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Monday April 20, 2026

Theresa Stiner  
Iowa Department of Natural Resources  
Land Quality Bureau  
502 E 9<sup>th</sup> Street  
Des Moines, IA 50319-0034

**RE: Smithfield Packaged Meats Corp. Permit # 84-SDP-11-22  
Additional Sites Application**

Dear Ms. Stiner,

Enclosed is an application to add additional land application sites to the referenced permit for Smithfield Packaged Meats.

There are two items to note in the additional sites checklist.

- There will be no increased volume for storage since the original permit application so the closure cost estimate has not been revised.
- Land application sites have been or will be soil sampled as necessary prior to each application for each site when conditions are suitable.

If you have any questions, please do not hesitate to call.

Sincerely,

Michael Klema  
Environmental Land Management, LLC

cc: IDNR FO #3, 1900 N Grand Ave, Ste E17, Spencer, IA 51301



IOWA DEPARTMENT OF NATURAL  
RESOURCES



Land Application of  
Solid Waste

Additional Sites

Application to add sites to an existing solid waste land application permit must be accompanied by the information required by the applicable solid waste rules under Iowa Administrative Code 567 Chapter 121.

Send completed applications with attached information to:

Iowa Department of Natural Resources  
Land Quality Bureau  
Solid Waste Section  
502 East Ninth Street  
Des Moines, IA 50319-0034

For questions concerning this application please contact the Department at (515) 725-8350.

**SECTION 1. FACILITY CONTACT INFORMATION**

Permit # 84 -SDP- 11 - 22 -LAN

**Solid Waste Generator Name/Address:**

Smithfield Packaged Meats  
251 15th St NE  
Sioux Center, IA 51250

Phone #: 712-722-3675 Fax #: -

**SECTION 2. PERMIT APPLICATION CHECKLIST**

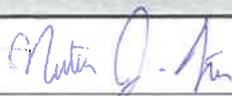
Checking the appropriate boxes below certifies that the documents submitted in conjunction with this application form are complete and in compliance with the applicable chapters of the Iowa Administrative Code. One (1) copy of each document shall be submitted. If an application is found by the department to be incomplete, it may be denied and returned to the applicant.

Required Documents			Attached
	Document/Information	Administrative Code	
Section A	List of all the sites being added. For each site include: <ul style="list-style-type: none"> <li>Name of site</li> <li>Legal description of the site</li> <li>Total acres in the site</li> <li>Acres to be used for disposal</li> <li>Name of landowner or tenant</li> </ul>		X
Section B	Financial Assurance. If the additional site(s) will include additional storage of materials, include a revised cost estimate and proof of financial assurance in the revised amount.	IAC 567 121.8	*Checklist

For each site attach the following:			
Section C	Site map or aerial photo of the site showing the following: <ul style="list-style-type: none"> <li>• The specific area where the material will be applied</li> <li>• Buildings, lakes, ponds, watercourses, wetlands, dry runs, rock outcroppings, roads, and other applicable details.</li> <li>• Soil types and slope</li> <li>• Location of wells</li> </ul> <p><i>Please remember that the area to be used for land disposal:</i></p> <ul style="list-style-type: none"> <li>• may not have a slope of greater than 9%,</li> <li>• may not be within 200 feet of an occupied residence</li> <li>• may not be within 500 feet of a well</li> </ul> <p><b>If the specific area requested includes any of the above the entire field will not be approved.</b></p>	IAC 567 121.7(1)"a"(1) IAC 567 121.7(1)"a"(1) IAC 567 121.7(1)"a"(2) IAC 567 121.7(1)"a"(1)	X
Section D	Soil testing	IAC 567 121.7(1)"a"(9)	*Checklist
Section E	Water table levels	IAC 567 121.7(1)"a"(10)	X
Section F	Review by Soil Conservation District that includes the following: <ul style="list-style-type: none"> <li>• Soil loss limits applicable to the site</li> <li>• Design soil loss levels for the site</li> <li>• Estimated current soil loss levels</li> </ul> <p><i>The review may be done by the Natural Resources Conservation Service or a Professional Agronomist in lieu of the Soil Conservation District.</i></p>	IAC 567 121.7(1)"a"(3) IAC 567 121.7(1)"a"(6) IAC 567 121.7(1)"a"(7) IAC 567 121.7(1)"a"(8)	X
Section G	Proof of ownership or legal entitlement to use the site. (Agreement with landowner or tenant) <i>One document may be submitted for multiple sites with the same landowner or tenant.</i>	IAC 567 121.7(1)"b"(6)	X

