#### Farm Acreage Summary

Operator: Richard Haynie

Location: Accomack

					Acr	eage	<b>Environmentally</b>
Landowner	Site	Latitude	Longitude	Field	Total	Usable	Sensitive Soils
Lynwood Lewis	F-5164 <b>T-76687</b>	N37° 44' 88"	W75° 34' 67"	8	41.2	38.3	YES
Lisa Lewis Lynwood Lewis	F-5165 <b>T-6303</b>	N37° 45' 78"	W75° 34' 65"	1	15.3	13.8	YES
Lisa Lewis	F-3576 <b>T-77133</b>	N37° 49' 09"	W75° 36' 10"	2	20.8	16.84	NO
Lisa Lewis	F-3909 <b>T-77289</b>	N37° 45' 30"	W75° 34' 86"	2, 3	24	22.6	YES
Raymond Edwards D W Succ TR c/o Alexander Boyd	F-3577 <b>T-76686</b>	N37° 45' 88"	W75° 34' 40"	2	26.2	23	YES

#### Accomack County, Virginia

## Haynie



Farm 5164 Tract 76687

2023 Program Year

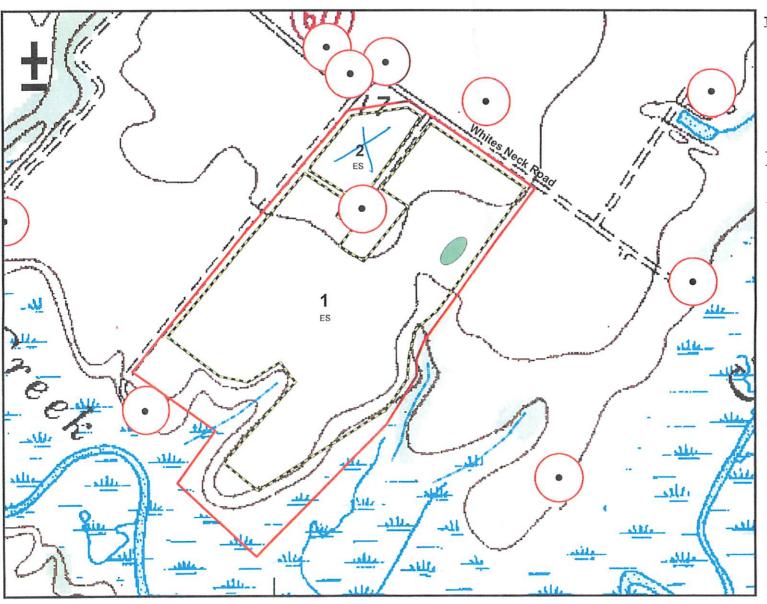
Map Created June 27, 2023

#### Wetland Determination Identifiers

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

Tract Cropland Total: 41.20 acres

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).



#### TOPOGRAPHIC/OPERATIONAL MAP

Operator: Barry Lane Owner: Lynwood Lewis Whites Neck Road Accomack County, Virginia

> FSA # 3903 Tract # 76687

Total Field Acres
Total Application Acres

44.3 Acres 40.7 Acres

Field	Field Acres	Application Acres
1	41.2	38.3
•	0.4	0.4

Approximate Scale: 1:3,807

USGS Topographic Map Bloxom, VA Quadrangle 7.5 Series1979

#### **Buffer Legend**

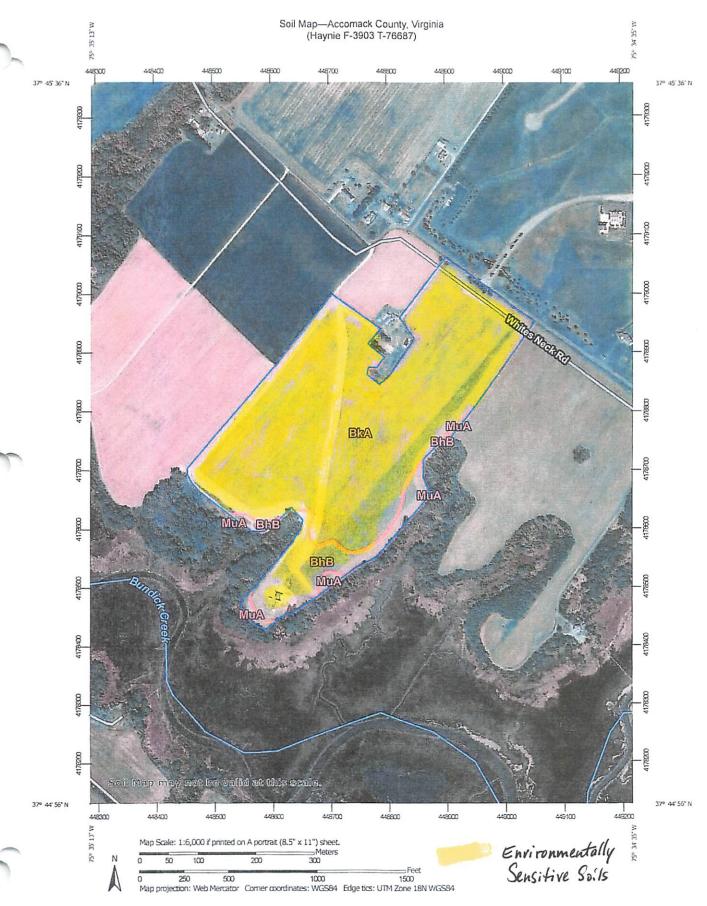
Property Line
Roadway
Application Area

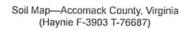
Drainage Ditch



ES Environmentally Sensitive







#### 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**

(0)

Blowout



Borrow Pit Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot







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



Spoil Area



Stony Spot



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 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
BhB	Bojac loamy sand, 2 to 6 percent slopes	5.0	11.9%
BkA	Bojac sandy loam, 0 to 2 percent slopes	35.8	86.2%
MuA	Munden sandy loam, 0 to 2 percent slopes	0.8	1.9%
Totals for Area of Interest		41.6	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: BhB-Bojac loamy sand, 2 to 6 percent slopes

Component: Bojac (90%)

The Bojac component makes up 90 percent of the map unit. Slopes are 2 to 6 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 low. 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 2e. This soil does not meet hydric criteria.



