylene	0.5 mg/L		mg/L
					☐	Vinyl chloride	0.2 mg/L		mg/L
Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☐	Chlordane	0.03 mg/L		mg/L	☐	o-Cresol	200.0 mg/L		mg/L
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☐	Methoxychlor	10.0 mg/L		mg/L	☐	1,4-Dichlorobenzene	7.5 mg/L		mg/L
☐	Toxaphene	0.5 mg/L		mg/L	☐	2,4-Dinitrotoluene	0.13 mg/L		mg/L
					☐	Hexachlorobenzene	0.13 mg/L		mg/L
					☐	Hexachlorobutadiene	0.5 mg/L		mg/L
					☐	Hexachloroethane	3.0 mg/L		mg/L
Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
☐	2,4,5-TP (Silvex)	1.0 mg/L		mg/L	☐	2,4,5-Trichlorophenol	400.0 mg/L		mg/L
					☐	2,4,6-Trichlorophenol	2.0 mg/L		mg/L

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Printed Name: Casey Kann **Title:** Plant Manager

Iowa Department of Natural Resources

Beneficial Use Determination: Solid By-Product Management Plan

Analytical Testing Report

Beneficial Use ID#: 07 -BUD- 20 - 02

DNR Certified Lab: Eurofins

Lab Report Date: 2/25/26

By-Product Generator: John Deere Foundry

City: Waterloo State: IA Zip: 50701

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ANALYTICAL TESTING RESULTS

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846).

Required		Synthetic Precipitation Leaching Procedure (EPA Test Method 1312)				Total Metals		
*	Contaminant	MCL	10 X MCL	Test Result		Regulatory Limit	Test Result	
☒	Antimony	0.006 mg/L	0.06 mg/L	0.04	mg/L	31 mg/kg	1.12	mg/kg
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☒	Beryllium	0.004 mg/L	0.04 mg/L	0.02	mg/L	110 mg/kg	.651	mg/kg
☒	Boron					16,000 mg/kg	56.1	mg/kg
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☒	Chromium	0.1 mg/L	1.0 mg/L	0.1	mg/L	**(Total)	9.47	mg/kg
						(Hexavalent - VI) 210 mg/kg		mg/kg
						(Trivalent - III) 97,000 mg/kg		mg/kg
☒	Cobalt					23 mg/kg	2.4	mg/kg
☒	Copper	1.3 mg/L	13.0 mg/L	0.02	mg/L	15,000 mg/kg	55.5	mg/kg
☒	Fluoride	4.0 mg/L	40.0 mg/L	3.23	mg/L	4,700 mg/kg	9.48	mg/kg
☒	Lead	0.015 mg/L	0.15 mg/L	0.02	mg/L	400 mg/kg	19.9	mg/kg
☒	Lithium					160 mg/kg	7.35	mg/kg
☒	Manganese					10,000 mg/kg	153	mg/kg
☒	Mercury	0.002 mg/L	0.02 mg/L	0.002	mg/L	23 mg/kg	0.0231	mg/kg
☒	Molybdenum					390 mg/kg	10.5	mg/kg
☒	Nickel					1,500 mg/kg	9.9	mg/kg
☒	Selenium	0.05 mg/L	0.5 mg/L	0.1	mg/L	390 mg/kg	1.83	mg/kg
☒	Silver					370 mg/kg	.561	mg/kg
☒	Thallium	0.002 mg/L	0.02 mg/L	<0.02	mg/L	0.78 mg/kg	.561	mg/kg
☒	Vanadium					350 mg/kg	6.23	mg/kg
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**If Total Chromiun ≥210 mg/kg, further analysis shall be conducted to determine hexavalent and trivalent results.

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Metals					Volatile Organic Compounds				
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☒	Cadmium	1.0 mg/L	0.02	mg/L	☐	Chlorobenzene	100.0 mg/L		mg/L
☒	Chromium	5.0 mg/L	0.02	mg/L	☐	Chloroform	6.0 mg/L		mg/L
☒	Lead	5.0 mg/L	0.1	mg/L	☐	1,2-Dichloroethane	0.5 mg/L		mg/L
☒	Mercury	0.2 mg/L	0.002	mg/L	☐	1,1-Dichloroethylene	0.7 mg/L		mg/L
☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
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					☐	Trichloroethylene	0.5 mg/L		mg/L
					☐	Vinyl chloride	0.2 mg/L		mg/L
Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
☐	Chlordane	0.03 mg/L		mg/L	☐	o-Cresol	200.0 mg/L		mg/L
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Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
☐	2,4,5-TP (Silvex)	1.0 mg/L		mg/L	☐	2,4,5-Trichlorophenol	400.0 mg/L		mg/L
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Signature: _____ **Date:** 2/25/26

Printed Name: Casey Kann **Title:** Plant Manager

Iowa Department of Natural Resources

Beneficial Use Determination: Solid By-Product Management Plan

Analytical Testing Report

Beneficial Use ID#: 07 -BUD- 20 - 02

DNR Certified Lab: Eurofins

Lab Report Date: 2/25/26

By-Product Generator: John Deere Foundry

City: Waterloo State: IA Zip: 50701

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Required		Synthetic Precipitation Leaching Procedure (EPA Test Method 1312)				Total Metals		
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☒	Molybdenum					390 mg/kg	10.5	mg/kg
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☒	Selenium	1.0 mg/L	0.1	mg/L	☐	Methyl ethyl ketone	200.0 mg/L		mg/L
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					☐	Vinyl chloride	0.2 mg/L		mg/L
Pesticides					**Semi-Volatile Organic Compounds**				
*	Contaminant	Regulatory Limit	Test Result		*	Contaminant	Regulatory Limit	Test Result	
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☐	Endrin	0.02 mg/L		mg/L	☐	m-Cresol	200.0 mg/L		mg/L
☐	Heptachlor (and its epoxide)	0.008 mg/L		mg/L	☐	p-Cresol	200.0 mg/L		mg/L
☐	Lindane	0.4 mg/L		mg/L	☐	Cresol	200.0 mg/L		mg/L
☐	Methoxychlor	10.0 mg/L		mg/L	☐	1,4-Dichlorobenzene	7.5 mg/L		mg/L
☐	Toxaphene	0.5 mg/L		mg/L	☐	2,4-Dinitrotoluene	0.13 mg/L		mg/L
					☐	Hexachlorobenzene	0.13 mg/L		mg/L
					☐	Hexachlorobutadiene	0.5 mg/L		mg/L
					☐	Hexachloroethane	3.0 mg/L		mg/L
Herbicides					☐	Nitrobenzene	2.0 mg/L		mg/L
*	Contaminant	Regulatory Limit	Test Result		☐	Pentachlorophenol	100.0 mg/L		mg/L
☐	2,4-D	10.0 mg/L		mg/L	☐	Pyridine	5.0 mg/L		mg/L
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Signature: _____ **Date:** 2/25/26

Printed Name: Casey Kann **Title:** Plant Manager

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Christina Konicek
John Deere & Co
2000 Westfield Ave
Waterloo, Iowa 50704

Generated 2/25/2026 7:46:05 PM Revision 3

JOB DESCRIPTION

BUD Testing

JOB NUMBER

310-324895-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated
2/25/2026 7:46:05 PM
Revision 3

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

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Job Narrative
310-324895-1

REVISION
The report being provided is a revision of the original report sent on 2/17/2026. The report (revision 1) is being updated to show results calculated to the RL.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 1/30/2026 3:42 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 20.4°C.

