Farm Acreage Summary

Operator: Johnny Kirkpatrick

Location: Accomack

					Acre	age	Environmentally
Landowner	Site	Latitude	Longitude	Field	Total	Usable	Sensitive Soils
Gill Pruitt	F-693 T-5627	N37° 44' 89"	W75° 45' 11"	2, 10	8.3	7.59	YES
Pat Hirsch	F-2461 T-76614	N37° 43' 88"	W75° 43' 90"	3, 4	8.7	6.27	YES
Ronald Denston	F-2460 T-76613	N37° 43' 89"	W75° 44' 03"	3	1.6	1.6	YES
JoAnn Kirkpatrick Life Trust	F-4577 T-6850	N37° 43' 76"	W75° 44' 85"	1-4	41.9	36.99	YES
JoAnn Kirkpatrick Life Trust	F-4576 T-6849	N37° 44' 66"	W75° 44' 83"	5, 6, 7	17.4	14.86	YES
JoAnn Kirkpatrick Life Trust	F-2429 T-6195	N37° 44' 92"	W75° 45' 79"	7	21.6	19.67	YES
Marvin Smith	F-735 T-5687	N37° 44' 07"	W75° 44' 45"	1	20.5	19.83	YES

Teresa DeGavre	F-2070 T-76453	N37° 45' 29"	W75° 44' 84"	1-7	35.5	26.49	YES
Kevin Daley	F-2445 T-5583	N37° 42' 75"	W75° 44' 87"	1	10.5	8.27	YES
Shannahan Rentals VA LLC	F-2801 T-5572	N37° 42' 77"	W75° 44' 77"	1	19.4	14.71	YES
Kelvin Pettit	F-2112 T-5289	N37° 40' 02"	W75° 44' 42"	1	15.3	10.88	YES
Kelvin Pettit	F-2112 T-5263	N37° 39' 86"	W75° 44' 22"	1	33.2	29.74	YES
Sisters 1 LLC	F-3251 T-6339	N37° 44' 06"	W75° 44' 87"	1, 2, 3	23.1	17.62	YES

Total 257 214.72



USDA

United States Department of Agriculture Farm Service Agency

Farm: 693 Tract: 5627 Accomack County

March 20, 2019

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries, and determinations, or contact NRCS.





Farm: 693 Tract: 5627 Total Field Acres: Field 2: 4.8 Field 10: 3.5 Total: 8.3 Total Application Acres: Field 2: 4.8 Field 10: 2.79

Total: 7.59





Natural Resources Conservation Service

Web Soil Survey National Cooperative Soil Survey

NSDA







MAP LEGEND

Area of Interest (AOI) Area of Interest (AOI) Soils Soil Map Unit Polygons Soil Map Unit Lines Soil Map Unit Points Special Point Features Blowout Borrow Pit Clay Spot

Closed Depression

Gravel Pit

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Sinkhole

Slide or Slip Sodic Spot

Miscellaneous Water

Severely Eroded Spot

0

Gravelly Spot



Background

Spoil Area

Stony Spot

Wet Spot

Other

Very Stony Spot

Special Line Features

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Sep 24, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BkA	Bojac sandy loam, 0 to 2 percent slopes	0.7	7.7%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	2.3	25.5%
MuA	Munden sandy loam, 0 to 2 percent slopes	3.7	40.5%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	2.4	26.3%
Totals for Area of Interest		9.1	100.0%

Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: BkA—Bojac sandy loam, 0 to 2 percent slopes

Component: Bojac (90%)

The Bojac component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 60 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 1. This soil does not meet hydric criteria.

Map Unit: DrA—Dragston fine sandy loam, 0 to 2 percent slopes

Component: Dragston (90%)

The Dragston component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Arapahoe (3%)

Generated brief soil descriptions are created for major soil components. The Arapahoe soil is a minor component.

Map Unit: MuA-Munden sandy loam, 0 to 2 percent slopes

Component: Munden (90%)

The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Nimmo (6%)

Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Map Unit: NmA-Nimmo sandy loam, 0 to 2 percent slopes

Component: Nimmo (85%)



The Nimmo component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Polawana (2%)

Generated brief soil descriptions are created for major soil components. The Polawana soil is a minor component.

Data Source Information

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020



Accomack County, Virginia

Legend

Tax Parcel #85-A-1

Owner: Gil Pruitt or Tamara Pruitt

Operator: Johnny Kirkpatrick



Title: F-693 T-5627, Fields 2, 4-10

Map Printed from AccoMap https://parcelviewer.geodecisions.com/Accomack

1:9.028 / 1"=752 Feet

Date: 11/20/2020

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Accomack County is not responsible for its accuracy or how current it may be.

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

		The section of the se		AND DIGGOLIDG			
PART D-VI: LAND APPL	ICATION AGREEMEN	T - BIOSOLIDS	AND IND	USTRIAL RESIDUALS			
A. This land application agreement is made on here as "Landowner", and Iyson Foods referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.							
Landowner: The Landowner is the owner of re agricultural, silvicultural or reclamdocumentation identifying owners	cord of the real property	Accor	nack C				
Table 1.: Parcels authorized	to receive biosolids, w	ater treatment re	siduals or	other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parce	the second second second second	Tax Parcel ID			
+5627			110	Tax Parcer ID			
# 85-A-1		-					
		-					
Additional parcels containing Land Applica	ation Sites are identified on Su	oplement A (check if an	nlicable)				
The Landow	ner is the sole owner ner is one of multiple	of the properties	identified I				
within 38 months of the latest date 1. Notify the purchaser or traiting than the date of the proper 2. Notify the Permittee of the	In the event that the Landowner sells or transfers all or part of the properties identified herein. within 38 months of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the fields identified herein. The Landowner will application on the fields are no longer agreements by the property of the sale within two weeks following property transfer.						
application of any part of this agree	ment becomes invalid or	the information he	o longer av	rallable to the Permittee for			
agricultural sites identified above ar inspections on the land identified ab purpose of determining compliance	nd in Exhibit A. The Land	o land apply residu downer also grants	als as spec	offied below, on the			
Class B biosolids Water treatmen ☐ Yes 🖄 No ☐ Yes 🖄 N	nt residuals Food r	rocessing waste	such applic	ation, dustrial sludges ŽNo			
Printed name Gill Pruit	Mailing Address	FUIL BUG	Landowne	er Signature			
Title*	Phone No.		Ka	tio H			
* I certify that I have authority to sign for	r the landau	23417	1/4/	Mara Vam N			
* I certify that I have authority to sign for *□ I certify that I am a responsible official municipality, state or federal agency, etc.	[or officer] authorized to act	on behalf of the	r, Trustee or P	Power of attorney, etc.			
monicipality, state or federal agency, etc.	, , , , , , , , , , , , , , , , , , , ,	on benen of the corpo	ration, partne	ership, proprietorship, LLC,			
Permittee: _Tyson Foods the Remittee							
manner authorized by the VPA Permit Replan prepared for each land application for	e, agrees to apply biosolids agulation and in amounts no eld by a person certified in						
The Permittee agrees to notify the Lando specifically prior to any particular applical Printed name							
Printed name	Mailing Address P.	2-10	0 110 300108	or residuals to be applied.			
Title O laylor	/emperanceville	VA 23442	Signature Signature	thorized Representative			
Complex' Manager	Phone No. 257-8	24-3471	Len	-1-Lla			
O							