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.

#### **Data Source Information**

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



# AccoMap Accomack County's Mapping Web Site

Legend

Rough

the sta Route 13

Parcels

Owner: Lynwood Lewis

Field 1 & 2

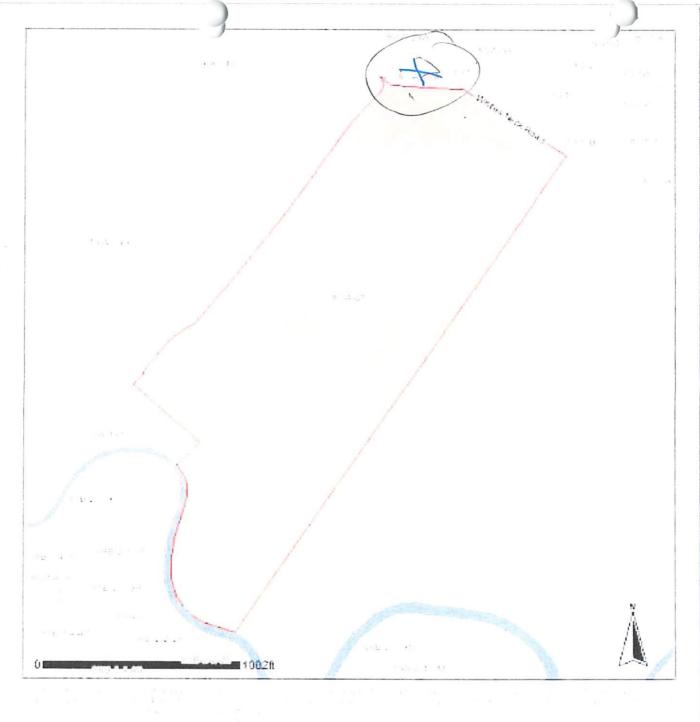
Operator: Barry Lane

Map Page: 80

Parcel 80-A-25

Whites Neck Rd

F 5164 T76687



## VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	PART D.VI. I AND A	DDI ICATION ACCESS		AT MIND DIOSOFIDS
	A This land and in the	APPLICATION AGREEMEN	NT - BIOSOLIDS AND II	DUSTRIAL RESIDUALS
	illulvidual parcels identified	in writing by either party or, w sale of one or more parcels, in	ferred to here as the "Perm vith respect to those parcels until ownership of all parcel	ittee". This agreement remains that are retained by the schanges. If ownership of
	longer be authorized to rece	sale of one or more parcels, in this agreement changes, the ive biosolids or industrial resident	ose parcels for which owner fuals under this agreement	rship has changed will no
	The Landowner is the owner agricultural or re	of record of the real property	Accorde 1	Virginia, which includes the on the tax map(s) with county
	Table 1.: Parcels autho	vners, attached as Exhibit A.		on the tax map(s) with county
	Tax Parcel ID	rized to receive biosolids, w		or other industrial sludges
17668		Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
1.1000	100 17 23		No. of the Control of	
1	Additional name			
	Additional parcels containing Land.  Check one:   The La	Application Sites are identified on Sup	pplement A (check if applicable)	
		ndowner is the sole owner and owner is one of multiple	of the properties identifie	d herein.
	In the event that the Landows	or solle and a second	owners or the properties	
	In the event that the Landown within 38 months of the latest  1. Notify the purchaser of the latest	date of biosolids application.	of the property to which big	osolids have been applied
	than the date of the n	roporty transfer ee of the applicable	public access and crop ma	nagement restrictions no later
30	2. Notify the Permittee of	f the sale within two weeks for	lowing property transfer	
	THE Landowner has no other.	MANAGE C		sole The Land
	application or any part of this	agreement becomes invalid or	the information harris are	available to the Permittee for
	The Landowner hereby grants agricultural sites identified about	permission to the Permittee to	o land apply residuals as s	called becomes incorrect.
	inspections on the land identify	od shave best	office also grants permiss	ION for DEO staff to conduct
	purpose of determining compli	ance with regulatory requirem	ter land application of pements applicable to such applicable to such applicable to such applications.	ilted residuals for the
	Class B biosolids ☐ Yes ☐ No ☐ Yes	eatment residuals Food p		r industrial studges
	Printed name	ا المتعنى Mailing Address ما المتعنى		
	Ву:	Alcama	UA 2334	vner Signature
,	Titles	Phone No. 757	362 - 222	when   3
An	certify that I have authority to	sign for the landowner as indicated	L V	
	* I certify that I am a responsible municipality, state or federal agency	official [or officer] authorized to act	on behalf of the corporation, par	Power of attorney, etc.
	Permittee:	, etc.	, , , , , ,	The lamp, proprietorship, e.e.,
	Tyson Foods the Por	mittee agrees to apply bisself-		
п	nanner authorized by the VPA Per llan prepared for each land applica	mittee, agrees to apply biosolids mit Regulation and in amounts no	and/or industrial residuals on of to exceed the rates identified	the Landowner's land in the
T	he Permittee sorees to notify the	and	2000 dance with 910.1-104.2	of the Code of Virginia,
s	he Permittee agrees to notify the pecifically prior to any particular ap Printed name	oplication to the Landowner's land	esignee of the proposed sche J. Notice shall include the sou	dule for land application and
	Kercia To 1/2	I Maning Address P.	. Kay X Permittee	- Authorized Representative
	Title Complex Manager	Phone No. 252	VA 23442 Signature	1-0
	The manager	Phone No. 757-5	124-3471 Re	-1-/0
			1	( )

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

Permittee: Tyson Foods	County or City:	Accumack	Counter
Landowner: Lynwood Leuis		- The state of the	)

#### 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 blosolids 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

- 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;
- 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

Rev 6/11/2018b

Date

Page 2 of 2

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

Permittee:

Rev 6/11/2018b

Tyson Foods

#### 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.

County or City: Acc	omack C	ountu	
Please Print			(Landowner signatures are not required on this page
Tax Parcel ID(s	)		Landowner(s)
80-A-25		Lynwood	Lewis
		,	

Page \_\_\_of\_\_\_

#### **Accomack County, Virginia**



Farm 5165 Tract 6303

Imagery Source: USDA National Agriculture Imagery Program (NAIP) Acquisition Year - 2021