Receipt Exceptions
The following sample was received at the laboratory outside the required temperature criteria: 850 Cleaning Room (310-324895-1). There was no cooling media present in the cooler.

Metals
Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent. 850 Cleaning Room (310-324895-1). Elevated reporting limits (RLs) are provided.

Method 6020B: The method blank for preparation batch 310-479745 and analytical batch 310-479844 contained molybdenum above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

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

Sample Summary

Client: John Deere & Co
Project/Site: BUD Testing

Job ID: 310-324895-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-324895-1	850 Cleaning Room	Solid	01/29/26 12:00	01/30/26 15:42	Iowa

Client Sample ID: 850 Cleaning Room
Date Collected: 01/29/26 12:00
Date Received: 01/30/26 15:42

Lab Sample ID: 310-324895-1
Matrix: Solid

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:46	2
Barium	<0.400		0.400		mg/L		02/04/26 09:00	02/05/26 13:46	2
Cadmium	<0.0400		0.0400		mg/L		02/04/26 09:00	02/05/26 13:46	2
Chromium	<0.0400		0.0400		mg/L		02/04/26 09:00	02/05/26 13:46	2
Lead	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:46	2
Selenium	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:46	2
Silver	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:46	2

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:18	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:18	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:18	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:18	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 13:18	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:18	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:18	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:18	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:18	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:18	4

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:40	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	<0.997		0.997	0.387	mg/Kg		02/16/26 09:08	02/17/26 10:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (SW846 7196A)	**360**		1.00	1.00	mg/Kg			02/16/26 11:55	1
Percent Moisture (EPA Moisture)	**0.3**		0.1	0.1	%			02/02/26 06:25	1
Percent Solids (EPA Moisture)	**99.7**		0.1	0.1	%			02/02/26 06:25	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**12.0**	**F1**	0.996	0.488	mg/Kg			02/04/26 17:38	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.1**	**HF**	1.0	1.0	SU			02/03/26 13:46	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**0.828**		0.200	0.0790	mg/L			02/04/26 18:41	1

Client Sample Results

Client: John Deere & Co
Project/Site: BUD Testing

Job ID: 310-324895-1

Client Sample ID: 850 Cleaning Room

Date Collected: 01/29/26 12:00
Date Received: 01/30/26 15:42

Lab Sample ID: 310-324895-1

Matrix: Solid
Percent Solids: 99.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.50**		1.93		mg/Kg	☼	02/02/26 08:38	02/04/26 13:49	10
Arsenic	**5.46**		0.963		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Barium	**22.4**		0.963		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Beryllium	<0.481		0.481		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Boron	<48.1		48.1		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Cadmium	<0.481		0.481		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Chromium	**360**		2.89		mg/Kg	☼	02/02/26 08:38	02/03/26 13:41	10
Cobalt	**12.8**		0.481		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Copper	**693**		2.89		mg/Kg	☼	02/02/26 08:38	02/03/26 13:41	10
Lead	**4.12**		2.41		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Lithium	<2.41		2.41		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Manganese	**1390**		2.41		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Molybdenum	**62.4**		0.963		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Nickel	**131**		1.44		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Selenium	<1.44		1.44		mg/Kg	☼	02/02/26 08:38	02/02/26 16:40	5
Silver	<0.963		0.963		mg/Kg	☼	02/02/26 08:38	02/03/26 13:41	10
Thallium	<0.481		0.481		mg/Kg	☼	02/02/26 08:38	02/25/26 12:50	5
Vanadium	**18.9**		2.89		mg/Kg	☼	02/02/26 08:38	02/03/26 13:41	10
Zinc	**52.3**		9.63		mg/Kg	☼	02/02/26 08:38	02/04/26 13:49	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0196		0.0196		mg/Kg	☼	02/02/26 13:45	02/03/26 10:08	1

Lab Chronicle

Client: John Deere & Co
Project/Site: BUD Testing

Job ID: 310-324895-1

Client Sample ID: 850 Cleaning Room

Lab Sample ID: 310-324895-1

Date Collected: 01/29/26 12:00

Matrix: Solid

Date Received: 01/30/26 15:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479974	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		2	480163	ZRI4	EET CF	02/05/26 13:46
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 13:18
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 12:11
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479872	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:40
Total/NA	Analysis	7196A		1	480984	HE7K	EET CF	02/16/26 11:55
Total/NA	Prep	3060A			853609	AM	EET CHI	02/16/26 09:08 - 02/16/26 10:38 [1]
Total/NA	Analysis	7196A		1	853862	AM	EET CHI	02/17/26 10:14
Soluble	Leach	DI Leach			479914	T5AC	EET CF	02/03/26 12:20
Soluble	Analysis	9045D		1	479923	T5AC	EET CF	02/03/26 13:46
Soluble	Leach	DI Leach			480005	WZC8	EET CF	02/04/26 09:36
Soluble	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 17:38
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:41
Total/NA	Analysis	Moisture		1	479738	W9YR	EET CF	02/02/26 06:25

Client Sample ID: 850 Cleaning Room

Lab Sample ID: 310-324895-1

Date Collected: 01/29/26 12:00

Matrix: Solid

Date Received: 01/30/26 15:42

Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		10	479978	NFT2	EET CF	02/03/26 13:41
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	481791	NFT2	EET CF	02/25/26 12:50
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:40
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		10	480088	NFT2	EET CF	02/04/26 13:49
Total/NA	Prep	7471B			479773	RLT9	EET CF	02/02/26 13:45
Total/NA	Analysis	7471B		1	479912	RLT9	EET CF	02/03/26 10:08

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Definitions/Glossary

Client: John Deere & Co
Project/Site: BUD Testing

Job ID: 310-324895-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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

