Midwest Injection Inc.
A Link To Success

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SLUDGE/RESIDUALS TRANSPORTATION
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1621 McCABE LANE • CASCADE, IA 52033 563-852-7125 • 563-852-6005 fax • 563-599-4122
MAILING ADDRESS: PO BOX 141 • CASCADE, IA 52033

October 27, 2026

Mr. Bryan Bunton
Iowa Department of Natural Resources
6200 Park Ave.
Suite 200
Des Moines, IA 50321

Dear Ms. Bunton,

This letter is to serve as written notification of the land application of sewer sludge from the Indianola Water Resource Recovery Facility, NPDES Permit # 9133004 onto property operated by City of Indianola located in Warren County. Midwest Injection Inc. will utilize 220 acres or less at an application rate of less than 4 Dry tons/Acre, this is contingent upon the number of gallons available for application. Midwest Injection Inc. will not land apply on any portion of the field that is over 9% slope.

Please let me know if you have any questions or need any additional information.

Thank you for your time concerning this matter.

Sincerely,

Rhonda VanBuskirk
Environmental Analyst

REPORT NUMBER
26-257-4210

REPORT DATE
Sep 14, 2026

SEND TO
54202

RECEIVED DATE
Sep 03, 2026

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www.midwestlabs.com

ISSUE DATE
Sep 14, 2026

Midwest Injection Inc
Chad Snapp
1621 MCCABE LANE
CASCADE IA 52033

REPORT OF ANALYSIS

For: (54202) Midwest Injection Inc
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7

Analysis	Level Found As Received	Level Found Dry Weight	Units	Reporting Limit	Method	Analyst-Date	Verified-Date
Sample ID: **Indianola 503 sludge** Lab Number: **70858381** Date Sampled: **2026-09-02 1500**							
Total Kjeldahl nitrogen (TKN)	2090	44400	mg/kg	25.0	PAI-DK01	amk8-2026/09/08	jdb5-2026/09/09
Phosphorus (total)	1296	27520	mg/kg	10.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Potassium (total)	142.7	3030	mg/kg	50.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Sulfur (total)	539	11400	mg/kg	15.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Calcium (total)	1549	32890	mg/kg	30.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Magnesium (total)	322.1	6839	mg/kg	10.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Sodium (total)	167.5	3556	mg/kg	20.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Iron (total)	1704	36180	mg/kg	10.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Manganese (total)	92.9	1970	mg/kg	2.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Zinc (total)	38.4	815.3	mg/kg	10.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Nitrate/Nitrite nitrogen	< 1.0	< 1.0	mg/kg	1.0	EPA 353.2	nam7-2026/09/09	jdb5-2026/09/10
Barium (total)	33.0	701	mg/kg	0.50	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Cadmium (total)	< 0.20	< 0.20	mg/kg	0.20	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Chromium (total)	1.88	39.9	mg/kg	1.00	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Lead (total)	< 5.0	< 5.0	mg/kg	5.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Mercury (total)	< 0.05	< 0.05	mg/kg	0.05	EPA 7471	rwd9-2026/09/10	kkh9-2026/09/14
Molybdenum (total)	< 1.0	< 1.0	mg/kg	1.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Percent solids	4.71		%	0.01	SM 2540 G-(2015) *	jsp9-2026/09/08	jdb5-2026/09/09
pH	7.3		S.U.	0.1	EPA 9045D	cvn2-2026/09/04	jdb5-2026/09/09

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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REPORT OF ANALYSIS

For: (54202) Midwest Injection Inc
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7

Analysis	Level Found As Received	Level Found Dry Weight	Units	Reporting Limit	Method	Analyst-Date	Verified-Date
Sample ID: Indianola 503 sludge	Lab Number: **70858381** (con't)						
Phosphate P2O5 (calculated)	2970	63000	mg/kg	10	Calculation	Auto-2026/09/08	Auto-2026/09/14
Potash K2O (calculated)	172	3650	mg/kg	10	Calculation	Auto-2026/09/08	Auto-2026/09/14
Copper (total)	15.4	327	mg/kg	1.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Arsenic (total)	< 0.50	< 0.50	mg/kg	0.50	EPA 6020	nto7-2026/09/08	kkh9-2026/09/14
Selenium (total)	0.65	13.8	mg/kg	0.50	EPA 6020	nto7-2026/09/08	kkh9-2026/09/14
Silver (total)	< 1.0	< 1.0	mg/kg	1.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Nickel (total)	1.4	29.7	mg/kg	1.0	EPA 6010	erw9-2026/09/04	kkh9-2026/09/14
Ammoniacal Nitrogen	453	9620	mg/kg	10.0	SM 4500-NH3 C-(2021)	amk8-2026/09/08	jdb5-2026/09/09
Organic nitrogen	1640	34800	mg/kg	0.01	Calculation	Auto-2026/09/09	Auto-2026/09/14
Total volatile solids (TVS)	50.6		%	0.01	SM 2540 G-(2015) *	jsp9-2026/09/08	jdb5-2026/09/09
Sample ID: **Indianola Fecal 1**	Lab Number: **70858382**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	792		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		16400	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.82		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04
Sample ID: **Indianola Fecal 2**	Lab Number: **70858383**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	329		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		6800	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.84		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04