2022 Program Year

Map Created May 11, 2022

#### **Common Land Unit**

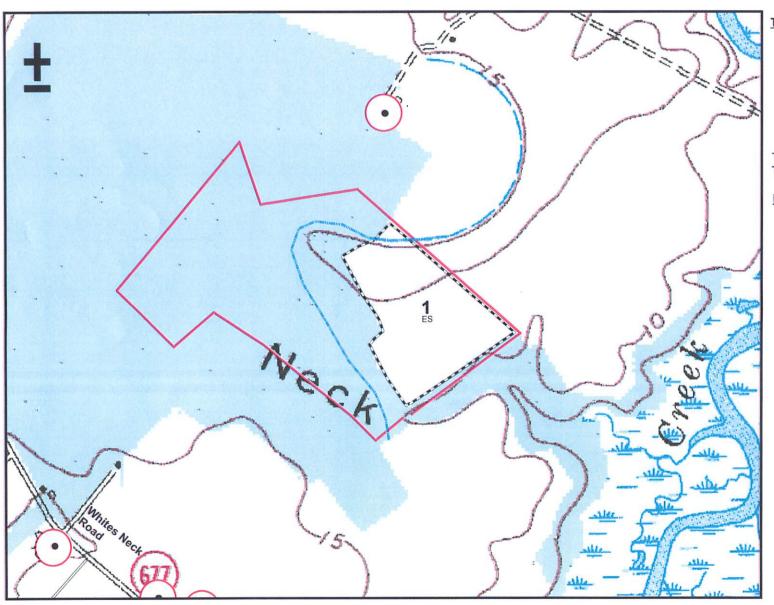
Cropland
Tract Boundary
rcl\_l\_va001

#### Wetland Determination Identifiers

- Restricted Use
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 15.30 acres

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).



#### TOPOGRAPHIC/OPERATIONAL MAP

Operator: Richard Haynie Owner: Lisa & Lynwood Lewis Whites Neck Road Accomack County, Virginia

> FSA # 5165 Tract # 6303

Total Field Acres
Total Application Acres

-

15.3 Acres 13.8 Acres

Field Field Acres Application Acres

15.3 13.8

Approximate Scale: 1:5,031

USGS Topographic Map Bloxom, VA Quadrangle 7.5 Series1979

#### **Buffer Legend**

Property Line

Roadway

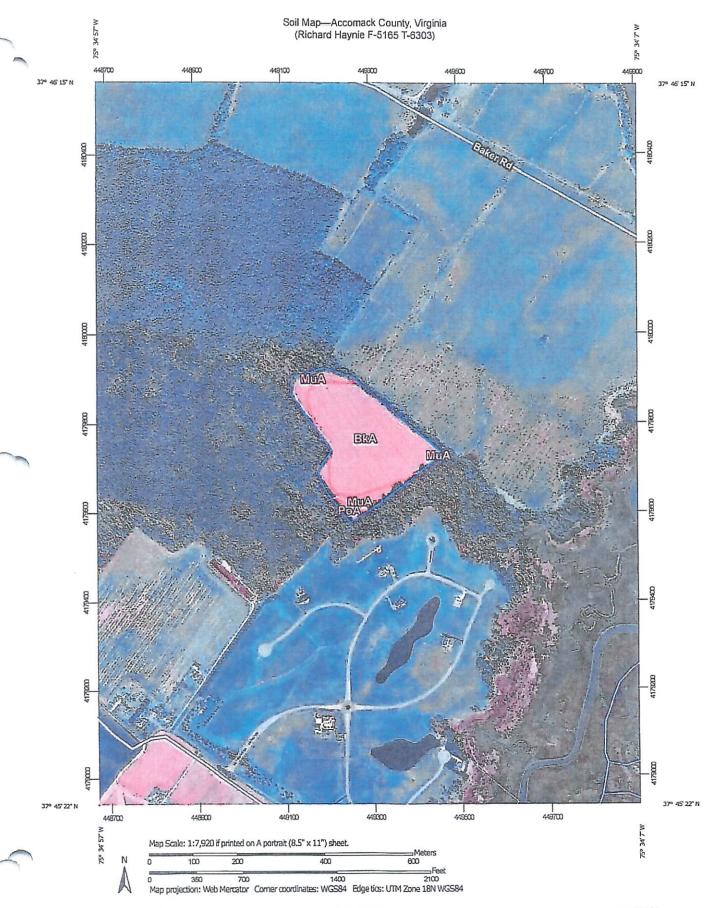
Application Area

Drainage Ditch

Occupied Dwelling

Environmentally Sensitive

In Field Buffer



MAP LEGEND

#### Special Line Features Very Stony Spot Stony Spot Spoil Area Wet Spot Other Water Features Soil Map Unit Polygons Area of Interest (AOI) Soil Map Unit Points Soil Map Unit Lines Special Point Features Area of Interest (AOI) Blowout Soils

Streams and Canals Transportation

Borrow Pit

Clay Spot

Closed Depression

Major Roads

**Gravelly Spot** 

**Gravel Pit** 

Aerial Photography

Marsh or swamp

-1

Lava Flow

Landfill

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot Sandy Spot Severely Eroded Spot

Slide or Slip Sodic Spot

Sinkhole

## Interstate Highways **US Routes** Rails ‡

Background

Local Roads

# 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 Coordinate System: Web Mercator (EPSG:3857) Web Soil Survey URL:

distance and area. A projection that preserves area, such as the Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts 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 Survey Area Data: 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

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	11.8	77.4
MuA	Munden sandy loam, 0 to 2 percent slopes	3.0	19.89
PoA	Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded	0.4	2.89
Totals for Area of Interest		15.2	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: 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