Accreditation/Certification Summary

Client: John Deere & Co
Project/Site: BUD Testing

Job ID: 310-324895-1

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6020B	3050B	Solid	Lithium
7196A		Solid	Chromium, trivalent
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Method Summary

Client: John Deere & Co
Project/Site: BUD Testing

Job ID: 310-324895-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
7471B	Mercury (CVAA)	SW846	EET CF
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET CF
7196A	Chromium, Hexavalent	SW846	EET CHI
9045D	pH	SW846	EET CF
9214	Potentiometric Determination of Fluoride-Aqueous Smps w/Ion-Selective Electrode	SW846	EET CF
Moisture	Percent Moisture	EPA	EET CF
1311	TCLP Extraction	SW846	EET CF
1312	SPLP Extraction	SW846	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CF
3050B	Preparation, Metals	SW846	EET CF
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CF
7471B	Preparation, Mercury	SW846	EET CF
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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310-324895 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: John Deere

City/State: Waterloo | STATE: IA | Project:

Receipt Information

Date/Time Received: DATE: 1/30/26 | TIME: 1542 | Received By: JL

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☑ Client Drop-off ☐ Other._____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☐ Yes ☑ No *If yes:* Cooler ID

Multiple Coolers? ☐ Yes ☑ No *If yes:* Cooler # _____ of _____

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☑ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant. ☐ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other._____ ☑ NONE

Thermometer ID: | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 4 | Corrected Temp (°C):

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used.	1L Clear Glass	
Uncorrected Temp (°C):	20.4	
Corrected Temp (°C):	20.4	

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

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Client Information	Sampler	Lab PM: Calhoun, Conner M	Carrier Tracking No(s):	COC No: 310-82053-22890 1
Client Contact: Christina Konicek	Phone:	E-Mail: Conner Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company:	PWSID:			Job #:

Address: 2000 Westfield Ave	Due Date Requested:
City: Waterloo	TAT Requested (days):
State, Zip: IA, 50704	Compliance Project: Δ Yes Δ No
Phone:	PO #: 4514173494
Email: KonicekChristina@JohnDeere.com	WO #:
Project Name: BUD Testing	Project #:
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCLP 6010, 7470A	SPLP 6020B, 7471B, 9056A_ORGFM_28D	Total 6020 metals and 7470 Hg	9056A_ORGFM_28D- Fluoride	PH	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N						
850 Cleaning Room	1-29-26	12PM	Grab	Solid			X	X	X	X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Custody Seals Intact: Δ Yes Δ No	Date/Time:	Company	Received by:	Date/Time: 1/30/26 1542	Company
Relinquished by: Christina Konicek	1/30/2026 15:35	Company John Deere	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-91148.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-324895-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 2/17/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: BUD Testing	Project #: 31016786			
Site: N/A	SSOW#: N/A			

310-324895 COC

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7196A/3060A	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
850 Cleaning Room (310-324895-1)	1/29/26	12:00 Central	G	Solid			X	1	

Analysis Requested

Preservation Codes:

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I II III IV Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		2926 1550			2/10/26 0930	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: -0.9 → -0.7

Login Sample Receipt Checklist

Client: John Deere & Co

Job Number: 310-324895-1

Login Number: 324895
List Number: 1
Creator: Hirsch, Preston

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: John Deere & Co

Job Number: 310-324895-1

Login Number: 324895
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 02/10/26 11:58 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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	-0.7 sample not frozen
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christina Konicek
John Deere & Co
2000 Westfield Ave
Waterloo, Iowa 50704

Generated 2/25/2026 7:40:16 PM Revision 3

JOB DESCRIPTION

JD Foundry - BUD Testing

JOB NUMBER

310-324821-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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Revision 3

Authorized for release by
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Job Narrative
310-324821-1

REVISION
The report being provided is a revision of the original report sent on 2/18/2026. The report (revision 1) is being updated to show results calculated to the RL.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/29/2026 4:30 PM. 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 time was 21.3°C.

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: East Pelletizer (310-324821-1), West Pelletizer (310-324821-2), Refractory Brick (310-324821-3), 802 (310-324821-4), 804 (310-324821-5) and 871 (310-324821-6). There was no cooling media present in the cooler.

Metals
Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent. East Pelletizer (310-324821-1) and 871 (310-324821-6). Elevated reporting limits (RLs) are provided.

Method 6020B: The method blank for preparation batch 310-479745 and analytical batch 310-479844 contained zinc above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6020B: The method blank for preparation batch 310-479745 and analytical batch 310-479844 contained molybdenum above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

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

Sample Summary

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-324821-1	East Pelletizer	Solid	01/29/26 15:00	01/29/26 16:30	Iowa
310-324821-2	West Pelletizer	Solid	01/29/26 15:00	01/29/26 16:30	Iowa
310-324821-3	Refractory Brick	Solid	01/28/26 12:00	01/29/26 16:30	Iowa
310-324821-4	802	Solid	01/28/26 12:00	01/29/26 16:30	Iowa
310-324821-5	804	Solid	01/28/26 23:30	01/29/26 16:30	Iowa
310-324821-6	871	Solid	01/28/26 12:00	01/29/26 16:30	Iowa

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: East Pelletizer

Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-1

Matrix: Solid

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.400		0.400		mg/L		02/04/26 09:00	02/05/26 14:27	4
Barium	<0.800		0.800		mg/L		02/04/26 09:00	02/05/26 14:27	4
Cadmium	<0.0800		0.0800		mg/L		02/04/26 09:00	02/05/26 14:27	4
Chromium	<0.0800		0.0800		mg/L		02/04/26 09:00	02/05/26 14:27	4
Lead	<0.400		0.400		mg/L		02/04/26 09:00	02/05/26 14:27	4
Selenium	<0.400		0.400		mg/L		02/04/26 09:00	02/05/26 14:27	4
Silver	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 14:27	4

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 12:55	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 12:55	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 12:55	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 12:55	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 12:55	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 12:55	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 12:55	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 12:55	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 12:55	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 12:55	4

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:47	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	<0.994		0.994	0.386	mg/Kg		02/16/26 09:08	02/17/26 10:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (SW846 7196A)	**263**		1.00	1.00	mg/Kg			02/16/26 11:55	1
Percent Moisture (EPA Moisture)	**1.3**		0.1	0.1	%			01/30/26 05:44	1
Percent Solids (EPA Moisture)	**98.7**		0.1	0.1	%			01/30/26 05:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**18.9**		0.989		mg/Kg			01/30/26 22:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.9**	**HF**	1.0	1.0	SU			01/30/26 22:10	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**4.28**		0.200		mg/L			02/04/26 18:15	1