**SECTION 3. APPLICANT CERTIFICATION**

<p><b>CERTIFICATION</b></p> <p>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.</p> <p>I further certify that the construction and operation of the above described facility will be in accordance with the plans, specifications, reports and related communications accepted by the Iowa Department of Natural Resources and on file in its office; and in accordance with conditions imposed in the permit issued by the Iowa Department of Natural Resources.</p>
---

Signature:  Date: 04/17/16

Printed Name: Nathan Frens Title: Plant Manager - Sioux Center

**Smithfield Packaged Meats Corp.**  
**Sioux Center, Orange City, Sioux City**

**Iowa DNR Land Application Permit # 84-SDP-11-22P-LAN**  
**Additional Sites Application Checklist: Sections A-G**

**A. List of All Sites Being Added**

1. See attached Additional Sites List and Table 1 Master Site List including all additional land application sites and all previously approved land application sites. Each site list includes:
  - i. Name of Site
  - ii. Legal Description of Site
  - iii. Total Acres in the Site
  - iv. Acres to be used for disposal / Suitable Acres
  - v. Name of Landowner or Tenant

**B. Financial Assurance**

1. Financial assurance will not be updated or changed due to this being a new site addition with no additional volumes expected.

**C. Site Map or Aerial Photo of Sites**

1. See attached aerial site map of additional site detailing:
  - i. The specific area where the material will be applied
    1. Site boundaries outlined on each aerial map
  - ii. Buildings, lakes, ponds, watercourses, wetlands, dry runs, rock outcroppings, roads, and other applicable details
    1. Site features and setbacks detailed on aerial maps
  - iii. Soil types and slope
    1. NRCS soil maps attached for each site
  - iv. Location of wells
    1. IDNR Well Search information attached for each site and active wells highlighted on aerial maps by 500 foot circular setback

**D. Soil Testing**

1. Soil testing will be completed for each additional site prior to application of that site. Additional site soil sampling will be completed each time site is used for application.

**E. Water Table Levels**

1. See attached Depth to Water Table outline for each specific site provided by NRCS.

**F. Review by Professional Agronomist**

1. See attached land application site suitability review performed by Extended Ag Services of Lakefield, MN discussing soil loss levels through erosion and flooding potential.
  - i. Extended Ag Services - Jim Nesseth, Certified Agronomist, License # 17118 and Andy Nesseth, Environmental Consultant.
2. See attached T Factor erosion potential outlines for each specific site provided by NRCS.

**G. Proof of Ownership or Legal Entitlement to Use the Site**

1. See attached Contractual Consent of Landowner, Lessee and/or Land Operator for the specific individual with this additional sites application.