## Accomack County, Virginia

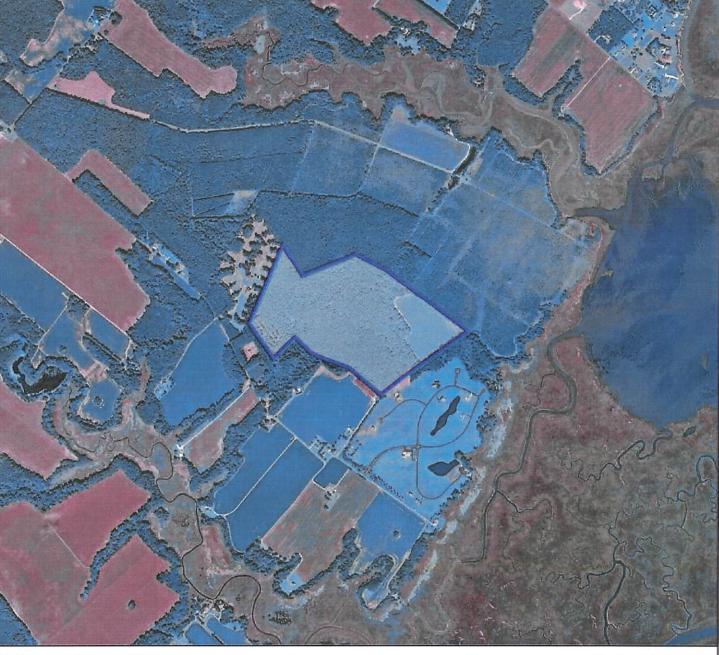
#### Legend

Parcels

Owner's Name LEWIS,LYNWOOD W JR & LISA LEWIS Mailing Address 28462 WHITES NECK RD PARKSLEY, VA 23421-3079

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

0 500 1000 1500 2000 1:18,056 / 1"=1,505 Feet



Title: F-5165 T-6303 Date: 1/19/2023

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.

Hel

## VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

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Signature	CHEE AN 13	Jemperancevil		100/lor	hevin	7
Permittee- Authorized Representative	8 708.0	Malling Address P		,	Printed name	
ed schedule for land application and the source of residuals to be applied.	designee of the propos nd. Molice shall include	r the Landowner's la	application to l	or to any particular	pecifically pric	s
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## VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: _	Tyson Foods	County or City: _	Accomante	County
Landowner:	Lynnsod Le	is this Lewis		- nay

#### 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

- 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.
- 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;
- 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 kllograms/hectare).

Landowner's Signature Rev 6/11/2018b Date

Page 2 of 2

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

Tyson Foods

Permittee:

Rev 6/11/2018b

#### 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.

County or City: Accomacy	Courty
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Rev 6/11/2016b

Page 1 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT
Permittee: Tyson Foods  County or City: Accornack County  Landowner: Lisa Lewis
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.
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I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

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the site during this same period of time unless adequate provisions are made to prevent public
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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.

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  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).
and a pour data acre (0.3 kilograms mediate).

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: Lecomack	County	•
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Rev 6/11/2018b





United States Department of Agriculture Farm Service Agency

Farm: 3576 Tract: 77133 Accomack County

us 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 22, 2019





Property Line 50 Buffer Application Area

Field

Property Boundary

Stream Roads

Stream 35 ft Buffer

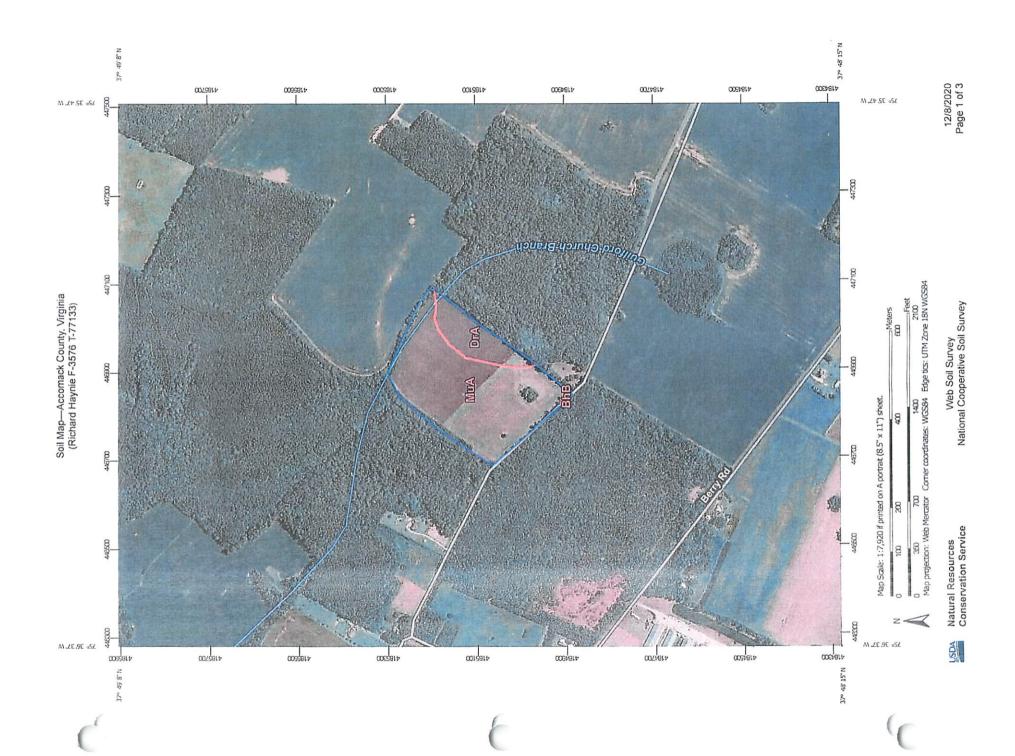
Farms: 3576 Tract: 77133

1 inch = 208 feet

Accomack County, Virginia

Total Field Acres: Total Application Acres: Field 2: 20.8 Field 2: 16.84











#### Soil Map—Accomack County, Virginia (Richard Haynie F-3576 T-77133)

#### MAP LEGEND

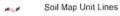
#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

100

Soil Map Unit Polygons



Soil Map Unit Points

#### Special Point Features

(c) Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

A Lava Flow

...... Marsh or swamp

A Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

#### Spoil Area

Stony Spot

Stury Spt

Very Stony Spot

Wet Spot

Other

Special Line Features

#### Water Features

Streams and Canals

#### Transportation

+++

Rails

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Interstate Highways

pringer

US Routes

Major Roads

Local 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
BhB	Bojac loamy sand, 2 to 6 percent slopes	0.1	0.5%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	3.8	17.8%
MuA	Munden sandy loam, 0 to 2 percent slopes	17.6	81.7%
Totals for Area of Interest		21.5	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.