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Tyson Foods	County or City: _	Accomack	County
Landowner: Gill Broit			-

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and sito access restrictions identified below must be complied with after blosofids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the blosolids and industrial
 residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
 nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
 Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature 11/12/7020

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee: Tyson F	oods			
County or City:	Coccomack	County	•	
Please Print			(I andowner signatures a	re not required on this page
Tax Parcel I			Landowner(s)	e not required on this page
T5627	85-A-1	Gill	Proit.	
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Page ___of__



USDA

United States Department of Agriculture Farm Service Agency

Farm: 2461 Tract: 76614 **Accomack County**

1:4,800

daimer: Wetland identifiers do not represent the size, shape or specific determination of the area.

Refer to your original determination (CPA-028 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

March 21, 2019





United States Department of Agriculture Farm Service Agency

Farm: 2460 Tract: 76613 **Accomack County**

1:4,800

daimer: Wetland identifiers do not represent the size, shape or specific determination of the area.

Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

March 21, 2019

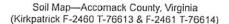


Tract: 76613, 76614, 6339,

T76613 Field 3: 1.6 Field 3: 1.6 T76614 Field 3: 1.4 Field 3: 1.4 T6339 Field 3: 12.7 Field 3: 9.55







MAP LEGEND

Area of Interest (AOI) Spoil Area Area of Interest (AOI) Stony Spot Soils Very Stony Spot Soil Map Unit Polygons Wet Spot Soil Map Unit Lines Other Soil Map Unit Points Special Line Features Special Point Features Water Features Blowout Streams and Canals Borrow Pit Transportation Clay Spot Rails Closed Depression Interstate Highways Gravel Pit US Routes Gravelly Spot Major Roads Landfill 23 Local Roads Lava Flow Background Marsh or swamp Aerial Photography Mine or Quarry Miscellaneous Water Perennial Water Rock Outcrop

Saline Spot

Sandy Spot

Sinkhole

Slide or Slip Sodic Spot

Severely Eroded Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15.800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Sep 24, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DrA	Dragston fine sandy loarn, 0 to 2 percent slopes	1.4	13.7%
NmA	Nimmo sandy loam, 0 to 2 percent stopes	8.9	86.3%
Totals for Area of Interest	'	10.3	100.0%

Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: DrA-Dragston fine sandy loam, 0 to 2 percent slopes

Component: Dragston (90%)

The Dragston component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Arapahoe (3%)

Generated brief soil descriptions are created for major soil components. The Arapahoe soil is a minor component.

Map Unit: NmA-Nimmo sandy loam, 0 to 2 percent slopes

Component: Nimmo (85%)

The Nimmo component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Polawana (2%)

Generated brief soil descriptions are created for major soil components. The Polawana soil is a minor component.

Data Source Information

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Legend

Tax Parcel #/Owner:

85-A-10A: Pat Hirsch

85-A-10C: Ronald Denston

85-A-10A

Map Printed from AccoMap http://accomack.mapsdirect.net/

Feet

0 100 200 300 400 1:4,514 / 1"=376 Feet Title: Kirkpatrick Hirsch Denston Field 1

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Accomack is not responsible for its accuracy or how current it may be.

F2460 T76614

Date: 9/14/2016

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS A. This land application agregment is made on history to the read to the read to the read to have as "Landowner", and "Spon" FOODS "referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until owners the hard parcels duringed with no longer be authorized to receive biosolids or industrial residuals under this agreement. Landowner: The Landowner: The Landowner is the owner of record of the real property located in Accumack "Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1. Parcels authorized to receive biosolids, water treatment residuals or other industrial studges Tax Parcel ID Tax Parce									
A. This land application agragment is made on Introduction between Excell Designation as "Landowner", and Iyo's DroOds" referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownwarship has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement. Landowner: The Landowner is the owner of record of the real property located in Table 1 and identified on the tax may(s) with county documentation identifying owners, attended as Exhibit A. Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges Tax Parcel ID Additional parcels containing Land Application Sites are identified on Supplement A (chack if applicable) Check one: The Landowner is the sole owner of the properties identified herein. The Landowner is one of multiple owners of the properties identified herein. The Landowner is one of multiple owners of the properties identified herein. The Landowner is all or and of the property to which biosolids have been applied within 39 monits of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferre of the applicable public access and crop management restrictions no later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect. The Landowner hereby grants permission to the Permittee to land application of permittee for other i		PART D-VI:	LAND APPLIC	ATION AGR	EEMEN	T - BIOSOLID	S AND IND	NISTRIAI PERIMIAI A	
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By: 1954 Boll 5			☐ Yes Ø No	10000	ZX Yes	□ No	☐ Yes		
* I certify that I have authority to sign for the landowner as indicated by my title as Executor, Trustee or Power of attorney, etc. * I certify that I am a responsible official [or officer] authorized to act on behalf of the corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc. Permittee: Tyson Foods The Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia. The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied. Mailing Address P.o. Box 8 Permittee-Authorized Representative Signature Signature Signature				ivialling Ad	ioress W	GIFA UF	Landown	er Signature	7
Certify that I have authority to sign for the landowner as indicated by my title as Executor, Trustee or Power of attorney, etc. Certify that I am a responsible official [or officer] authorized to act on behalf of the corporation, partnership, proprietorship, LLC, Municipality, state or federal agency, etc. Permittee: Tyson Foods				1955	54 B	0115/	1 71	1 may as a (1) unot	
Permittee: Tyson Foods The Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the plan prepared for each land application field by a person certified in accordance with \$10.1-104.2 of the Code of Virginia. The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied. Printed name Mailing Address P.o. 80x 8 Permittee-Authorized Representative Signature Signature Signature		* I certify that I have a	Uthority to sign for the	Phone No.		23410		vi ione Bonoji	R
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Tyson Foods, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with \$10.1-104.2 of the Code of Virginia. The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied. Printed name		municipality, state or fed	eral agency, etc.			n behalf of the cor	poration, partn	ership, proprietorship, LLC,	7
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Phone No. 757-824-3471 Le 1-	-			1 emporan	iceville,	VA 23442	Signature		
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Tyson Foods Country or City: Accomack Country