**Smithfield Master Site List (Table 1): Permit 84-SDP-11-22**

Site Name	Farmer	Landowner	County	Township	T, R	Section	Section Description	Total Acres	Acceptable Land Application Acres
Brian Lill Harms	Brian Lill	Gladys Harms	Plymouth	Washington	T92N, R46W	17	NE 1/4	110	110
Ken Less Home	Ken Less	Ken Less	Plymouth	Johnson	T92N, R47W	32, 33	N 1/2 SE 1/4 Sec 32, NW 1/4 SW 1/4 Sec 33	100	80
Site 10 Krienert	Stan Krienert	Stan Krienert	Plymouth	Washington	T92N, R46W	8	NE 1/4	154	140
Site 11 Krienert Home	Dan Langel	Dan Langel / Phil Krienert	Plymouth	America	T92N, R45W	18	E 1/2 of SW 1/4, SE 1/4, SE 1/4 of NE 1/4	200	190
Site 12 Krienert	Phil Krienert	Phil Krienert	Plymouth	Washington	T92N, R46W	5	S 1/2 of NW 1/4	57	48
Site 13 Krienert	Ed Krienert	Arlene Boysen Trust	Plymouth	Washington	T92N, R46W	9	NW 1/4	156	156
Site 14 Krienert	Ed Krienert	Ed Krienert	Plymouth	Grant	T93N, R46W	21	S 1/2 NW 1/4, SW 1/4, W 1/2 SE 1/4	275	176
Site 17 Krienert	Ken Krienert	Ken Krienert	Plymouth	Washington	T92N, R46W	8	N1/2 of NW 1/4	66	66
Site 18 Krienert	Ed Krienert	Julie Bell	Plymouth	Grant	T93N, R46W	31, 32	S 1/2 of SE 1/4 Sec 31; S 1/2 of SW 1/4 Sec 32	153	153
Ken Less North	Ken Less	Greg Brown	Plymouth	Johnson	T92N, R47W	33	SW 1/4 of NW 1/4	53	53
Langel Garfield 8	Cole Langel	Dan & Cole Langel	Plymouth	Garfield	T90N, R43W	8	E 1/2	315	315
Langel Henry 28	Dan Langel	D&JL LLC	Plymouth	Henry	T91N, R43W	28	S 1/2 of NW 1/4, N 1/2 of SW 1/4, SE 1/4	309	266
Kent Allen 155	Kent Allen	Sue Ann Wilms Trust	Plymouth	Johnson	T92N, R47W	32	SW 1/4	155	103
Tentingers	Jim Tentinger	GMT Properties	Plymouth	Johnson	T92N, R47W	32	NE 1/4 & E 1/2 of NW 1/4	185	173
Vanderschaaf	Wally Vanderschaaf	Jacob Griend & Jeanette Vande Trust	Sioux	Holland	T95N, R44W	5	SE 1/4	140	140
Weidauer Home	Jeff Weidauer	Jeff Weidauer	Plymouth	America	T92N, R45W	19	E 1/2 of NW 1/4 and W 1/2 of NE 1/4	112	112

**Farmer Information**

Name	Phone	Address	City	State
Philip Krienert	712-540-3197	18493 Lake Ave	Le Mars	IA
Ed Krienert	712-533-6125	13328 Iris Ave	Le Mars	IA
Ken Less	712-548-8623	21601 Fir Ave	Merrill	IA
Ken Krienert	712-533-6400	PO Box 116	Brunsville	IA
Dan Langel	712-540-9956	35855 C-38	Le Mars	IA
Cole Langel	712-540-9253	20921 Nature Ave	Le Mars	IA
Kent Allen	712-548-6080	21448 190th St	Arkon	IA
Wally Vanderschaaf	712-395-1726	PO Box 213	Sioux Center	IA
Jim Tentinger	712-660-0982	24332 220th St	Merrill	IA
Jeff Weidauer	712-548-4746	31371 195th St	Le Mars	IA
Brian Lill	712-540-2773	24943 170th St	Le Mars	IA

Smithfield New Site List 4/8/2026: Permit 84-SDP-11-22


Site Name	Farmer	Landowner	County	Township	T, R	Section	Section Description	Total Acres	Acceptable Land Application Acres
Brian Lill Harms	Brian Lill	Gladys Harms	Plymouth	Washington	T92N, R46W	17	NE 1/4	110	110

Farmer/Owner Information				
Name	Phone	Address	City	State
Brian Lill	712-540-2773	24943 170th St	Le Mars	IA
Gladys Harms	-	18083 Iris Ave	Le Mars	IA