Client Sample ID: East Pelletizer

Lab Sample ID: 310-324821-1

Date Collected: 01/29/26 15:00
Matrix: Solid
Date Received: 01/29/26 16:30
Percent Solids: 98.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.979		0.979		mg/Kg	☼	02/02/26 08:38	02/04/26 13:21	5
Arsenic	**6.19**		0.979		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Barium	**122**		0.979		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Beryllium	**0.596**		0.489		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Boron	<48.9		48.9		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Cadmium	<0.489		0.489		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Chromium	**263**		1.47		mg/Kg	☼	02/02/26 08:38	02/03/26 13:05	5
Cobalt	**8.80**		0.489		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Copper	**365**		1.47		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Lead	**23.3**		2.45		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Lithium	**13.9**		2.45		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Manganese	**1470**		2.45		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Molybdenum	**64.7**		0.979		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Nickel	**111**		1.47		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Selenium	<1.47		1.47		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5
Silver	<0.489		0.489		mg/Kg	☼	02/02/26 08:38	02/03/26 13:05	5
Thallium	<0.489		0.489		mg/Kg	☼	02/02/26 08:38	02/03/26 13:05	5
Vanadium	**14.6**		1.47		mg/Kg	☼	02/02/26 08:38	02/03/26 13:05	5
Zinc	**166**	**B**	4.89		mg/Kg	☼	02/02/26 08:38	02/02/26 16:02	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0436**		0.0175		mg/Kg	☼	01/30/26 11:45	02/02/26 11:56	1

Client Sample ID: West Pelletizer

Lab Sample ID: 310-324821-2

Date Collected: 01/29/26 15:00
Matrix: Solid
Date Received: 01/29/26 16:30

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:18	1
Barium	**0.250**		0.200		mg/L		02/04/26 09:00	02/05/26 13:18	1
Cadmium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:18	1
Chromium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:18	1
Lead	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:18	1
Selenium	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:18	1
Silver	<0.0500		0.0500		mg/L		02/04/26 09:00	02/05/26 13:18	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 12:58	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 12:58	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 12:58	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 12:58	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 12:58	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 12:58	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 12:58	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 12:58	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 12:58	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 12:58	4

Client Sample ID: West Pelletizer

Lab Sample ID: 310-324821-2

Date Collected: 01/29/26 15:00
Matrix: Solid
Date Received: 01/29/26 16:30

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:21	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.4		0.1	0.1	%			01/30/26 05:44	1
Percent Solids (EPA Moisture)	94.6		0.1	0.1	%			01/30/26 05:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	11.3		0.961		mg/Kg			01/30/26 23:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.1	HF	1.0	1.0	SU			01/30/26 22:11	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	5.45		0.200		mg/L			02/04/26 18:19	1

Client Sample ID: West Pelletizer

Lab Sample ID: 310-324821-2

Date Collected: 01/29/26 15:00
Matrix: Solid
Date Received: 01/29/26 16:30
Percent Solids: 94.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.921		0.921	0.414	mg/Kg	☼	02/02/26 08:38	02/04/26 13:24	5
Arsenic	5.32		0.921	0.387	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Barium	154		0.921	0.423	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Beryllium	0.841		0.460	0.184	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Boron	<46.0		46.0	39.6	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Cadmium	0.253	J	0.460	0.175	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Chromium	14.8		1.38	0.479	mg/Kg	☼	02/02/26 08:38	02/03/26 13:08	5
Cobalt	3.95		0.460	0.166	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Copper	74.7		1.38	0.736	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Lead	28.8		2.30	0.718	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Lithium	9.18		2.30	0.911	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Manganese	232		2.30	1.10	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Molybdenum	18.0	B	0.921	0.377	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Nickel	19.6		1.38	0.552	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Selenium	2.24		1.38	0.690	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5
Silver	0.175	J	0.460	0.175	mg/Kg	☼	02/02/26 08:38	02/03/26 13:08	5
Thallium	<0.460		0.460	0.175	mg/Kg	☼	02/02/26 08:38	02/03/26 13:08	5
Vanadium	7.17		1.38	0.488	mg/Kg	☼	02/02/26 08:38	02/03/26 13:08	5
Zinc	299	B	4.60	3.04	mg/Kg	☼	02/02/26 08:38	02/02/26 16:04	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0288		0.0206		mg/Kg	☼	01/30/26 11:45	02/02/26 11:58	1

Client Sample ID: Refractory Brick

Lab Sample ID: 310-324821-3
Date Collected: 01/28/26 12:00
Matrix: Solid
Date Received: 01/29/26 16:30

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:20	1
Barium	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:20	1
Cadmium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:20	1
Chromium	**0.0268**		0.0200		mg/L		02/04/26 09:00	02/05/26 13:20	1
Lead	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:20	1
Selenium	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:20	1
Silver	<0.0500		0.0500		mg/L		02/04/26 09:00	02/05/26 13:20	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:01	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:01	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:01	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:01	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 13:01	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:01	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:01	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:01	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:01	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:01	4

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:23	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**0.05**		0.1	0.1	%			01/30/26 05:44	1
Percent Solids (EPA Moisture)	**100**		0.1	0.1	%			01/30/26 05:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	<0.852		0.852		mg/Kg			01/30/26 23:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.7**	**HF**	1.0	1.0	SU			01/30/26 22:12	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	<0.200		0.200		mg/L			02/04/26 18:26	1

Client Sample ID: Refractory Brick

Lab Sample ID: 310-324821-3
Date Collected: 01/28/26 12:00
Matrix: Solid
Date Received: 01/29/26 16:30
Percent Solids: 100.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.765**	**J**	0.901	0.406	mg/Kg	☼	02/02/26 08:38	02/04/26 13:35	5

Client Sample ID: Refractory Brick

Lab Sample ID: 310-324821-3

Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Matrix: Solid
Percent Solids: 100.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.15**		0.901	0.379	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Barium	**9.57**		0.901	0.415	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Beryllium	<0.451		0.451	0.180	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Boron	<45.1		45.1	38.8	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Cadmium	<0.451		0.451	0.171	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Chromium	**99.4**		1.35	0.469	mg/Kg	☼	02/02/26 08:38	02/03/26 13:10	5
Cobalt	**3.18**		0.451	0.162	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Copper	**472**		1.35	0.721	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Lead	**0.900**	**J**	2.25	0.703	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Lithium	**1.52**	**J**	2.25	0.892	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Manganese	**832**		2.25	1.08	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Molybdenum	**9.78**	**B**	0.901	0.370	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Nickel	**22.0**		1.35	0.541	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Selenium	<1.35		1.35	0.676	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5
Silver	<0.451		0.451	0.171	mg/Kg	☼	02/02/26 08:38	02/03/26 13:10	5
Thallium	<0.451		0.451	0.171	mg/Kg	☼	02/02/26 08:38	02/03/26 13:10	5
Vanadium	**3.95**		1.35	0.478	mg/Kg	☼	02/02/26 08:38	02/03/26 13:10	5
Zinc	**66.1**	**B**	4.51	2.97	mg/Kg	☼	02/02/26 08:38	02/02/26 16:07	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0189		0.0189		mg/Kg	☼	01/30/26 11:45	02/02/26 12:00	1