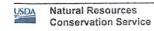
#### Report—Map Unit Description (Brief, Generated)

#### Accomack County, Virginia

Map Unit: BhB-Bojac loamy sand, 2 to 6 percent slopes

Component: Bojac (90%)

The Bojac component makes up 90 percent of the map unit. Slopes are 2 to 6 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 low. 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 2e. 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.

#### **Data Source Information**

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

## Accomack County, Virginia

#### Legend

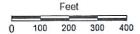
Tax Parcels 69-17-1, 69-17-2

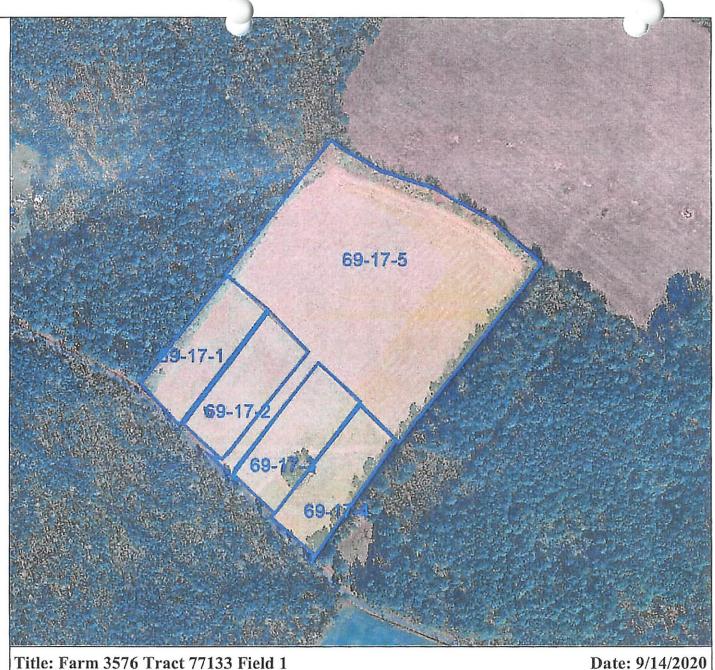
69-17-3, 69-17-4, 69-17-5

Owner: Lisa Lewis

Operator: Richard Haynie

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





Title: Farm 3576 Tract 77133 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 County is not responsible for its accuracy or how current it may be.

#### Accomack County, Virginia





Farm 3909 Tract 77289

2023 Program Year

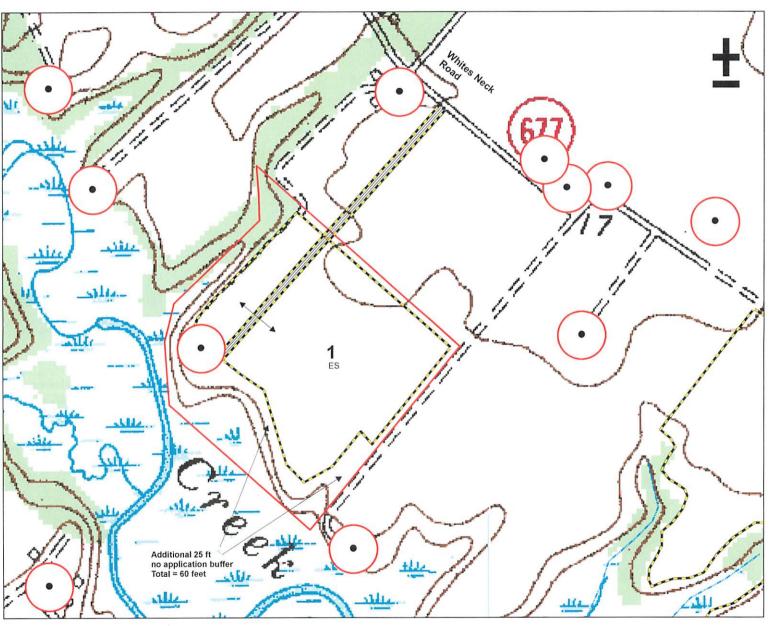
Map Created June 27, 2023

## Wetland Determination Identifiers

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

Tract Cropland Total: 24.00 acres

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).



#### TOPOGRAPHIC/OPERATIONAL MAP

Operator: Barry Lane Owner: Teresa Lewis Whites Neck Road Accomack County, Virginia