Landowner: Cenald Denston

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
 residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
 nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
 Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee: Tyson Foods		
County or City: Accomac	County	
Please Print		# andowner signatures are not serviced as the
Tax Parcel ID(s)		(Landowner signatures are not required on this page Landowner(s)
85-17-10 C	Renald	Denston
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VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	PART D-VI: LAND	PPLICATION	AGREEMEN	NT - BIOSOLIDS	AND INDI	ISTRIAL DECIDINALS		
	A. This land application agreement is made on here as "Landowner", and Tyson Foods to in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the individual parcels identified in this agreement changes, those parcels for which ownership has changed will no land to receive biosolids or industrial residuals under this agreement.							
	Landowner: The Landowner is the owner of record of the real property located in agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county							
	Table 1.: Parcels autho	rized to receiv	ve biosolids, w	ater treatment re	aciduale or	other industrial sludges	-trem	
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176614	85-A-10A				IIU	Tax Parcel ID		
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	Additional parcels containing Land	Application Cites o						
	Check one: The La	ndowner is th	re identified on Su	opfement A (check if ap	oplicable)			
	The La	ndowner is or	e sole owner	of the properties	identified h	erein.		
	Check one: The Landowner is the sole owner of the properties identified herein. The Landowner is one of multiple owners of the properties identified herein. In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later 2. Notify the Permittee of the sale within two weeks following property transfer.							
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	*☐ I certify that I have authority to *☐ I certify that I am a responsible	sign for the lando	wner as indicated	by my title as Evecuto	Trusten as D			
	*□ I certify that I am a responsible municipality, state or federal agency	official [or officer]	authorized to act	on behalf of the corpo	ration, partner	rship, proprietorship, LLC		
	ermittee:	, etc.						
	Tyson Foods the Re-	miltee, agrees to	apply hinsolide	and/or industrial		Landowner's land in the		
m pla	anner authorized by the VPA Per an prepared for each land applica	mit Regulation a	nd in amounts no	of to exceed the rate	iduals on the l s identified In	Landowner's land in the		
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T	itle Complex Manage	Pho	ne No 200	VA 23442	Signature			
1	- manager	1.110	ine No. 257-8	24-3471	gan	1/10		

Page 1 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: _	Tyson Foods	County or City:	Accomack	Countin
Landowner:	Put Hirsch			- CWING

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access

- Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols:
- c. Turf grown on fand where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

Crop Restrictions:

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- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the blosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land
 for three years following the application of biosolids or industrial residuals which bear cadmium equal to or
 exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive blosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

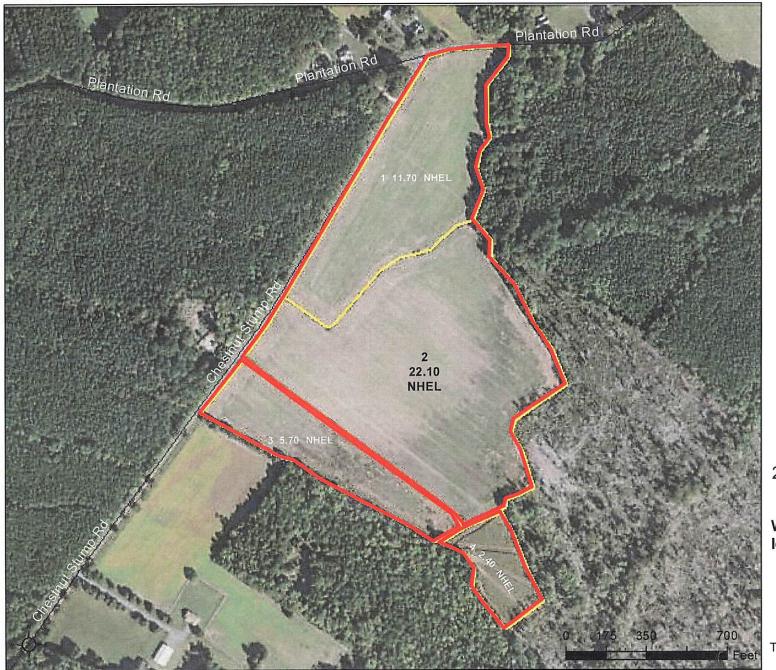
Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee: Tyson Foods		
County or City: Accomacic	County	
Please Print)	Il andowner signatures are not required as the
Tax Parcel ID(s)		(Landowner signatures are not required on this page Landowner(s)
85-A-10 A	n /	
00 11 10 17	Pa+	Hirsch
	-	

Page ___of___

Accomack County, Virginia





Farm 4577 Tract 6850

2023 Program Year

Map Created June 27, 2023

Wetland Determination Identifiers

- Restricted Use
- V Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 41.90 acres