Client Sample ID: 802

Lab Sample ID: 310-324821-4

Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Matrix: Solid

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:21	1
Barium	**0.226**		0.200		mg/L		02/04/26 09:00	02/05/26 13:21	1
Cadmium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:21	1
Chromium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:21	1
Lead	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:21	1
Selenium	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:21	1
Silver	<0.0500		0.0500		mg/L		02/04/26 09:00	02/05/26 13:21	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:04	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:04	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:04	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:04	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 13:04	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:04	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:04	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:04	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:04	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:04	4

Client Sample ID: 802

Lab Sample ID: 310-324821-4

Date Collected: 01/28/26 12:00

Matrix: Solid

Date Received: 01/29/26 16:30

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:25	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.1		0.1	0.1	%			01/30/26 05:44	1
Percent Solids (EPA Moisture)	82.9		0.1	0.1	%			01/30/26 05:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	9.48		0.990		mg/Kg			01/30/26 23:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.8	HF	1.0	1.0	SU			01/30/26 22:13	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	3.23		0.200		mg/L			02/04/26 18:29	1

Client Sample ID: 802

Lab Sample ID: 310-324821-4

Date Collected: 01/28/26 12:00

Matrix: Solid

Date Received: 01/29/26 16:30

Percent Solids: 82.9

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.12		1.12	0.505	mg/Kg	☼	02/02/26 08:38	02/04/26 13:38	5
Arsenic	4.60		1.12	0.471	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Barium	116		1.12	0.516	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Beryllium	0.651		0.561	0.224	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Boron	<56.1		56.1	48.2	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Cadmium	<0.561		0.561	0.213	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Chromium	9.47		1.68	0.583	mg/Kg	☼	02/02/26 08:38	02/03/26 13:13	5
Cobalt	2.40		0.561	0.202	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Copper	55.5		1.68	0.897	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Lead	19.9		2.80	0.875	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Lithium	7.35		2.80	1.11	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Manganese	153		2.80	1.35	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Molybdenum	10.5	B	1.12	0.460	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Nickel	9.90		1.68	0.673	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Selenium	1.83		1.68	0.841	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5
Silver	<0.561		0.561	0.213	mg/Kg	☼	02/02/26 08:38	02/03/26 13:13	5
Thallium	<0.561		0.561	0.213	mg/Kg	☼	02/02/26 08:38	02/03/26 13:13	5
Vanadium	6.23		1.68	0.595	mg/Kg	☼	02/02/26 08:38	02/03/26 13:13	5
Zinc	128	B	5.61	3.70	mg/Kg	☼	02/02/26 08:38	02/02/26 16:10	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0231		0.0231		mg/Kg	☼	01/30/26 11:45	02/02/26 12:02	1

Client Sample ID: 804

Lab Sample ID: 310-324821-5

Date Collected: 01/28/26 23:30

Matrix: Solid

Date Received: 01/29/26 16:30

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:23	1
Barium	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:23	1
Cadmium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:23	1
Chromium	<0.0200		0.0200		mg/L		02/04/26 09:00	02/05/26 13:23	1
Lead	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:23	1
Selenium	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:23	1
Silver	<0.0500		0.0500		mg/L		02/04/26 09:00	02/05/26 13:23	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:07	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:07	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:07	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:07	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 13:07	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:07	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:07	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:07	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:07	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:07	4

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:32	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		0.1	0.1	%			01/30/26 05:44	1
Percent Solids (EPA Moisture)	**89.5**		0.1	0.1	%			01/30/26 05:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**5.59**		0.950		mg/Kg			01/30/26 23:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**	1.0	1.0	SU			01/30/26 22:16	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**4.69**		0.200		mg/L			02/04/26 18:33	1

Client Sample ID: 804

Lab Sample ID: 310-324821-5

Date Collected: 01/28/26 23:30

Matrix: Solid

Date Received: 01/29/26 16:30

Percent Solids: 89.5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.03		1.03	0.466	mg/Kg	☼	02/02/26 08:38	02/04/26 13:43	5

Client Sample ID: 804

Date Collected: 01/28/26 23:30
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-5
Matrix: Solid
Percent Solids: 89.5

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.16		1.03	0.435	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Barium	155		1.03	0.476	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Beryllium	0.819		0.517	0.207	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Boron	<51.7		51.7	44.5	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Cadmium	0.197	J	0.517	0.197	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Chromium	13.8		1.55	0.538	mg/Kg	☼	02/02/26 08:38	02/03/26 13:18	5
Cobalt	3.06		0.517	0.186	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Copper	65.6		1.55	0.828	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Lead	24.2		2.59	0.807	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Lithium	9.70		2.59	1.02	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Manganese	169		2.59	1.24	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Molybdenum	7.21	B	1.03	0.424	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Nickel	13.2		1.55	0.621	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Selenium	2.12		1.55	0.776	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5
Silver	<0.517		0.517	0.197	mg/Kg	☼	02/02/26 08:38	02/03/26 13:18	5
Thallium	<0.517		0.517	0.197	mg/Kg	☼	02/02/26 08:38	02/03/26 13:18	5
Vanadium	7.18		1.55	0.549	mg/Kg	☼	02/02/26 08:38	02/03/26 13:18	5
Zinc	164	B	5.17	3.42	mg/Kg	☼	02/02/26 08:38	02/02/26 16:15	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0218		0.0218		mg/Kg	☼	01/30/26 11:45	02/02/26 12:04	1

Client Sample ID: 871

Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-6
Matrix: Solid

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:45	2
Barium	<0.400		0.400		mg/L		02/04/26 09:00	02/05/26 13:45	2
Cadmium	<0.0400		0.0400		mg/L		02/04/26 09:00	02/05/26 13:45	2
Chromium	<0.0400		0.0400		mg/L		02/04/26 09:00	02/05/26 13:45	2
Lead	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:45	2
Selenium	<0.200		0.200		mg/L		02/04/26 09:00	02/05/26 13:45	2
Silver	<0.100		0.100		mg/L		02/04/26 09:00	02/05/26 13:45	2