# Site Name: Brian Lill Harms



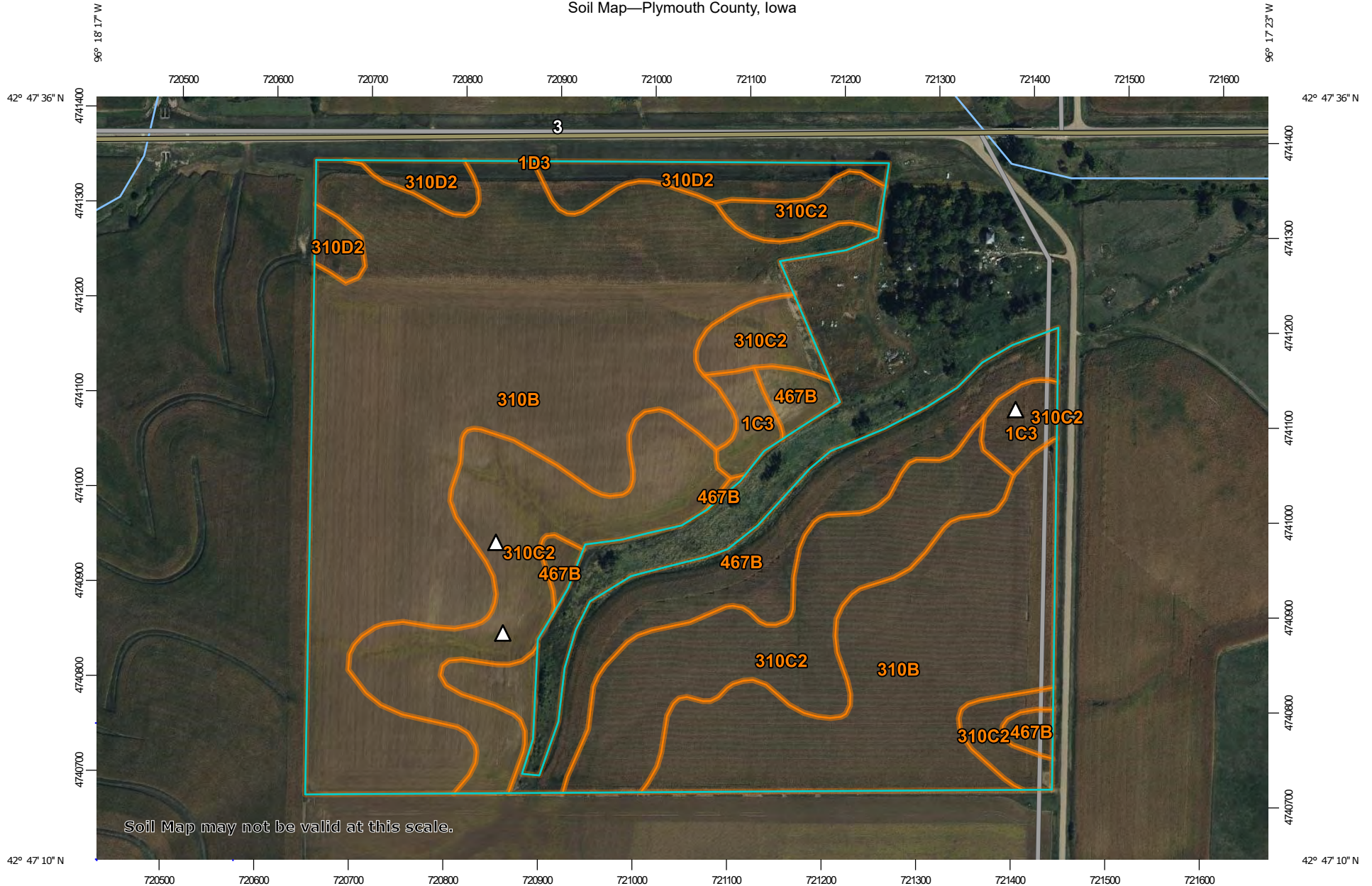
 Unsuitable for Land Application

Brian Lill Phone: (712)540-2773 Spreadable Acres: 108 Deliverable Tons:

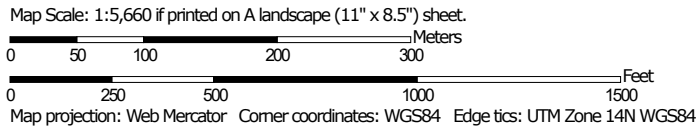
I certify I have followed all stockpiling and spreading rules provided by ELM.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Soil Map—Plymouth County, Iowa