31.94

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

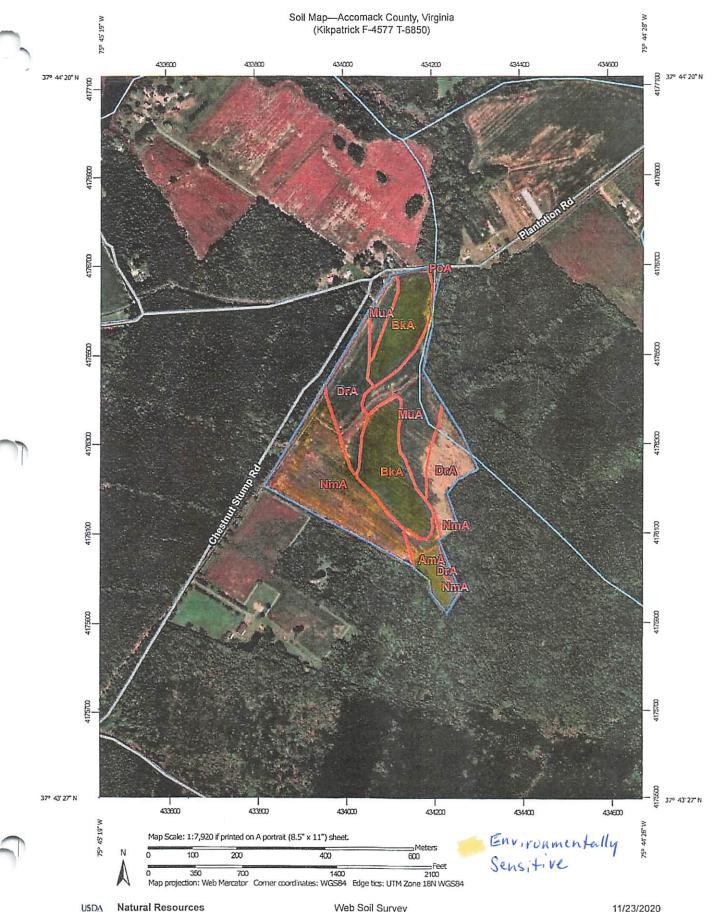


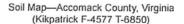


Farm: 4577 Tract: 6850 Total Field Acres: Field 1: 11.7 Field 2: 22.1 Field 3: 5.7 Field 4: 2.4 Total: 41.9

Total Application Acres:
Field 1: 9.26
Field 2: 21.19
Field 3: 4.29
Field 4: 2.25
Total: 36.99







MAP LEGEND

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Aerial Photography

Water Features

Transportation

Background

Very Stony Spot

Special Line Features

Streams and Canals

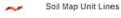
Interstate Highways

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

(o) Blowout

Borrow Pit



Closed Depression

Gravel Pit

.. Gravelly Spot

Landfill

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

- Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15.800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

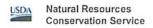
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Sep 24, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AmA	Arapahoe-Melfa complex, 0 to 2 percent slopes, frequently flooded	2.6	5,9%
BkA	Bojac sandy loam, 0 to 2 percent slopes	11.9	27.1%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	9.5	21.7%
MuA	Munden sandy loam, 0 to 2 percent slopes	8.1	18.5%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	11.7	26.8%
PoA	Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded	0.0	0.1%
Totals for Area of Interest		43.7	100.0%



Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: MuA-Munden sandy loam, 0 to 2 percent slopes

Component: Munden (90%)

The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.



Component: Nimmo (6%)

Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Map Unit: NmA-Nimmo sandy loam, 0 to 2 percent slopes

Component: Nimmo (85%)

The Nimmo component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Polawana (2%)

Generated brief soil descriptions are created for major soil components. The Polawana soil is a minor component.

Map Unit: PoA—Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded

Component: Polawana (95%)

The Polawana component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on drainageways on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Component: Nimmo (2%)

Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Data Source Information

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020



Legend

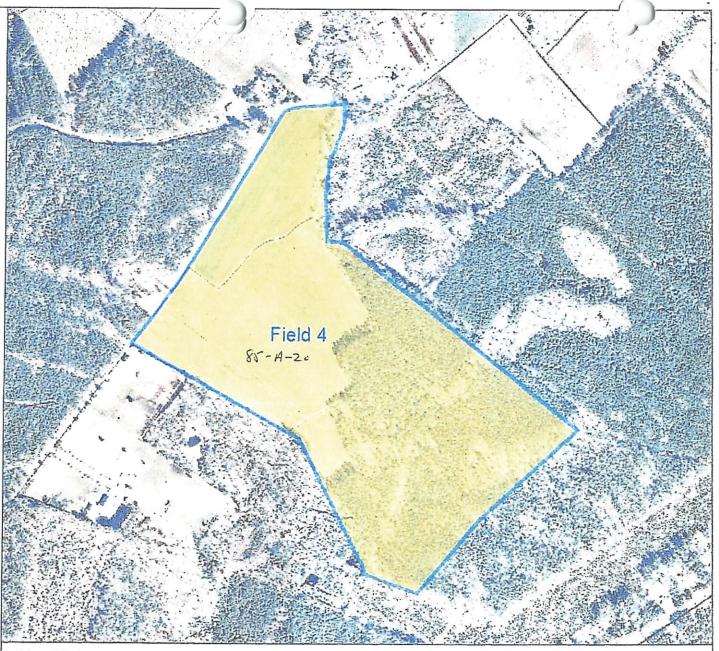
Owner:
JoAnn Kirkpatrick
18192 Robbins Lane
Onancock, VA 23417
Operator:
Johnny Kirkpatrick
Tax Parcel:
85-A-20

MAILE

Map Printed from AccoMap http://accomack.mapsdirect.net/

Feet

0 200 400 600 800 1:9.028 / 1 = 752 Feet



Date: 8/10/2016

Title: Kirkpatrick Field 4 F4577 T6850

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Accomack is not responsible for its accuracy or how current it may be.

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	PART D-VI:	LAND APPL	ICATION AGREEME	NT - BIOSOLIDS	S AND INDU	STRIAL RESIDUALS
	A. This land appling here as "Landowr in effect until it is to Landowner in the individual parcels longer be authorized.	cation agreement in a light of the light of	ent is made on 1/15	between eferred to here as t with respect to those until ownership of	the "Permittee" se parcels that	referred to This agreement remains t are relained by the
×	The Landowner is agricultural, silvicu documentation ide	the owner of re ultural or reclam entifying owners	ecord of the real property nation sites identified bel s, attached as Exhibit A.	located in win Table 1 and	Identified on the	Virginia, which includes the ne tax map(s) with county
grymsh a	Table 1.: Parc	els authorized	to receive biosolids,	water treatment r	esiduals or o	ther industrial sludges
2 24	Tax Laicei	IU	Tax Parcel ID	Tax Parc		Tax Parcel ID
2 dus-	7 84-17-44	T- 6195				<u>rax i alcerio</u>
To See	85A-8	10 T- 685		THE COURSE PARTICULAR STATE AND ADDRESS OF THE COURSE AND ADDRESS OF T		
144 /	2 85-A-13	3 T-688	49			
wet 16	Additional parcels cont	aining Land Applic	ration Siles are identified on St	ipplement A (check if a	opplicable)	
13 Creek	oneck one:	The Landov	wner is the sole owner wner is one of multiple	of the properties	identified he	erein. Itified herein
	than the da 2. Notify the P The Landowner has notify the Permittee application or any pa The Landowner here agricultural sites ideal inspections on the landowner here.	the latest date urchaser or trate of the proper termittee of the moother agreed immediately if art of this agreed by grants permitted above and identified above and identified.	end of iteristers all or pair of biosolids application, insferee of the application, insteree of the application, insteree of the application into transfer; and sale within two weeks for mements for land application conditions change such mement becomes invalid or mission to the Permittee ind in Exhibit A. The Lar bove, before, during or a mith regulatory requirement residuals	tof the property to the Landowner shappilic access and public access and public access and public access and public access and on on the fields ide that the fields are a the information had to land apply resid downer also grant fter land application ments applicable to	which biosolice all: d crop manage ransfer. entified herein. no longer available as specificate permission for of permitted pouch applicationals.	The Landowner will lable to the Permittee for d becomes incorrect. ied below, on the or DEQ staff to conduct residuals for the ion, ustrial sludges
	By:				Landowner S	Fulsatrul
	Title*		Phone No.		- asi	
	" I certify that I have :	authority to sign fo	or the landowner as Indicated	by my title as Evecute	or Tructon as b	Truit
1	municipality, state or fee	responsible officia	or officer) authorized to ac	t on behalf of the corp	oration, partners	hip, proprietorship, LLC
; ;	Permittee: Tyson Foods manner authorized by the plan prepared for each to the permittee agrees to	, the Permittene VPA Permit Relation in	e, agrees to apply biosolids legulation and in amounts r field by a person certified in owner or the Landowner's t tion to the Landowner's lar	and/or industrial restot to exceed the rate accordance with §1 designee of the property. Notice shall include.	siduals on the La es identified in the 10.1-104.2 of the	andowner's land in the ne nutrient management
ĺ	1	_	I Main Address	0 Nm/ V	Permittee- Author	orlzed Representative
	Title Carroley M	20222	/emperanceville	VA 23442	Signature	-0
	Complex III	anager	Phone No. 757-	824-3471	1 gan	1-/0
					1	