> FSA # 3909 Tract # 77289

Total Field Acres: 26.8 Acres
Total Application Acres: 22.6 Acres

Field Field Acres Application Acres
1 26.8 22.6

24

Approximate Scale: 1:3,607

USGS Topographic Map Bloxom, VA Quadrangle USGS 7.5 Series PR 1979

#### Buffer Legend

Property Line

Roadway

Application Area

Drainage Ditch

Occupied Dwelling

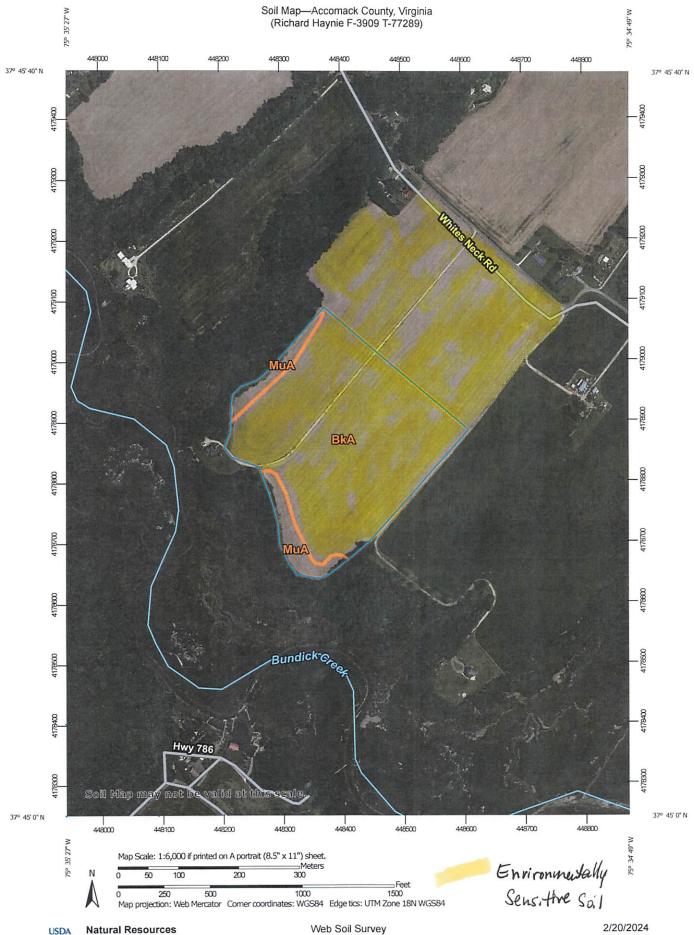
S Environmentally Sensitive



Farm Pond



In Field Buffer



### 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 X

\*

Clay Spot

Closed Depression

Gravel Pit 00

Gravelly Spot

0

Landfill Lava Flow



Marsh or swamp



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



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

+++

Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



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 19, Aug 25, 2023

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

Date(s) aerial images were photographed: May 21, 2022—Jul 4, 2022

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	21.5	88.5%
MuA	Munden sandy loam, 0 to 2 percent slopes	2.8	11.5%
Totals for Area of Interest		24.2	100.0%



# AccoMap Accomack County's Mapping Web Site

### Legend.

Roads

Roads
 Route 13

Parcels

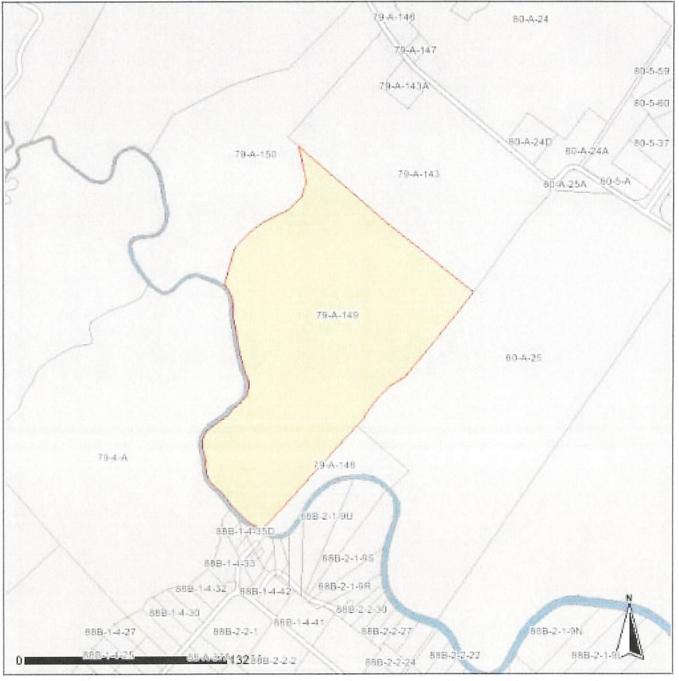
Owner: Theresa Lewis Field 1

Operator: Barry Lane

Map Page 79

Parcel: 79-A-149

Whites Neck Rd



62/28/2009 - DISCLAIMER. This data is provided without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of inerchandability and fitness for a particular purpose. Any person, firm or corporation which uses this map or any of the enclosed information assumes all risk for the inaccuracy thereof, as According County expressly disclaims any hability for loss or durange arising from the use of said information by any third party.

http://accompok.maps.brect.net

## VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

		The state of the bar is	MOMICIPAL EFFLI	JEN I AND BIOSOLIDS	
	PART D-VI: LAND APPLIC	CATION AGREEMEN	IT - BIOSOLIDS AN	D INDUSTRIAL RESIDUALS	
	A. This land application agreement here as "Landowner", andI ySOI in effect until it is terminated in writ Landowner in the event of a sale oindividual parcels identified in this alonger be authorized to receive bio	is made on 12 7 rel	between	referred to remittee". This agreement remainded by the process changes. If ownership of	
	Landowner:		dels dilder this agreen	ient.	
	The Landowner is the owner of recagricultural, silvicultural or reclamat documentation identifying owners,	ion sites identified belo attached as Exhibit A.	w in Table 1 and identi	Virginia, which includes t fied on the tax map(s) with count	
	Table 1.: Parcels authorized to	o receive biosolids, w	ater treatment residu	ials or other industrial about	- Contraction
	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID		-
1.	69-17-1	09-17-4		Tax Parcel ID	
1153	69-17-2	,9-17-5	79-17-149	777299	
1110	49-17-3	80-A-22 TO	7-2		
	Additional parcels containing Land Applicati	on Sites are identified on Sur	303		
	the Landowr	er is the sole owner.	of 4b = 1' 1 1		(T77200)
	/	io, io one of multiple	JWHEIS OF THE Dropper	tion identified benefit	-22)
	within 38 months of the latest date	s or transfers all or part f blosolids application, feree of the applicable	of the property to which he Landowner shall: public access and crop	h biosolids have been applied  management restrictions no late	
	I De Landowner has no other garage				
-	The Landowner has no other agreem notify the Permittee immediately if coapplication or any part of this agreem.  The Landowner hereby grants are to be a second to the landowner hereby grants.	ent becomes invalid or	the information herein	ager available to the Permittee for	г
i F	The Landowner hereby grants permit agricultural sites identified above and inspections on the land identified abourpose of determining compliance was B biosolids Water treatment ☐ Yes ☑ No ☐ Yes ☑ No	ssion to the Permittee to lin Exhibit A. The Land we, before, during or af rith regulatory requirem residuals Food to	o land apply residuals a downer also grants per ter land application of p ents applicable to such rocessing waste	as specified below, on the mission for DEQ staff to conduct permitted residuals for the application.  Other industrial studges	
Γ	Printed name	22,165	□ No	☐ Yes ☑No	
	LISA (RW) > By: Title* (OWNER)	Phone No. 101	Ksley VA	andowner Signature .	
	Li certify that I have authority to sign for	the landowner as indicated	by my title as Evanutar To	/ jou (/) w/	
	I certify that I am a responsible official [municipality, state or federal agency, etc.	or officer] authorized to act	on behalf of the corporatio	n, partnership, proprietorship, LC	
				, the state of the	
	ermittee: Tyson Foods , the Permittee.	agrees to apply biosolide	and/or industrial	s on the Landowner's land in the	
m pl	anner authorized by the VPA Permit Reg an prepared for each land application fie	gulation and in amounts n	of to exceed the rates ide	s on the Landowner's land in the	
T	e Permittee agrees to notify the Landau	, , ,	accordance with 910.1-10	04.2 of the Code of Virginia.	
sp	ecifically prior to any particular application rinted name		- , rough strong the file	schedule for land application and a source of residuals to be applied	
	V /	Widning Address	Perr	nittee- Authorized Representative	
T	nevin laylor	Temperanceville	1 VA 23442 Sign	ature	
	umpies manager	Phone No. 257- 2	124-3471	30-17/0	