Method: SW846 6020B - Metals (ICP/MS) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:10	4
Arsenic	<0.0400		0.0400		mg/L		02/06/26 08:30	02/09/26 13:10	4
Barium	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:10	4
Beryllium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:10	4
Cadmium	<0.0100		0.0100		mg/L		02/06/26 08:30	02/09/26 13:10	4
Chromium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:10	4
Copper	<0.200		0.200		mg/L		02/06/26 08:30	02/09/26 13:10	4
Lead	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:10	4
Selenium	<0.100		0.100		mg/L		02/06/26 08:30	02/09/26 13:10	4
Thallium	<0.0200		0.0200		mg/L		02/06/26 08:30	02/09/26 13:10	4

Client Sample ID: 871
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-6
Matrix: Solid

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/03/26 11:50	02/04/26 11:36	1

Method: SW846 7470A - Mercury (CVAA) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		02/06/26 11:30	02/09/26 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	<1.00		1.00	0.388	mg/Kg		02/16/26 09:08	02/17/26 10:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (SW846 7196A)	**925**		1.00	1.00	mg/Kg			02/16/26 11:55	1
Percent Moisture (EPA Moisture)	**0.3**		0.1	0.1	%			01/30/26 05:44	1
Percent Solids (EPA Moisture)	**99.7**		0.1	0.1	%			01/30/26 05:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**4.79**		0.994		mg/Kg			01/30/26 23:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.2**	**HF**	1.0	1.0	SU			01/30/26 22:17	1

General Chemistry - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride (SW846 9214)	**0.966**		0.200		mg/L			02/04/26 18:37	1

Client Sample ID: 871
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-6
Matrix: Solid
Percent Solids: 99.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**3.71**		3.41		mg/Kg	☼	02/02/26 08:38	02/04/26 13:46	20
Arsenic	**18.7**		3.41		mg/Kg	☼	02/02/26 08:38	02/03/26 13:20	20
Barium	**25.3**		0.852		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Beryllium	<0.426		0.426		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Boron	<42.6		42.6		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Cadmium	<0.426		0.426		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Chromium	**925**		5.11		mg/Kg	☼	02/02/26 08:38	02/03/26 13:20	20
Cobalt	**22.0**		0.426		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Copper	**1210**		5.11		mg/Kg	☼	02/02/26 08:38	02/03/26 13:20	20
Lead	<2.13		2.13		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Lithium	<2.13		2.13		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Manganese	**4340**		8.52		mg/Kg	☼	02/02/26 08:38	02/03/26 13:20	20
Molybdenum	**130**		0.852		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Nickel	**270**		1.28		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Selenium	<1.28		1.28		mg/Kg	☼	02/02/26 08:38	02/02/26 16:18	5
Silver	<1.70		1.70		mg/Kg	☼	02/02/26 08:38	02/03/26 13:20	20
Thallium	<0.426		0.426		mg/Kg	☼	02/02/26 08:38	02/25/26 12:48	5
Vanadium	**44.9**		5.11		mg/Kg	☼	02/02/26 08:38	02/03/26 13:20	20
Zinc	**58.5**		17.0		mg/Kg	☼	02/02/26 08:38	02/04/26 13:46	20

Client Sample Results

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: 871
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-6
Matrix: Solid
Percent Solids: 99.7

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0197		0.0197		mg/Kg	☼	01/30/26 11:45	02/02/26 12:07	1

Lab Chronicle

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: East Pelletizer
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479822	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479973	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		4	480163	ZRI4	EET CF	02/05/26 14:27
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 12:55
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 11:54
TCLP	Leach	1311			479822	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479873	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:47
Total/NA	Analysis	7196A		1	480984	HE7K	EET CF	02/16/26 11:55
Total/NA	Prep	3060A			853609	AM	EET CHI	02/16/26 09:08 - 02/16/26 10:38 [1]
Total/NA	Analysis	7196A		1	853862	AM	EET CHI	02/17/26 10:13
Soluble	Leach	DI Leach			479723	T5AC	EET CF	01/30/26 19:31
Soluble	Analysis	9045D		1	479725	T5AC	EET CF	01/30/26 22:10
Soluble	Leach	DI Leach			479724	T5AC	EET CF	01/30/26 20:24
Soluble	Analysis	9214		1	479729	T5AC	EET CF	01/30/26 22:54
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:15
Total/NA	Analysis	Moisture		1	479652	W9YR	EET CF	01/30/26 05:44

Client Sample ID: East Pelletizer
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-1
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479978	NFT2	EET CF	02/03/26 13:05
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:02
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	480088	NFT2	EET CF	02/04/26 13:21
Total/NA	Prep	7471B			479664	RLT9	EET CF	01/30/26 11:45
Total/NA	Analysis	7471B		1	479815	RLT9	EET CF	02/02/26 11:56

Client Sample ID: West Pelletizer
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479974	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		1	480163	ZRI4	EET CF	02/05/26 13:18

Lab Chronicle

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: West Pelletizer
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 12:58
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 11:56
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479872	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:21
Soluble	Leach	DI Leach			479723	T5AC	EET CF	01/30/26 19:31
Soluble	Analysis	9045D		1	479725	T5AC	EET CF	01/30/26 22:11
Soluble	Leach	DI Leach			479724	T5AC	EET CF	01/30/26 20:24
Soluble	Analysis	9214		1	479729	T5AC	EET CF	01/30/26 23:00
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:19
Total/NA	Analysis	Moisture		1	479652	W9YR	EET CF	01/30/26 05:44

Client Sample ID: West Pelletizer
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-2
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479978	NFT2	EET CF	02/03/26 13:08
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:04
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	480088	NFT2	EET CF	02/04/26 13:24
Total/NA	Prep	7471B			479664	RLT9	EET CF	01/30/26 11:45
Total/NA	Analysis	7471B		1	479815	RLT9	EET CF	02/02/26 11:58

Client Sample ID: Refractory Brick
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479974	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		1	480163	ZRI4	EET CF	02/05/26 13:20
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 13:01
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 12:02

Lab Chronicle

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: Refractory Brick
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479872	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:23
Soluble	Leach	DI Leach			479723	T5AC	EET CF	01/30/26 19:31
Soluble	Analysis	9045D		1	479725	T5AC	EET CF	01/30/26 22:12
Soluble	Leach	DI Leach			479724	T5AC	EET CF	01/30/26 20:24
Soluble	Analysis	9214		1	479729	T5AC	EET CF	01/30/26 23:13
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:26
Total/NA	Analysis	Moisture		1	479652	W9YR	EET CF	01/30/26 05:44