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: _	Tyson Foods	County or City:	Accomack	Country
Landowner:	JoAnn Kirkpatrick Lil	e Thurt	11 Corrace	COUNTY

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols:
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or Industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Page 2 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee:Tyson Foods			
County or City: Accornace	a County		
Please Print			
Tax Parcel ID(s)		(Landowner signatures are not require Landowner(s)	ed on this page
84-A-44	1		
8 T 17 99	1/		
85-A-13	1 Jo Ann	Kirkpatrick Life T	nust
85-19-2c			

Page ___of___

Rev 6/11/2018b



USDA

United States Department of Agriculture Farm Service Agency

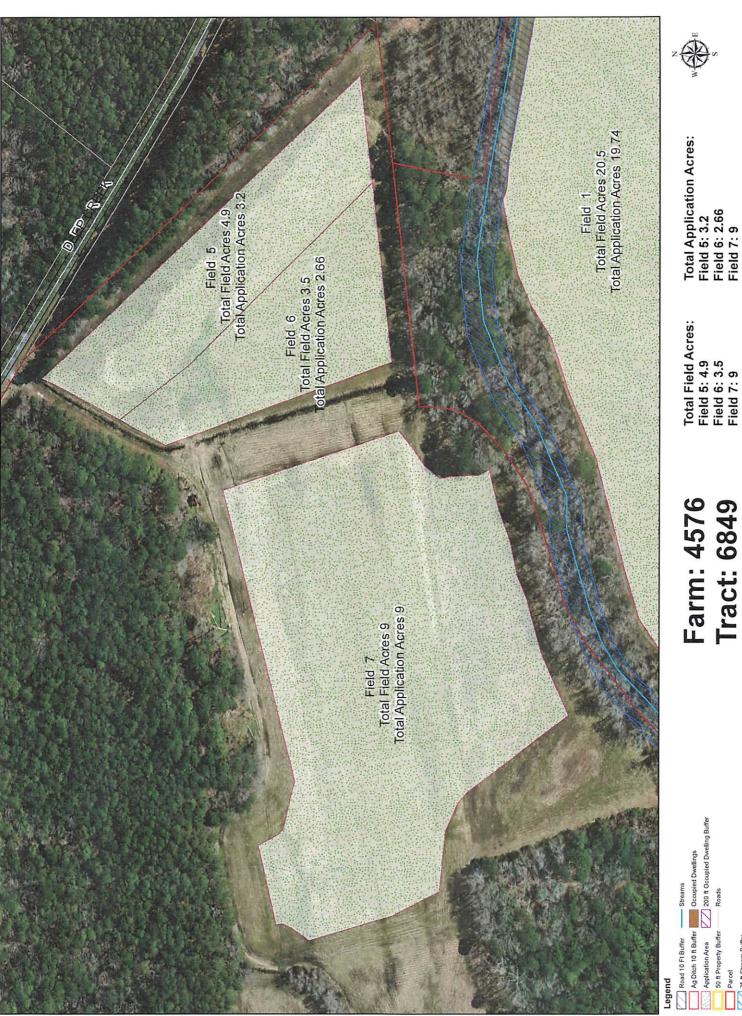
Farm: 4576 Tract: 6849 **Accomack County**

1:4,800

March 25, 2019

Disimer: Wetland identifiers do not represent the size, shape or specific determination of the area.

Refer to your original determination (CFA-028 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