Soil Map may not be valid at this scale.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1C3	Ida silt loam, 5 to 9 percent slopes, severely eroded	2.6	2.4%
1D3	Ida silt loam, 9 to 14 percent slopes, severely eroded	0.0	0.0%
310B	Galva silty clay loam, 2 to 5 percent slopes	61.2	55.1%
310C2	Galva silty clay loam, 5 to 9 percent slopes, eroded	29.3	26.4%
310D2	Galva silty clay loam, 9 to 14 percent slopes, eroded	4.8	4.3%
467B	Radford silty clay loam, 2 to 5 percent slopes	13.1	11.8%
<b>Totals for Area of Interest</b>		<b>111.1</b>	<b>100.0%</b>



## T Factor

Map unit symbol	Map unit name	Rating (tons per acre per year)	Acres in AOI	Percent of AOI
1C3	Ida silt loam, 5 to 9 percent slopes, severely eroded	4	2.6	2.4%
1D3	Ida silt loam, 9 to 14 percent slopes, severely eroded	4	0.0	0.0%
310B	Galva silty clay loam, 2 to 5 percent slopes	5	61.2	55.1%
310C2	Galva silty clay loam, 5 to 9 percent slopes, eroded	5	29.3	26.4%
310D2	Galva silty clay loam, 9 to 14 percent slopes, eroded	5	4.8	4.3%
467B	Radford silty clay loam, 2 to 5 percent slopes	5	13.1	11.8%
<b>Totals for Area of Interest</b>			<b>111.1</b>	<b>100.0%</b>

## Description

The T factor is an estimate of the maximum average annual rate of soil erosion by wind and/or water that can occur without affecting crop productivity over a sustained period. The rate is in tons per acre per year.

## Rating Options

*Units of Measure:* tons per acre per year

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

## Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1C3	Ida silt loam, 5 to 9 percent slopes, severely eroded	>200	2.6	2.4%
1D3	Ida silt loam, 9 to 14 percent slopes, severely eroded	>200	0.0	0.0%
310B	Galva silty clay loam, 2 to 5 percent slopes	>200	61.2	55.1%
310C2	Galva silty clay loam, 5 to 9 percent slopes, eroded	>200	29.3	26.4%
310D2	Galva silty clay loam, 9 to 14 percent slopes, eroded	>200	4.8	4.3%
467B	Radford silty clay loam, 2 to 5 percent slopes	30	13.1	11.8%
<b>Totals for Area of Interest</b>			<b>111.1</b>	<b>100.0%</b>

## Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

## Rating Options

*Units of Measure:* centimeters

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December

Having issues? A prototype of a new version of Facility Explorer is available at <https://facilityexplorer.iowadnr.gov/FacilityExplorer4/>

x

## Well Search


[Print](#) [Help](#)

## Well Search Report

Included in search	No. of wells	Database
X	2	IGS well database General well database maintained by IGS, location accuracy varies 3,730 to 25 ft., last updated 8/2005.
X	0	Public wells Municipal and nonmunicipal public well databases maintained by IGS, location varies 3,730 to 25 ft., under development.
X	0	SDWIS public wells Public well database developed from the Safe Drinking Water Information System database maintained by IDNR, estimated locational accuracy varies from 15m. to 3300m. Created from 5/2005 data.
X	0	Private well tracking system IDNR database management system for Grants-to-counties-covered wells. Locational accuracy unknown, assumed to be +/- 17 m., Last update 7/2005.
X	2	Wells registered for testing Wells tested under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	2	Permitted private wells Wells permitted under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	1	Registered abandoned wells Wells abandoned under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Water use facilities Wells used by facilities permitted to withdraw >25,000 gallons per day, locational accuracy is +/-20m to 1150 m. Created from 7/2005 data.
X	0	Municipal wells and intakes Locational accuracy 220 m., last updated 8/96.
X	0	Ag drainage wells Locational accuracy 100 m., last updated 4/98.

