Accomack County, Virginia



Farm 4774 Tract 7525

2023 Program Year

Map Created June 27, 2023

Wetland Determination Identifiers

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

Tract Cropland Total: 28.20 acres

23.4

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).

Accomack County, Virginia



Farm 4847 **Tract 7493**

2023 Program Year

Map Created June 27, 2023

Wetland Determination Identifiers

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

Tract Cropland Total: 32.00 acres

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M E

Total Application Acres: Field 1: 19.6

Field 1: 19.6 Field 1: 22.68 Field 2: 2.25 Total Field Acres: Feld 1: 28.2 Field 1: 28.5 Field 2: 3.5 Farm: 4774, 4847 Tract: 7525, 7493



1997 008 000 027 1991 E8E = rlani f Revell

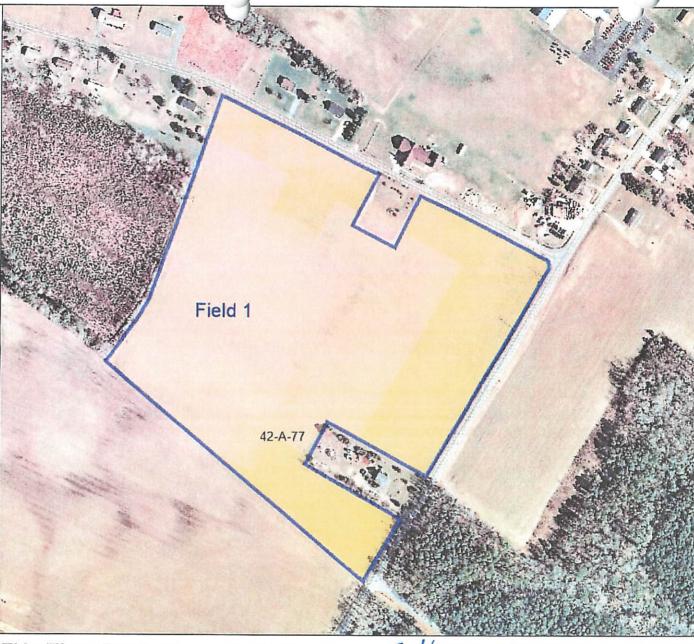
Legend

Tax Parcel #/Owner:

42-A-77:

Kenneth Thomas and Luanne

Thomas Eagler



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

Feet

0 100 200 300 400 1:4,514 / 1"=376 Feet Title: Wayne Revell - Thomas Field 1 Tax Map

F 4774 T7525 Date: 9/26/2016

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.