Total Application Acres: Field 5: 3.2 Field 6: 2.66 Field 7: 9

Total Field Acres: Field 5: 4.9 Field 6: 3.5 Field 7: 9

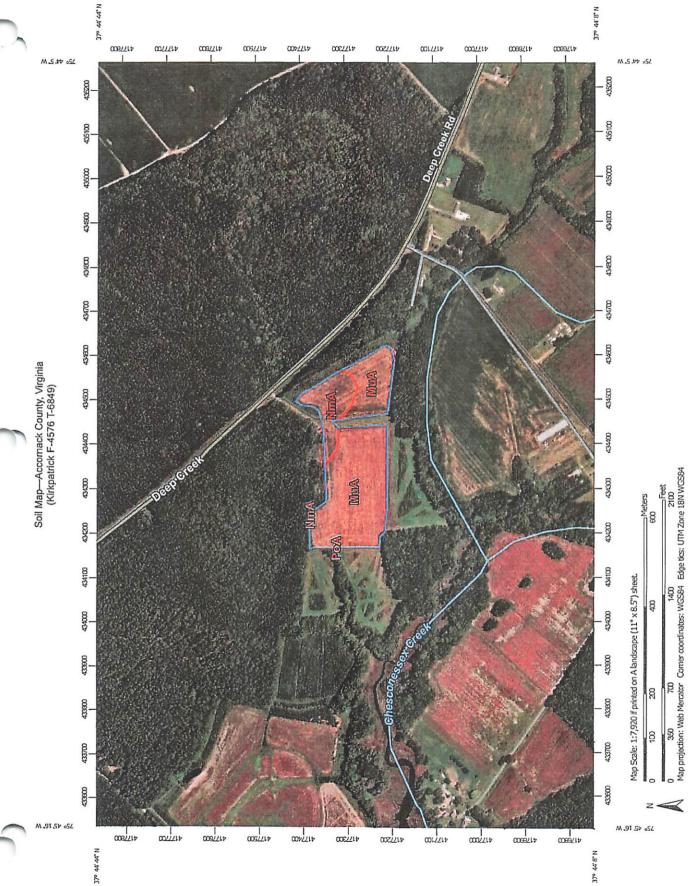
Lir Wahrde

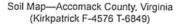
200 ft Occupied Dwelling Buffer

50 ft Property Buffer

35 ft Stream Buffer Parcel

Application Area





MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout



Borrow Pit Clay Spot



Closed Depression



Gravel Pit Gravelly Spot



Landfill



Lava Flow



Mine or Quarry



Miscellaneous Water

Marsh or swamp



Perennial Water Rock Outcrop





Saline Spot

Sandy Spot

Severely Eroded Spot



Sinkhole

Slide or Slip Sodic Spot

Stony Spot

Spoil Area



Very Stony Spot



Wet Spot Other



Special Line Features

Water Features

Streams and Canals

Transportation

Rails Interstate Highways



US Routes



Major Roads Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Sep 24. 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MuA	Munden sandy loam, 0 to 2 percent slopes	12.8	81.6%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	2.9	18.4%
PoA	Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded	0.0	0.0%
Totals for Area of Interest		15.6	100.0%

Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: MuA-Munden sandy loam, 0 to 2 percent slopes

Component: Munden (90%)

The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.



Component: Nimmo (6%)

Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Map Unit: NmA-Nimmo sandy loam, 0 to 2 percent slopes

Component: Nimmo (85%)

The Nimmo component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Polawana (2%)

Generated brief soil descriptions are created for major soil components. The Polawana soil is a minor component.

Map Unit: PoA—Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded

Component: Polawana (95%)

The Polawana component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on drainageways on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Component: Nimmo (2%)

Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Data Source Information

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020



85-A-13: JoAnn Kirkpatrick Tax Parcel#/Owner: Legend

Title: Kirkpatrick Kirkpatrick Field 3

45767-6849

Date: 9/14/2016

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Accomack is not responsible for its accuracy or how current it may be.

Map Printed from AccoMap http://accomack.mapsdirect.net/

Feet

1:4.514 / 1"=376 Feet 200 300 400

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	PART D-VI: LAND APPLICAT	TON AGREEMEN	NT - BIDSOLID		2.0002100	
	A. This land application access		41 - DIOSOLID	S AND INDU	ISTRIAL RESIDUALS	
	A. This land application agreement is here as "Landowner", and	made on	between	1	referred to	
	in effect until it is terminated in writing in Landowner in the event of a sale of one individual parcels identified in this	by either party or, v	vilh respect to the	the "Permittee		
	Landowner in the event of a sale of one individual parcels identified in this agre longer be authorized to receive him.	e or more parcels,	until ownership of	all parcels the	andes If ownership of	
	o and additionable to receive biosolic	is or industrial resid	ose parcels for while	nich ownershi	p has changed will no	
	Landowner:		2	groenient.		
	The Landowner is the owner of record agricultural, silvicultural or reclamation	of the real property	located in	mack C	bunky	
	agricultural, silvicultural or reclamation documentation identifying owners, attac	sites Identified belo	w in Table 1 and	identified on t	Virginia, which includes the	
Miles	Table 1 · Parcols authorized	ned as Exhibit A.	La Hippara de Caración de Cara		ne tax map(s) with county	
Arymin a	Table 1.: Parcels authorized to re	ceive biosolids, v	vater treatment r	esiduals or o	other industrial studges	
. 2.	1 0	x Parcel ID	Tax Parc	el ID		
2 Lus	-> 84-17-44 T-6195		10.01	CITO	Tax Parcel ID	
and a	= 85A-20 T-6850					
17,000	85-A-13 T-6849					
(1) WELL	Additional parcels containing Land Application Sil	tes are identified on Sup	oplement A (check if a	pplicable)		
	Check one: The Landowner is The Landowner is In the event that the Landowner sells or	s the sole owner	of the properties	identified h	erein	
	In the event that the Landowner sells or	s one or multiple	owners of the pr	operties idea	ntified herein.	
	Within 38 months of the leteral date of the	manarers all of part	or the property to	which blace!	1J_ 1 .	
	than the date of the man lianstere	e of the applicable	public access and	d crop man-		
	2. Notify the Permittee of the sale w	Notify the purchaser or transferee of the applicable public access and crop management restrictions no later Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other access and crop management restrictions no later.				
	The Landowner has no other agreements	f1	llowing property tr	ansfer.		
	The Landowner has no other agreements notify the Permittee immediately if condition or any part of this parts.	ons change such t	n on the fields ide	entified herein	. The Landowner will	
	part of this agreement	becomes invalid or	the information	io longer ava	hable to the Permittee for	
	The Landowner hereby grants			VISIT COLITAILE	ou necomes incorrect	
	agricultural sites identified above and in E inspections on the land Identified above, inspections of determining compliance with	xhibit A. The Land	iowner also grant	uais as specii s permission :	for DEO at the	
	inspections on the land Identified above, in purpose of determining compliance with received the biosofiles water treatment residence.	petore, during or af	ter land application	n of permitted	residuals for the	
	Water treatment resid	•	ents applicable to rocessing waste	auch applica	iion.	
	Titos Mino Li Yes Mo	D(Yes	□ No	Other indi	ustriat studges IZ No	
	Printed name	Mailing Address				
	By:			Landowner		
	Title*	Phone No.		John	Migabrul	
	Li certify that I have authority to sign facets I.				trust	
	* I certify that I have authority to sign for the landowner as indicated by my title as Executor, Trustee or Power of attorney, etc. * I certify that I am a responsible official [or officer] authorized to act on behalf of the corporation, partnership, proprietorship, LLC,					
	mannespanty, state of federal agency, etc.		on behalf of the corp	oration, partners	ship, proprietorship, LLC,	
	Permittee: _Tyson Foods the Romittee					
	manner authorized by the VDA F	es to apply biosolids	and/or industrial res	iduals on the t	andowner's land in the	
	specifically prior to any particular application to	ne Landowner's land	I. Notice shall inclu	de the source of	of residuals to be applied	
				Permittee- Auth	orized Representative	
	Title Complex Manager	Phone No. 257-8	VA 23442	Signature	-1	
	7	15. 15. 1-8	24-3471	1 gan	17/0	
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	WILLY 100				_	