Permittee: Tyson Foods	County or City	Accomack	Country
Landowner: Lisa Lewis	or only	· / · Cc	Cocrity

### 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

- 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.
- 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;
- 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 Date

Rev 6/11/2018b

Permittee: Tyson Foods

Rev 6/11/2018b

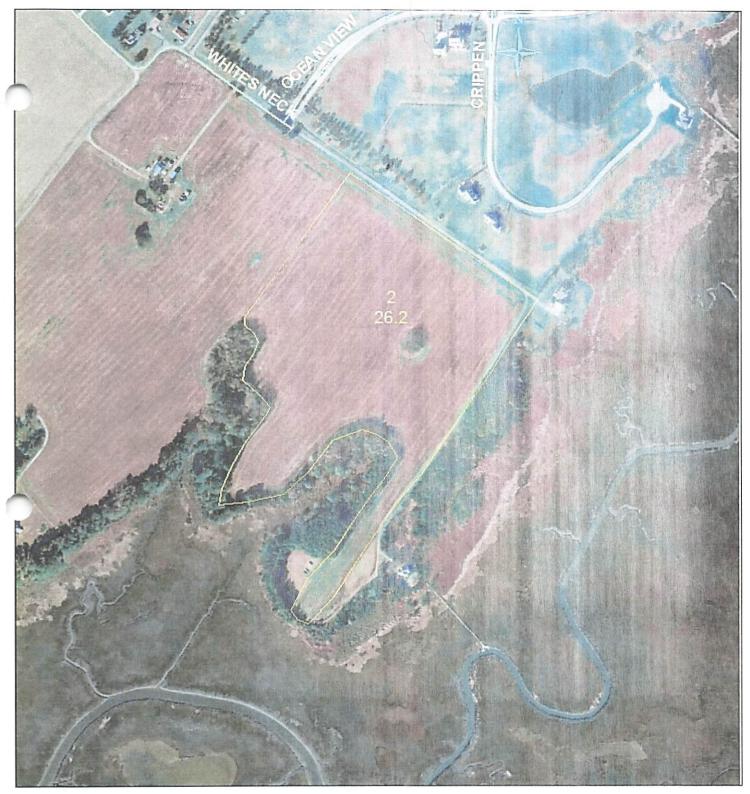
### Landowner Coordination Form

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.

County or City: Decomack	County
Please Print	(Lendowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
69-17-1	Lisa Leuis
69-17-2	
49-17-3	
69-17-4	
69-17-5	
80-A-22	11 2. + Lynwood Lewis

Page of





United States Department of Agriculture Farm Service Agency

Farm: 3577 Tract: 76686 **Accomack County** 

1:4,800

is claimer: 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 22, 2019

Haynie





Application Area
Parcel Boundary

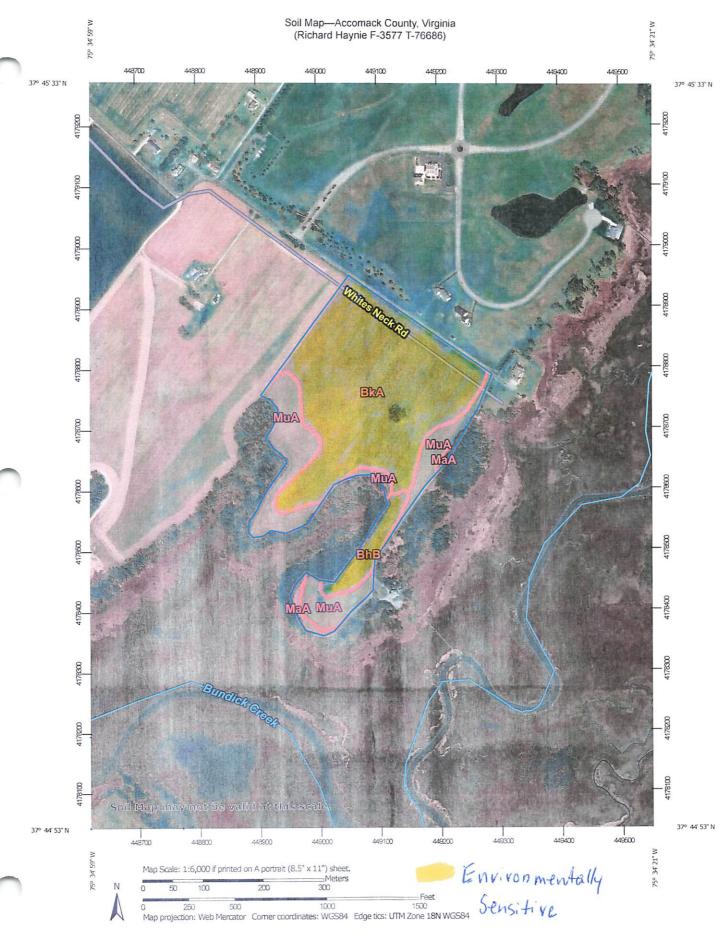
Roads

Farm: 3577 Tract: 76686 Total Field Acres: Field 2: 26.2 Total Application Acres: Field 2: 23



Accomack County, Virginia





### 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

(0)

Blowout



Borrow Pit Clay Spot





Closed Depression



Gravel Pit



Gravelly Spot Landfill



Lava Flow



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

Spoil Area Stony Spot



Very Stony Spot



Wet Spot



Other Special Line Features

Water Features

Streams and Canals

### Transportation

Rails



Interstate Highways



US Routes

Local Roads



### Background



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
BhB	Bojac loamy sand, 2 to 6 percent slopes	1.7	6.1%
BkA	Bojac sandy loam, 0 to 2 percent slopes	18.1	66.7%
MaA	Magotha fine sandy loam, 0 to 2 percent slopes, frequently flooded	0.5	1.7%
MuA	Munden sandy loam, 0 to 2 percent slopes	6.9	25.5%
Totals for Area of Interest		27.1	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: BhB—Bojac loamy sand, 2 to 6 percent slopes

Component: Bojac (90%)

The Bojac component makes up 90 percent of the map unit. Slopes are 2 to 6 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 low. 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 2e. This soil does not meet hydric criteria.