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

-	PART D-VI: LAND /	APPLICAT	NON AGREEME	NT - BIOGOLIO	C 4810 Min	USTRIAĻ RĘSIDUALS
	A. This land application agr			WI - BIOSOLID	S AND IND	USTRIAL RESIDUALS
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	tonger be authorized to rece	eive biosolic	ds or industrial resident	ose parcels for wi	nich owners	nip has changed will no
	Landowner-			and thou	greenen.	4
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	agricultural, silvicultural or re documentation identifying ou			ow in Table 1 and	Identified on	Virginia, which includes the
	Table 1.: Parcels author	rized to re	coive bisselfd.		- Commenter of the Comm	
	Tax Parcel ID	To	ceive biosolids, v	vater treatment i	esiduals or	other industrial sludges
		1 12	x Parcel ID	Tax Parc		Tax Parcel ID
77525	TA IT					
					-	
	Additional parcels containing Land	Application Si	les are identified on Su	polemont A delication	THE PERSONAL PROPERTY.	
	oncur one. I me La	ndowner i	e the cole ause	· · ·		
	The La	ndowner i	s one of multiple	Of the properties	identified	herein.
	In the event that the Landown within 38 months of the latest	er sells or	transfers all or part	of the property to	obernes idi	entified herein.
	within 38 months of the latest 1. Notify the purchaser of	date of bio	solids application,	the Landowner sh	Much Dioso	olids have been applied
	than the date of the m		e or me applicable	public access and	ל בנחת מחחם	gement restrictions no later
	and i chilling 0	i lile sale v	Athin two weeks to	llowing	12	
	notify the Permittee immediate application or any part of this a	ly if conditi	ons change such t	n on the fields ide	entified herei	n. The Landowner will
	application of any part of this a	greement	becomes invalid or	the informati	io longer av	allable to the Permittee for
	The Landowner hereby grants agricultural sites identified abo	permission	to the Permittee to	o land apply resid	unis no ence	is a second successful to the content.
	inspections on the land identification purpose of determining compliance of the complete of th	ance with n	perore, during or af	ter land applicatio	n of permitte	ed residuals for the
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	* I certify that I have authority to a * I certify that I am a responsible of	sign for the la	ndowner as indicated	by my title as Executo	r, Trustee or P	Ower of attorney of
L	*□ I certify that I am a responsible of municipality, state or federal agency,	official [or offi . etc.	cer) authorized to act	on behalf of the corp	oration, partne	rship, proprietorship, tro
F	Permittee:					The production of the producti
	Tyson Foods	miltee agree	e to apply biosolide			
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	The Permittee agrees to antifut	tion field by	a person certified in a	accordance with §1	0.1-104-2 of the	the nutrient management
s	The Permittee agrees to notify the Lipecifically prior to any particular ap	andowner o	r the Landowner's de	signee of the propo	sed schedule	for land application and
	Printed name		Mailing Address P.o		ne me sonice	or residuals to be applied.
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	Title Complex Manager		Phone No. 257- 9	14 23972	1	10/00
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VIRGINIA POLLUTION ABATEMENT PERMIT AGREEMENT	APPLICATION:	PART D-VI LAND	APPLICATION
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Permittee: Tyson Foods County or City: Accomack County
Landowner: Landowner: Landowner Thomas and Luanne Thomas Eggler

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.
- 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 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

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 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.

County or City: A C 60 mac	ck County
	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
42-4-77	Kenneth Thomas and Lucine thomas Eagl
	Change of the Ch

Page ___of___

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

		APPLICATION AGREEMEN	IT DICCOLIDA	NICE INCOME.			
	A This I	A AGILLINE	- PIUSOLIDS	ND INDUSTRIAL RESIDUALS			
	individual parcels identified	d in writing by either party or, w	erred to here as the rith respect to those until ownership of all	"Permittee". This agreement remains parcels that are retained by the parcels changes. If ownership of ownership has changed will no			
	Landowner: The Landowner is the owner agricultural, silvicultural or re	er of record of the real property	Accom	ernent.			
	documentation identifying o	wners, attached as Exhibit A.		numed on the tax map(s) with county			
	Table 1.: Parcels author	prized to receive biosolids, w	ater treatment rec	duals or other industrial sludges			
	Tax Parcel ID	Tax Parcel ID	ti delitient 163	duals of other industrial sludges			
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			The second secon				
	Additional parcels containing Land	A					
	Check one: The La	Application Sites are identified on Sup	plement A (check if appli	cable)			
	Official Office.	andowner in the					
	within 38 months of the lates	the sens of transfers all or part	of the property to wi	lich biosolide have been englist			
	Notify the purchaser	t date of biosolids application, to transferse of the application, to	he Landowner shall:	non prosonus nave been applied			
	than the date of the r	and applicable	public access and c	OD management ractrialisms as 1-1			
	2. Rolly the Permittee	of the sale within two weeks fol	lowing property tee-				
	THE LAHROWNER DOC NO ASS						
	notify the Permittee immediat	ely if conditions change such the	n on the fields identi	fied herein. The Landowner will			
	application of any part of this agreement becomes invalid or the information begin and available to the Permittee for						
	The Landowner hereby grant	permission to the Permittee to	امار المساسمان	ar contained becomes incorrect.			
	Le reconstruct Hereby grants						
	agricultural sites identified ab-	ove and in Exhibit A. The Land	owner also grants o	s as specified below, on the			
	agricultural sites identified abo		ornici aisu diains n	Billission for DEO chaff to conduct			
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VIRGINIA POLLUTION AGREEMENT	ABATEMENT PERMIT	APPLICATION: PAR	RT D-VI LAND APPLICA	TION
	v v			