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION

JOHNN KIRKONTICK LILE THUMA County or City: A Comucal Count Iyson Foods

Landowner Site Management Requirements:

governing the land application of biosolids, the components of biosolids and proper handling and land application of I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations

protect public health, and that I am responsible for the implementation of these practices. restrictions identified below must be complied with after biosolids have been applied on my property in order to I have also been expressly advised by the Permittee that the site management requirements and site access

I agree to implement the following site management practices at each site under my ownership following the land

- as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land 1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field
- 2. Public Access
- following any application of biosolids. No biosolids amended soil shall be excavated or removed from Public access to land with a low potential for public exposure shall be restricted for at least 30 days a. Public access to land with a high potential for public exposure shall be restricted for at least one year
- the site during this same period of time unless adequate provisions are made to prevent public
- of biosolids when the harvested turt is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ. c. Turt grown on land where biosolids are applied shall not be harvested for one year after application
- Crop Restrictions:
- surface shall not be harvested for 14 months after the application of biosolids. a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land
- four (4) or more months prior to incorporation into the sall, after the application of biosolids when the biosolids remain on the land surface for a time period of Food crops with harvested parts below the surface of the land shall not be harvested for 20 months
- when the biosolids remain on the land surface for a time period of less than four (4) months prior to Food crops with harvested parts below the surface of the land shall not be harvested for 38 months .o
- Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to laotating dairy animals). Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids; ,b
- 4. Livestock Access Restrictions:
- Meat producing livestock shall not be grazed for 30 days, Following blosolids application to pasture or hayland sites:
- Offner animals shall be restricted from grazing for 30 days; Lactating dairy animals shall not be grazed for a minimum of 60 days.
- nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of residuals applications such that the total crop needs for nutrients are not exceeded as identified in the 5. Supplemental commercial tertilizer or manure applications will be coordinated with the blosolids and industrial
- exceeding 0.45 pounds/acre (0.5 kilograms/hectare). for three years following the application of biosolids or industrial residuals which bear cadmium equal to or 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land

Lahdowner's Signatule

Rev 6/11/2018b

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee: Tvson Foods

County or City	· P
County or City: Accornic	al county
The state of the s	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
84-A-44	7
S = 1/1 13	
85-A-13	Y Co Ann Vinka to 1 1 1
85-19-20	Jo Ann Kirkpatrick Life Trust
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Page ___of___

Rev 6/11/2018b

United States Department of Agriculture

Accomack County, Virginia

Hutch developed Farm 2429
Tract 6195 700 350

The T

Exempt from Conservation Wetland Determination Map Created June 27, 2023 Restricted Use dentifiers

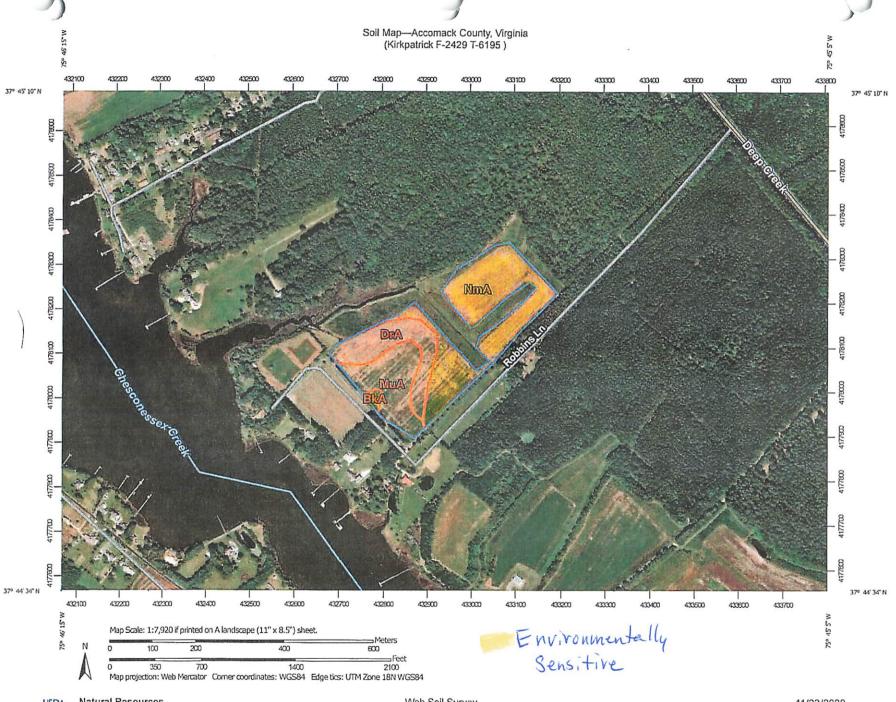
2023 Program Year

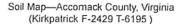
Compliance Provisions

ار مارو Tract Cropland Total: 44,00 adres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).







MAP LEGEND

Area of Interest (AOI) Area of Interest (AOI)

Soils

Soil Map Unit Polygons

-

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

×

Gravelly Spot

to Landfill

Lava Flow

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Sandy Spot

= Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

Spoil Area

Stony Spot

Very Stony Spot

Wet Spot

Other

Special Line Features

Water Features

Streams and Canals

Transportation

_ .

Interstate Highways

~

US Routes

Local Roads

Major Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15.800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Sep 24, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BkA	Bojac sandy loam, 0 to 2 percent slopes	0.3	1.3%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	4.7	21,3%
MuA	Munden sandy loam, 0 to 2 percent slopes	4.9	22.4%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	12.1	54.9%
Totals for Area of Interest		21.9	100.0%

Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: BkA-Bojac sandy loam, 0 to 2 percent slopes

Component: Bojac (90%)

The Bojac component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 60 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 1. This soil does not meet hydric criteria.

Map Unit: MuA-Munden sandy loam, 0 to 2 percent slopes

Component: Munden (90%)

The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Nimmo (6%)

Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Map Unit: NmA-Nimmo sandy loam, 0 to 2 percent slopes

Component: Nimmo (85%)

The Nimmo component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Polawana (2%)

Generated brief soil descriptions are created for major soil components. The Polawana soil is a minor component.