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: MaA—Magotha fine sandy loam, 0 to 2 percent slopes, frequently flooded

Component: Magotha (85%)

The Magotha component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on salt marshes 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 moderate. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 8w. This soil meets hydric criteria. The soil has a strongly saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 57 within 30 inches of the soil surface.

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.

### **Data Source Information**

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

## Accomack County, Virginia

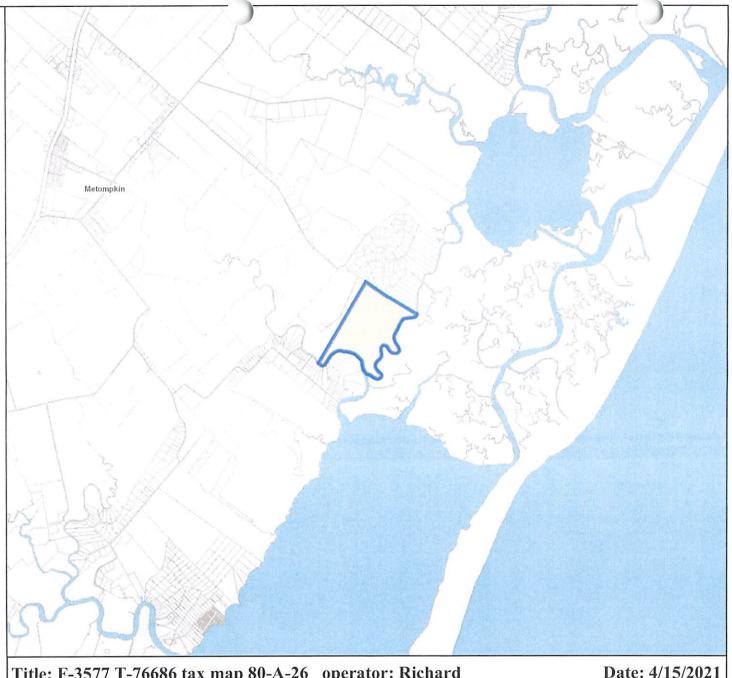
Legend

Owner's Name EDWARDS.RAYMON D W SUCC TR C/O ALEXANDER BOYD Mailing Address 9902 KINGSBRIDGE RD HENRICO, VA 23238-5714

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

Feet

0 800 1600 2400 3200 1:36,112 / 1"=3,009 Feet



Title: F-3577 T-76686 tax map 80-A-26 operator: Richard

DISCLAMER: 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

A. This land application agreement is made on here as "Landowner", and Tyson Foods referred to here as the "Permittee". This agreement rein 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 record of the real property located in Accord Virginia, which include agricultural, slivicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with condocumentation identifying owners, attached as Exhibit A.  Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludged to the condocumentation of the receive biosolids, water treatment residuals or other industrial sludged to the condocumentation of the receive biosolids, water treatment residuals or other industrial sludged to the condocumentation of the receive biosolids, water treatment residuals or other industrial sludged to the condocumentation in the condocumentation in the condocumentation industrial sludged to the condocumentation in the condocumentation industrial sludged to receive biosolids, water treatment residuals or other industrial sludged to the condocumentation industrial sludged to the condocumentation industrial sludged to the condocumentation industrial sludged to receive biosolids, water treatment residuals or other industrial sludged to the condocumentation industri	to mair of es th unty
The Landowner is the owner of record of the real property located in Accordac Virginia, which include agricultural, slivicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with condocumentation identifying owners, attached as Exhibit A.  Table 1.: Parcels authorized to receive biosoilds, water treatment residuals or other industrial sludged Tax Parcel ID Tax Parcel	unty
Tax Parcel ID Tax Parcel ID Tax Parcel ID Tax Parcel ID	ges
Tax Parcel ID	
0800014600002600	-
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Additional parcels containing Land Application Sites are identified on Supplement A (check 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.	
within 38 months of the latest date of blosolids application, the Landowner shall:  1. Notify the purchaser or transferee of the applicable public access and crop management restrictions not 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 the sale within two weeks.	later
application or any part of this agreement becomes invalid or the information herein contained becomes incorrect	e for
The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to condulate the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.	
☐ Yes ☐ No	
Printed name Rando Ph P. Brown  By: Alexander Bord  Title* Successor trustee  Phone No. 84-356-1822  *** Certify that I have authority to sign for the landowner as indicated by my title as Executor, Trustee or Power of attorney, etc.  Title* 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.	
- Grief Care	
Permittee: 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.	
Mailing Address P.O. Roy 8 Permittee: Authorized Representative	4
Levin laylor Temperanceville, VA 23442 Signature	d.
Title Complex Manager Phone No. 757-824-3471 Le 1/	d.

Permittee: Tyson Foods

County or City: Accomac

Landowner: Randolph P. Bram

### 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 blosolids 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 fand 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.
- 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 aerosois;
- c. Turf grown on land where blosolids are applied shall not be harvested for one year after application of blosolids 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.
- Other food crops and fiber crops shall not be harvested for 30 days after the application of blosolids;
- 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 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

### 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 Goordination Form.

Permittee: Tyson Foods					
County or City: Accomac					
Please Print			(Landowner sid	gnatures are not required	on this name
Tax Parcel ID(s)		Management and	Landown	er(s)	
08000 A 000002600	Randolph	P.	Brown	SUCCESSON	fuste
					Market and the second
					***
				·	
The state of the s				·	

Rev 6/11/2018b

Page \_\_of\_\_