Permittee: Tyson Foods Country or City: Accomack Country

Landowner: Hynneth Thomas and Luanne Thomas Eagler

Landowner Site Management Requirements:

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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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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.
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 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

11/3/2020

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: - Ceomac	County
Please Print	
Tax Parcel ID(s)	(Landowner signatures are not required on this page Landowner(s)
42-A-77	Kenneth Thomas and Lucine Thomas Eag
THE PERSON NAMED IN COLUMN NAM	
deres variety of	
The same of the sa	

Page ___of__

Accomack County, Virginia

Legend

Road Labels

Town Labels

Parcels

Landowner Information:

Parcel 42-2-B2:

William or Barbara

Lazenby

Parcel 42-2-B: \(\forall \)

Emmett Taylor, Jr Trust

Operator: Wayne Revell



Title: ÆMMAEHÆYYØFField 6 F2347 T7493

9/14/2020

0 100 200 300 400 1:4,800 / 1"=400 Feet DISCLAIMER: This drawing is neither a legally recorded map not 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 the Accomack County is not responsible for its occuracy or how current it may be.

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	PART D-VI: LAND	APPLICATION AGR	EEMENT - BIOSOLIDS	AND INDUS	TOIAL DECIDING	
	A. This land application agr here as "Landowner", and _ in effect until it is terminated Landowner in the event of a individual parcels identified longer be authorized to rece	Tyson Foods I in writing by either particular as ale of one or more particular to the particular than the	between between rty or, with respect to those arcels, until ownership of	he "Permittee". se parcels that a	referred to This agreement remain	h)
	Landowner: The Landowner is the owne agricultural, silvicultural or adocumentation identifying or	r of record of the real p	roperty located in	ack Con	rginie, which includes the tax map(s) with county	ie
	Table 1.: Parcels author					
	Tax Parcel ID	Tax Parcel ID	Tax Parce		Contract of the Contract of th	_
12493	42-2-132		TOXTRIO	5110	Tax Parcel ID	-
						_
	Additional parcels containing Land	Application Sites are identification	ed on Supplement A ()	AND DESCRIPTION OF THE PARTY OF		
	☐ The La	andowner is the sole andowner is one of m	owner of the properties	identified here		
	In the event that the Landow within 38 months of the lates 1. Notify the purchaser than the date of the part of the Permittee of the Landowner has no other notify the Permittee immediate application or any part of this. The Landowner hereby grants agricultural sites identified abore.	or transferee of the approperty transfer; and of the sale within two wagreements for land arely if conditions change agreement becomes in	plicable public access and eeks following property tr oplication on the fields ide a such that the fields are a avalid or the information h	an. I crop managen ansfer. Intified herein. T no longer availa erein contained	The Landowner will ble to the Permittee for becomes incorrect.	
F	nspections on the land identification of determining complete.	ied above, before, duri lance with regulatory re	no dandowner also grant	s permission for	DEO staff to conduct	
_	☐ Yes 💆 No ☐ Yes	eatment residuals B No	Food processing waste XYes	Other indus		
	By:	Mailing Ad	dress	Landowner Sig	nature	
L	Title* OUNEN,	Phone No.		In		
ļ-	*☐ I certify that I have authority to *☐ I certify that I am a responsible	sign for the landowner as i	ndicated by my title as Executo	or, Trustee or Powe	er of attorney, etc.	
L	*□ I certify that I am a responsible municipality, state or federal agenc	y, etc.	ed to act on behalf of the corp	oration, partnershi	p, proprietorship, LLC,	
m pl	an prepared for each land applic	ation field by a person co	piosolids and/or industrial res mounts not to exceed the rate	es identified in the	nutrient management	
Th sp	ne Permittee agrees to notify the pecifically prior to any particular a	Landowner or the Landon	wner's designee of the property land. Notice shall inclu	U.1-104.2 of the C	Code of Virginia,	
P	Printed name	I Mailing Add	ess P.O. Ray S	Permittee- Author	Ized Representative	
T	itle Caralax M	Temporan	ceville, VA 23442	Signature	-0	
<u> </u>	Complex manage	Phone No.	157-824-3471	1 gen/	7(0	
				1	()	