Data Source Information

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 16, Jun 3, 2020

Accomack County, Virginia

Legend

Tax Parcel 84-A-41 Owner: Darryl or Jackie Lilliston

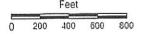
Tax Parcel 84-A-38 Owner: Sisters 8 LLC

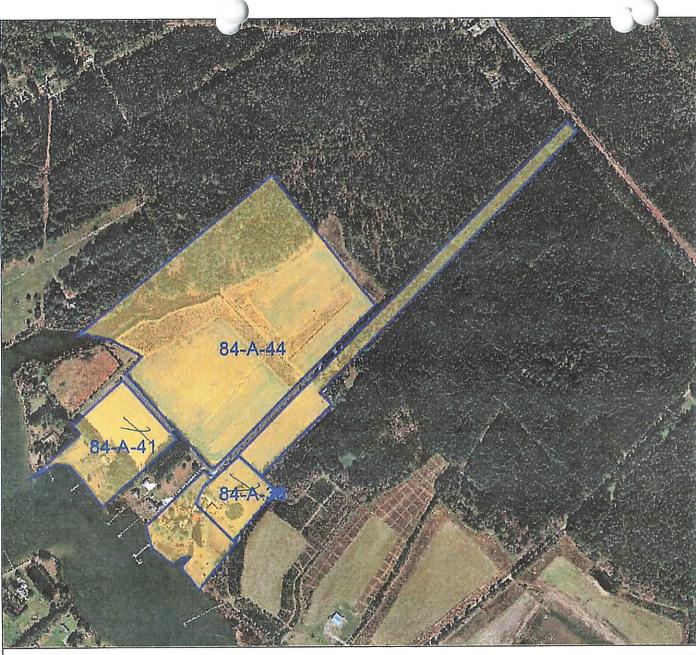
Tax Parcel 84-A-44

Owner: JoAnn Kirkpatrick Trust

40 m3

Map Printed from AccoMap http://accomack.mapsdirect.net/





Title: Farm 2429 Tract 6195 Field 3-7

Date: 9/14/2020

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Accomack County is not responsible for its accuracy or how current it may be.

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

-	PART D-VI: LAND APPLICA	TION AGREEME	NT BIOCOLIDA		, ,
	PART D-VI: LAND APPLICA	TOTAL PARTY OF THE	- BIOSOLIDS	AND INDUS	STRIAL RESIDUALS
	here as "I andowner" and Tyson	made on ///5/	20 between	10 Hun Kin	expective K Trust
			ferred to here as the	ne "Permittee"	771.7
	Landowner in the event of a sale of or individual parcels identified in this agrillonger be authorized to receive his agrillonger.	ne or more parcels.	until ownership of	e parcels that	are retained by the
	individual parcels identified in this agri longer be authorized to receive biosol	eement changes, th	ose parcels for wh	ich ownershin	nges. If ownership of
	longer be authorized to receive biosol Landowner:	ids of industrial resid			
	The Landowner is the owner of re-	F.11	Adres.	na K CB	vien ky
	The Landowner is the owner of record agricultural, silvicultural or reclamation	of the real property	located in	, V	irginia, which includes the
10	agricultural, silvicultural or reclamation documentation identifying owners, atta	iched as Exhibit A	w in Table 1 and i	dentified on th	e tax map(s) with county
gramme a	Table 1.: Parcels authorized to r	eceive hipselide			The state of the s
gr a	Table 1.: Parcels authorized to r	occive biosolius, v	vater treatment re	esiduals or of	ther industrial sludges
, 2.	SCI A LIVE	ax Parcel ID	Tax Parce	elID	Tax Parcel ID
n dous	39-17-44 T-6195				TOX I GIOGIID
ato a	= 8,5A-20 T-6850	,			
14,4	2 85-A-13 T-6849				
a very	Additional parcels containing Land Application s	Sites are identified on Su	pplement A (check if ar	anlicable)	
13 Creek	The Landowner	ic the cole			
	☐ The Landowner	is one of multiple	owners of the pro	operties iden	rein.
	In the event that the Landowner sells o within 38 months of the latest date of bi	r transfers all or par	of the amount to	which his man	med nerein.
	within 38 months of the latest date of bi	osolids application,	the Landowner sh	all:	is have been applied
	than the date of the property to	ce of the abblicable	public access and	crop manage	ment restrictions no later
	- Houry the Fermillee of the sale	Within two weeks to	llowing area		
-91					
	notify the Permittee immediately if cond application or any part of this agreemen	itions change such	on the fields ide	ntified herein.	The Landowner will
	application of any part of this agreemen	t becomes invalid of	the information by	o longer avail	able to the Permittee for
	The Landowner hereby grants permissic agricultural sites identified above and in	on to the Permittee t	n land apply racid		d becomes incorrect.
	agricultural sites identified above and in inspections on the land identified above	Exhibit A. The Lan	downer also grants	uais as specific	ed below, on the
	inspections on the land identified above purpose of determining compliance with Class B biosolids Water treatment res	before, during or a	fter land application	n of permitted	residuals for the
	Class B biosolids Water treatment res		ours applicable fo	such applicati	on.
	☐ Yes ☐ No ☐ Yes ☐ No	XYes	orocessing waste	Other indu	strial studges
	Printed name		D 140	☐ Yes	DZ No
		Malling Address		Landowner S	ignature
	By:			Dolar.	Fulsatrul
	Title*	Phone No.		100:	
	*☐ I certify that I have authority to sign for the *☐ I certify that I am a responsible official [or o	landowner as indicated	by my title as Evecuto	Tructor and	Duit
	* I certify that I am a responsible official [or of municipality, state or federal agency, etc.	fficer] authorized to act	on behalf of the corn	oration partners	ver of attorney, etc.
				par (ners)	iip, proprietorship, LLC,
	Permittee: _Tyson Foods the Permittee are				
	manner authorized by the VDA Demit D	rees to apply biosolids	and/or industrial res	iduals on the La	andowner's land in the
	Plan prepared for each land application field b	Wa borron andif-d:	or to chocca alo late	is identified in th	1e nutrient management
	The Permittee agrees to make it.		31	0.1-104.2 OI ME	CODE of Virginia
	specifically prior to any particular application to Printed name			de the source of	or land application and fresiduals to be applied
	King I	1	I Keel V	Permittee- Author	orized Representative
	Title Carlor	/emporanceville	VA 23442	Signature	
	Complex Manager	Phone No. 757-	824-3471	La	1-/10
	9				
104					\ /

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION

Permittee: Tyson Foods	County	
Landowner: Jo Ann Kirkpatrick	Lile Thurs	County

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions Identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed,

2. Public Access

a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.

b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;

c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Rev 6/11/2018b

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee: Tyson Foods

County or City: Accoma	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
84-A-44)
85-A-13	
03 14 15	Go Ann Kirkpatrick Life Trust
85-A-20	

Page ___of__