## Well Search Detail

**Subject:** XY UTM Coordinates: 230331/4742685  
Search Radius (mi): 1

## IGS Well Database

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
202232	<a href="#">29254</a>	T92N, R46W, 18, NE NE	Calc. +/- 930 ft.	1438 (m)	86	4/6/1982	Feller, John	Bedrock Depth: 83 Well Type: Private
204651	<a href="#">28856</a>	T92N, R46W, 21, NE NW	Calc. +/- 930 ft.	(m)	322	4/1/1987	Utesch, Max	Bedrock Depth: 260 Well Type: Private

## Public Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
No records found from this data source								

## SDWIS public wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
No records found from this data source								

## Private Well Tracking System

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
No records found from this data source								

## Wells Registered For Testing

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
1716	73736	T92N, R46W, Sec. 8, SE, SE, SE	Calc. +/- 140m.	626 (m)	20	1915	Ransom, Dan	Drilling method: Dug; Estimated well depth
1715	73730	T92N, R46W, Sec. 8, SE, SE, SE	Calc. +/- 140m.	639 (m)	20	1915	Ransom, Dan And Denise	Drilling method: Dug; Estimated well depth

## Permitted Private Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
1669	14800	T92N, R46W, Sec. 7, SE, SE, NE	Calc. +/- 285m.	1552 (m)	110	unkn	Unknown	Primary use: Livestock/ Agricultural
1748	14806	T92N, R46W, Sec. 17, NE, SW, NE	Calc. +/- 285m.	255 (m)	50	9/15/1988	Unknown	Primary use: Livestock/ Agricultural

## Abandoned Wells (plugged)

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
1662	11472	T92N, R46W, Sec. 7, SE, SE, NE	Calc. +/- 140m.	1527 (m)	100	n.a.	Rowe, Dean	Well plugged: 3/22/1989; Well type: < 18" dia.

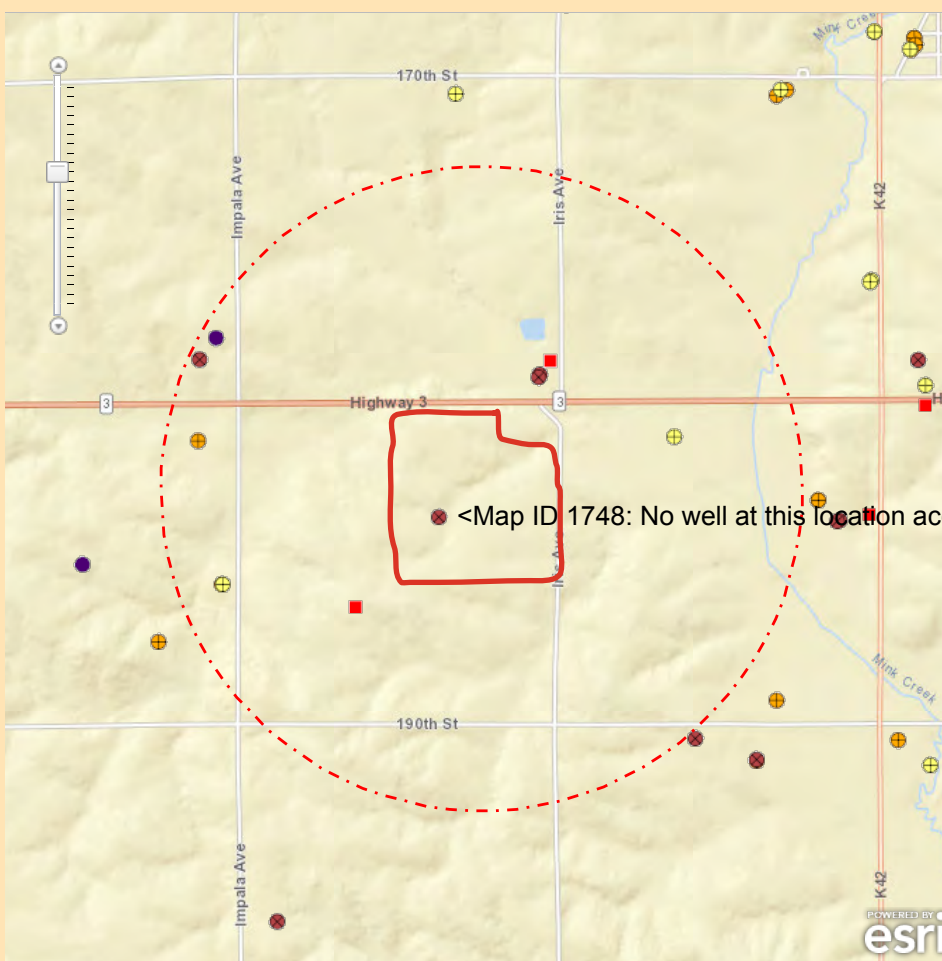
Water Use Facilities								
Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
No records found from this data source								