Client Sample ID: Refractory Brick
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-3
Matrix: Solid
Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479978	NFT2	EET CF	02/03/26 13:10
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:07
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	480088	NFT2	EET CF	02/04/26 13:35
Total/NA	Prep	7471B			479664	RLT9	EET CF	01/30/26 11:45
Total/NA	Analysis	7471B		1	479815	RLT9	EET CF	02/02/26 12:00

Client Sample ID: 802
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479974	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		1	480163	ZRI4	EET CF	02/05/26 13:21
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 13:04
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 12:05
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479872	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:25
Soluble	Leach	DI Leach			479723	T5AC	EET CF	01/30/26 19:31
Soluble	Analysis	9045D		1	479725	T5AC	EET CF	01/30/26 22:13

Lab Chronicle

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: 802
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			479724	T5AC	EET CF	01/30/26 20:24
Soluble	Analysis	9214		1	479729	T5AC	EET CF	01/30/26 23:15
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:29
Total/NA	Analysis	Moisture		1	479652	W9YR	EET CF	01/30/26 05:44

Client Sample ID: 802
Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-4
Matrix: Solid
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479978	NFT2	EET CF	02/03/26 13:13
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:10
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	480088	NFT2	EET CF	02/04/26 13:38
Total/NA	Prep	7471B			479664	RLT9	EET CF	01/30/26 11:45
Total/NA	Analysis	7471B		1	479815	RLT9	EET CF	02/02/26 12:02

Client Sample ID: 804
Date Collected: 01/28/26 23:30
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479974	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		1	480163	ZRI4	EET CF	02/05/26 13:23
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 13:07
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 12:07
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479872	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:32
Soluble	Leach	DI Leach			479723	T5AC	EET CF	01/30/26 19:31
Soluble	Analysis	9045D		1	479725	T5AC	EET CF	01/30/26 22:16
Soluble	Leach	DI Leach			479724	T5AC	EET CF	01/30/26 20:24
Soluble	Analysis	9214		1	479729	T5AC	EET CF	01/30/26 23:22
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:33
Total/NA	Analysis	Moisture		1	479652	W9YR	EET CF	01/30/26 05:44

Eurofins Cedar Falls

Lab Chronicle

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: 804

Lab Sample ID: 310-324821-5
Date Collected: 01/28/26 23:30
Matrix: Solid
Date Received: 01/29/26 16:30
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479978	NFT2	EET CF	02/03/26 13:18
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:15
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	480088	NFT2	EET CF	02/04/26 13:43
Total/NA	Prep	7471B			479664	RLT9	EET CF	01/30/26 11:45
Total/NA	Analysis	7471B		1	479815	RLT9	EET CF	02/02/26 12:04

Client Sample ID: 871

Lab Sample ID: 310-324821-6
Date Collected: 01/28/26 12:00
Matrix: Solid
Date Received: 01/29/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	3005A			479974	RLT9	EET CF	02/04/26 09:00
TCLP	Analysis	6010D		2	480163	ZRI4	EET CF	02/05/26 13:45
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	3005A			480149	RLT9	EET CF	02/06/26 08:30
SPLP West	Analysis	6020B		4	480389	NFT2	EET CF	02/09/26 13:10
SPLP West	Leach	1312			479936	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP West	Prep	7470A			480222	RLT9	EET CF	02/06/26 11:30
SPLP West	Analysis	7470A		1	480364	RLT9	EET CF	02/09/26 12:09
TCLP	Leach	1311			479820	U8FK	EET CF	02/02/26 14:00 - 02/03/26 08:00 [1]
TCLP	Prep	7470A			479872	RLT9	EET CF	02/03/26 11:50
TCLP	Analysis	7470A		1	480035	RLT9	EET CF	02/04/26 11:36
Total/NA	Analysis	7196A		1	480984	HE7K	EET CF	02/16/26 11:55
Total/NA	Prep	3060A			853609	AM	EET CHI	02/16/26 09:08 - 02/16/26 10:38 [1]
Total/NA	Analysis	7196A		1	853862	AM	EET CHI	02/17/26 10:14
Soluble	Leach	DI Leach			479723	T5AC	EET CF	01/30/26 19:31
Soluble	Analysis	9045D		1	479725	T5AC	EET CF	01/30/26 22:17
Soluble	Leach	DI Leach			479724	T5AC	EET CF	01/30/26 20:24
Soluble	Analysis	9214		1	479729	T5AC	EET CF	01/30/26 23:25
SPLP	Leach	1312			479935	U8FK	EET CF	02/03/26 16:00 - 02/04/26 08:00 [1]
SPLP	Analysis	9214		1	480090	WZC8	EET CF	02/04/26 18:37
Total/NA	Analysis	Moisture		1	479652	W9YR	EET CF	01/30/26 05:44

Client Sample ID: 871

Lab Sample ID: 310-324821-6
Date Collected: 01/28/26 12:00
Matrix: Solid
Date Received: 01/29/26 16:30
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		20	479978	NFT2	EET CF	02/03/26 13:20

Lab Chronicle

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Client Sample ID: 871

Date Collected: 01/28/26 12:00
Date Received: 01/29/26 16:30

Lab Sample ID: 310-324821-6

Matrix: Solid
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	481791	NFT2	EET CF	02/25/26 12:48
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		5	479844	NFT2	EET CF	02/02/26 16:18
Total/NA	Prep	3050B			479745	RLT9	EET CF	02/02/26 08:38
Total/NA	Analysis	6020B		20	480088	NFT2	EET CF	02/04/26 13:46
Total/NA	Prep	7471B			479664	RLT9	EET CF	01/30/26 11:45
Total/NA	Analysis	7471B		1	479815	RLT9	EET CF	02/02/26 12:07

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Definitions/Glossary

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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

Accreditation/Certification Summary

Client: John Deere & Co
Job ID: 310-324821-1
Project/Site: JD Foundry - BUD Testing

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6020B	3050B	Solid	Lithium
7196A		Solid	Chromium, trivalent
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Method Summary

Client: John Deere & Co
Project/Site: JD Foundry - BUD Testing

Job ID: 310-324821-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
7471B	Mercury (CVAA)	SW846	EET CF
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET CF
7196A	Chromium, Hexavalent	SW846	EET CHI
9045D	pH	SW846	EET CF
9214	Potentiometric Determination of Fluoride-Aqueous Smps w/Ion-Selective Electrode	SW846	EET CF
Moisture	Percent Moisture	EPA	EET CF
1311	TCLP Extraction	SW846	EET CF
1312	SPLP Extraction	SW846	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CF
3050B	Preparation, Metals	SW846	EET CF
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CF
7471B	Preparation, Mercury	SW846	EET CF
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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310-324821 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: John Deere

City/State. CITY: Waterloo STATE: IA Project:

Receipt Information

Date/Time Received: DATE: 01/29/26 TIME: 1630 Received By: EJ

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☒ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler?	☐ Yes	☒ No	*If yes:* Cooler ID: bucket
Multiple Coolers?	☐ Yes	☒ No	*If yes:* Cooler # _____ of _____
Cooler Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present? No	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☐ Yes	☒ No	*If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☐ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☒ NONE

Thermometer ID. ○ Correction Factor (°C): ○

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C):	Corrected Temp (°C):

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used.	32 oz jar	
Uncorrected Temp (°C):	21.3	
Corrected Temp (°C):	21.3	

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☒ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☒ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

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Client Information	Sampler	Lab PM: Calhoun, Conner M	Carrier Tracking No(s):	COC No: 310-82053-22890 1
Client Contact: Christina Konicek	Phone:	E-Mail: Conner Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company:	PWSID:			Job #:

Address: 2000 Westfield Ave	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Waterloo	TAT Requested (days):		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
State, Zip: IA, 50704	Compliance Project: Δ Yes Δ No		
Phone:	PO #: 4514173494		
Email: KonicekChristina@JohnDeere.com	WO #:		
Project Name: BUD Testing	Project #:		
Site:	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCLP 6010, 7470A	SPLP 6020B, 7471B, 9056A_ORGFM_28D	Total 6020 metals and 7470 Hg	9056A_ORGFM_28D- Fluoride	PH	Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N						
East Pelletizer	1-29-26	3PM	G	S			X	X	X	X	X	X		Please Rush
West Pelletizer	1-29-26	3PM	G	S			X	X	X	X	X	X		Please Rush
Refractory Brick	1/28/26	12PM	Grab	Solid			X	X	X	X	X	X		Please Rush
802	1/28/26	12PM	Grab	Solid			X	X	X	X	X	X		Please Rush
804	1/28/26	1130PM	Grab	Solid			X	X	X	X	X	X		Please Rush
~~850 Cleaning Room~~			~~Grab~~	~~Solid~~			~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		~~Please Rush~~
871	1/28/26	12PM	Grab	Solid			X	X	X	X	X	X		Please Rush

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested. I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date.	Time:	Method of Shipment:

Custody Seals Intact: Δ Yes Δ No	Date/Time:	Company	Received by: EJ	Date/Time: 01/29/26 1630	Company EET
Relinquished by: Christina Konicek	1/29/2026 0:00	Company John Deere	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-91148.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa State Program Iowa		Job #: 310-324821 1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 2/16/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: JD Foundry BUD Testing	Project #: 31016786			
Site: N/A	SSOW#: N/A			

310-324821 COC

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7196A/3060A	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
East Pelletizer (310-324821 1)	1/29/26	15:00 Central	G	Solid			X	1	
871 (310-324821-6)	1/28/26	12:00 Central	G	Solid			X	1	

Analysis Requested

Preservation Codes.

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II, III, IV Other (specify) Primary Deliverable Rank. 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		2/9/26 1550			2/10/26 1930	EPCA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: -0.9 -0.0 -0.7

Login Sample Receipt Checklist

Client: John Deere & Co

Job Number: 310-324821-1

Login Number: 324821
List Number: 1
Creator: Schaufenbuel, Erin

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Refer to Job Narrative for details.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: John Deere & Co

Job Number: 310-324821-1

Login Number: 324821
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 02/10/26 11:56 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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	-0.7 samples not frozen
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

PREPARER

Preparer N	Site Name	Address	City	State	Comment
C. Konicek	Foundry	2000 Wes	Waterloo	IA	871

PREPARER INPUT

Chemical	CASRN	Exposure	Site-Specific Background Soil Level* (mg/kg)
Antimony	007440-3(	3.71	
Arsenic, In	007440-3(	18.7	
Barium	007440-3(	25.3	
Beryllium	007440-4:	0.426	
Boron And	007440-4:	42.6	
Cadmium	007440-4:	0.426	
Chromium	016065-8:	925	
Chromium	018540-2(	1	
Cobalt	007440-4(	22	
Copper	007440-5(	1210	
Fluoride	007681-4(	4.79	
Lead and	007439-9:	2.13	
Lithium	007439-9:	2.13	
Manganes	007439-9(	4340	
Mercury	007439-9:	0.0197	
Molybden	007439-9(	130	
Nickel	007440-0:	270	
Selenium	007782-4(	1.28	
Silver	007440-2:	1.7	
Thallium	007440-2(	0.426	
Vanadium	007440-6:	44.9	
Zinc	007440-6(	58.5	

CANCER OUTPUT

Chemical	CASRN	Site Worker Soil
Arsenic, In	007440-3(	0.11
Chromium	018540-2(	0
Lead and	007439-9:	NQ
TOTALS:	Â	0.11

Cumulative Cancer Risk Site Worker: 0.11
All cancer risk values are x 10^-4

SITE WORKER - NON CANCER OUTPUT BY TARGET ORGAN

Chemical	CASRN	Media	Heart	Liver	Blood	Kidney	Skin	Endoc	Eye	Immu	Nerve	GenUr	Respi	Other	Devel	Gastro
Antimony	007440-3(	Â														
		Soil			0.02									0.02		

Arsenic, I	007440-3	Â															
		Soil	0.85				0.85										
Barium	007440-3	Â															
		Soil	0			0											
Beryllium	007440-4	Â															
		Soil															0
Boron And	007440-4	Â															
		Soil											0			0	
Cadmium	007440-4	Â															
		Soil				0							0		0		
Chromium	016065-8	Â															
		Soil													0		
Chromium	018540-2	Â															
		Soil												0			0
Cobalt	007440-4	Â															
		Soil			0.19												
Copper	007440-5	Â															
		Soil		0.08		0.08											0.08
Fluoride	007681-4	Â															
		Soil													0		
Lead and	007439-9	Â															
		Soil	0			0										0	
Lithium	007439-9	Â															
		Soil													0		
Manganes	007439-9	Â															
		Soil									0.08						
Mercury	007439-9	Â															
		Soil				0											
Molybden	007439-9	Â															
		Soil			0.07							0.07		0.07			
Nickel	007440-0	Â															
		Soil												0.04			
Selenium	007782-4	Â															
		Soil	0				0							0			
Silver	007440-2	Â															
		Soil					0										
Thallium	007440-2	Â															
		Soil		0.11	0.11	0.11	0.11										0.11
Vanadium	007440-6	Â															
		Soil			0.02												
Zinc	007440-6	Â															
		Soil			0												
		Sum:	0.85	0.19	0.41	0.19	0.96	0	0	0	0.08	0.07	0	0.13	0	0.19	