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REPORT DATE
Sep 14, 2026

SEND TO
54202

ISSUE DATE
Sep 14, 2026

RECEIVED DATE
Sep 03, 2026

Midwest Injection Inc
Chad Snapp
1621 MCCABE LANE
CASCADE IA 52033

REPORT OF ANALYSIS

For: (54202) Midwest Injection Inc
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7

Analysis	Level Found As Received	Level Found Dry Weight	Units	Reporting Limit	Method	Analyst-Date	Verified-Date
Sample ID: **Indianola Fecal 3**	Lab Number: **70858384**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	493		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		10300	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.77		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04
Sample ID: **Indianola Fecal 4**	Lab Number: **70858385**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	1720		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		35400	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.86		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04
Sample ID: **Indianola Fecal 5**	Lab Number: **70858386**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	493		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		10100	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.87		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04
Sample ID: **Indianola Fecal 6**	Lab Number: **70858387**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	1300		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		26900	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.83		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04
Sample ID: **Indianola Fecal 7**	Lab Number: **70858388**	Date Sampled: **2026-09-02 1500**					
Fecal coliforms	700		MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	nrh9-2026/09/04	snl7-2026/09/04
Fecal coliforms		14500	MPN/g	0.2	Calculation	Auto-2026/09/04	Auto-2026/09/04
Percent solids	4.83		%	0.01	SM 2540 G-(2015) *	dsn7-2026/09/04	jdb5-2026/09/04

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Midwest Injection Inc
Chad Snapp
1621 MCCABE LANE
CASCADE IA 52033

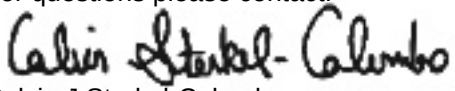
REPORT OF ANALYSIS

For: (54202) Midwest Injection Inc
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7
Indianola, IA, 503 and Fecal 7

Analysis	Level Found As Received	Level Found Dry Weight	Units	Reporting Limit	Method	Analyst-Date	Verified-Date

MPN = most probable number , ppm = parts per million, ppm = mg/kg, ppm = mg/L

For questions please contact:



Calvin J Sterkel-Colombo
Account Manager
ccolombo@midwestlabs.com (402)829-9858

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*printed pw @ MWL
AH 9/3/26

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70858381-388
Samples: 8 Page: 1/2
Brr8
2026 09 03 09:22

Lab Use Only
Thermometer # 34 Initials AH
OT (°C) 22.0 CF (°C) 0.2 CT (°C) 22.2
Date/Time 9/3/26 0910

SUBMITTAL FORM

Order Number: 5552978
Order Date: 2026-09-02 10:25:57
Submitted By: Chad Snapp

Account: 54202
Midwest Injection Inc
1621 MCCABE LANE
CASCADE, IA 52033

Sample Description: Indianola, IA, 503 and Fecal 7
Sample Description 2: Indianola, IA, 503 and Fecal 7
Project/PO Number: Indianola, IA, 503 and Fecal 7
Safety Data Sheet Description: Sample Does Not Require Safety Data Sheet

SAMPLES FOR ANALYSIS

Biosolids

5552978-1 Date Sampled: 2026-09-02 **70858381**
Sample ID: Indianola 503 sludge
Time Sampled: 1500
Analysis Requested:
Sludge (503) *(Total Kjeldahl nitrogen (TKN), Phosphorus (total), Potassium (total), Sulfur (total), Calcium (total), Magnesium (total), Sodium (total), Iron (total), Manganese (total), Zinc (total), Nitrate/Nitrite nitrogen, Barium (total), Cadmium (total), Chromium (total), Lead (total), Mercury (total), Molybdenum (total), Percent solids, pH, Phosphate P2O5 (calculated), Potash K2O (calculated), Copper (total), Arsenic (total), Selenium (total), Silver (total), Nickel (total), Ammoniacal Nitrogen, Organic nitrogen, Total volatile solids (TVS))*

5552978-2 Date Sampled: 2026-09-02 **70858382**
Sample ID: Indianola Fecal 1
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*

5552978-3 Date Sampled: 2026-09-02 **70858383**
Sample ID: Indianola Fecal 2
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*

5552978-4 Date Sampled: 2026-09-02 **70858384**
Sample ID: Indianola Fecal 3
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*

70858381-388
Samples: 8
Page: 2/2
Brr8
2026 09 03 09:22

SUBMITTAL FORM

5552978-5 Date Sampled: 2026-09-02 **70858385**
Sample ID: Indianola Fecal 4
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*

5552978-6 Date Sampled: 2026-09-02 **70858386**
Sample ID: Indianola Fecal 5
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*

70858387

5552978-7 Date Sampled: 2026-09-02
Sample ID: Indianola Fecal 6
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*

70858388

5552978-8 Date Sampled: 2026-09-02
Sample ID: Indianola Fecal 7
Time Sampled: 1500
Analysis Requested:
Fecal Coliform and Percent Sol *(Fecal coliforms, Fecal coliforms, Percent solids)*