Municipal Wells And Intakes								
Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
No records found from this data source								

Ag Drainage Wells								
Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/ Permittees	Other Information
No records found from this data source								

### Well Search Buffered Map

**Subject:** XY UTM Coordinates: 230331/4742685  
Search Radius (mi): 1



#### Map Notes:

- UST
- ★ LUST
- \* Wells

Please refer to the Accuracy column in Well Search Detail.

Since multiple points can be at the same spot (as those located to the center of a quarter section), points were randomly dispersed within 10 meters around that spot so all points can be seen.



202 South Highway 86  
Lakefield, MN 56150  
507.662.5005 phone  
507.662.5105 fax  
info@extendedag.com

April 2, 2026

Environmental Land Management

1602 11<sup>th</sup> Drive NE

Austin, MN 55912

RE: Review of Potential Land Application Sites – Smithfield Foods (Plymouth County, Iowa)

Michael,

We have completed our review of the proposed land application site for the Smithfield Foods facilities in Orange City & Sioux Center, Iowa. Thank you for the opportunity to provide our input on this project. The following field was included in this review, all acres are approximate:

Site Name	Acres
Brian Lill Harms	112.6
<b>Grand Total</b>	<b>112.6</b>

Imagery provided by the National Ag Imagery Program (2021) was utilized to determine whether land application sites were in crop production, pasture/hay or non-farmed land. Aerial imagery indicates evidence for gully erosion on portions of the field. The land application site has some limitations regarding slope steepness and length, and general erosion potential.

There are approximately 112.6 acres available for land application of the industrial by-product. The land application site is dominated by silt loams and silty clay loams. All soils have an acceptable soil texture for land application.

According to the NRCS, 99% of the sites have acceptable slopes for the land application the Smithfield byproducts (0-9%). Despite the acceptable slopes, approximately 32.7% of the soils are classified as highly erodible soils and 10.1% are classified as potentially highly erodible. The NRCS characterizes 2.2% of soil as having severe erosion concerns, 30.5% as moderate and 67.3% having slight concerns regarding erosion potential.

Field specific planning and/or residue management should be utilized when applying the byproduct to reduce the potential for movement offsite, on all sites. Application can and should be limited to areas with the lowest slope first and then be directed to areas the furthest from sensitive features such as water. The application of the byproduct is not expected to conflict with any Conservation Plans associated with the observed soils. A summary of slope ratings for the potential land application sites is included below:

Slope Range	Acres
2-5%	75.8
5-9%	35.6
9-14%	1.2
<b>Grand Total</b>	<b>112.6</b>

None of the soils in the potential land application site are listed by the NRCS soil survey as commonly or frequently flooded. Still, it is assumed that agricultural drain tile has been installed, to varying degrees, on soils with poor or somewhat poor drainage. Flooding frequency is not expected to be a limiting factor for land application. However, land application on saturated soils should be avoided at all times. Further, land application on fields with higher slope ranges and predicted rainfall within 24 hours should be limited. A complete breakdown of flooding frequency ratings is shown below:

NRCS Flooding Frequency	Acres
NONE	101.2
RARE	11.4
<b>Grand Total</b>	<b>112.6</b>

Determining appropriate land application rates for any by-product is dependent on the most restrictive variable. This can be either slope, erosivity, flooding potential, soil fertility levels, soil texture or byproduct characteristics, to name a few. The recommendations given herein are independent of any byproduct reviews and only consider the known field characteristics discussed in this review.

Application rates of approximately 10 Wet Tons per acre are appropriate for the field conditions of the land application sites discussed in this review. Appropriate measures should be taken to ensure minimal movement of the waste respect to adequate setbacks from sensitive features (surface water, karst features, conduits to water and high slopes) and land application rates. Special care should be given to applying wastes no less than 48 hours prior to rainfall events of greater than 0.5 inches. Wastes should be incorporated whenever possible, if such practices do not conflict with existing NRCS conservation plans. Applications of organic by-products can result in improved soil fertility, tilth and structure, if properly managed. The soils and parent material on the proposed land application site are naturally acidic in nature. Agricultural lime should be applied to ensure the soil pH is above 6.0 prior to land application of any byproducts.

**Summary**

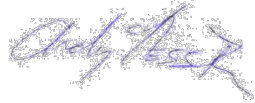
The specified land application material should be evaluated for constituents that pose a risk to the general health and welfare of the public. In general, land utilized for the land application of solid waste containing nutrients needed for pasture or crop production will benefit from such applications. Careful consideration should be taken to ensure nutrients are not applied at levels greater than crop need, once soils have reached the high fertility range as defined by Iowa State University.

In summary, we believe the field conditions are very suitable for land application of solid wastes if done in accordance with all applicable rules, permits and laws. If you have any questions, please do not hesitate to contact us.

Sincerely,



Jim Nesseth  
Certified Agronomist  
License #: 17118



Andrew Nesseth  
Environmental Consultant  
NRCS Technical Service Provider

**Contractual Consent of Landowner**

**Landowner, Lessee and/or Landoperator:** Brian Lill

**Location of storage sites and spreading site(s):** All permitted sites owned, leased and rented.

**Description of byproduct to be stored and land applied on site(s):** Byproduct waste consisting of wastewater sludge generated from the Premium Pet Health pet and livestock feed processing plant in Orange City, IA and wastewater sludge generated from the Golden Crisp Premium Foods pork processing plant in Sioux Center, IA and wastewater sludge generated from the Curly's Foods processing plant in Sioux City, IA.

**Industrial Sludge is generated from:** Premium Pet Health, Orange City, IA; Golden Crisp Premium Foods, Sioux Center, IA; Curly's Foods, Sioux City, IA.

Nutrient Analysis of sludge byproduct on a "as received" basis:

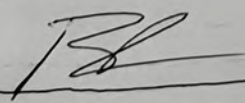
Metals Analysis of sludge byproduct on a "dry" basis:

*\*\*\*Analysis is not guaranteed for agronomic value. Nutrient analysis is an average of four samples from 2021-2022 from the Krienert and Less storage lagoons and does not include the byproduct from Curly's. Metals analysis from one sample in 2022. Byproduct output will be variable.*

Total Solids	9.95 %	Arsenic	none detected
pH	5.88	Barium	3.4 mg/kg
Tot.Kjeldahl Nitrogen	0.37 %	Cadmium	none detected
Ammonia Nitrogen	0.20 %	Chromium	4.4 mg/kg
Phosphorus	0.09 %	Copper	9.7 mg/kg
P2O5	0.21 %	Lead	none detected
Potassium	0.04 %	Mercury	none detected
K2O	0.05 %	Molybdenum	none detected
		Nickel	2.2 mg/kg
		Selenium	0.8 mg/kg
		Silver	none detected
		Zinc	74.5 mg/kg

*\*\*\*Check with your Agronomist to verify that these nutrients and other constituents are not harmful to the crops you are growing during the coming year.*

I have reviewed this information and am authorized to hereby give permission to Smithfield Foods (Premium Pet Health & Golden Crisp Premium Foods & Curly's Foods) to store and land apply on the spreading sites.

Signed: 

Date: 3-25-26

Print Brian Lill