VIRGINIA POLLUTION ABATEMENT PERMIT AGREEMENT	APPLICATION: PART D-VI LAND APPLICATION
Permittee: Tyson Foods	County or City: Accomade County
Landowner: William on Burbaun	Lazenby

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.
- 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 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).

	1	2030
Landowner's Signature	+	Date

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

Tyson Foods

Permittee.

Rev 6/11/2018b

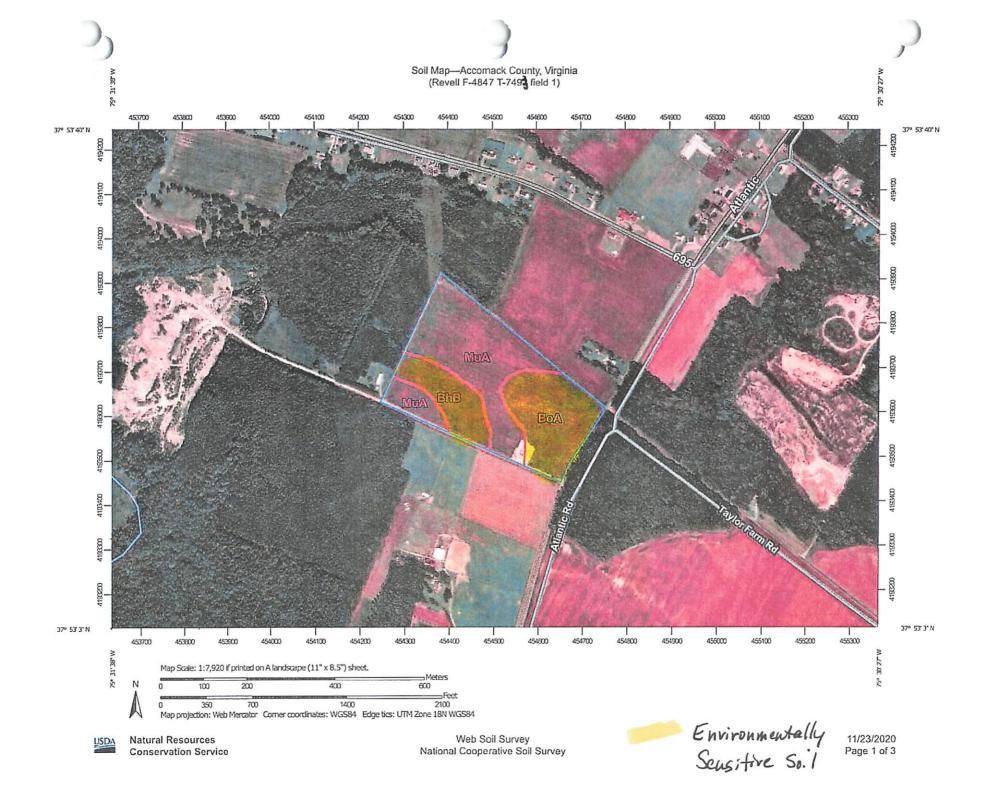
Landowner Coordination Form

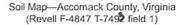
This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached 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: ACCOMACK	County
Please Print	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
42-2-32	William on Barbara Lazzanhy
)

Page ___of___





MAP LEGEND

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines
Soil Map Unit Points

Special Point Features

Area of Interest (AOI)

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- A 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





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
Bh8	Bojac loamy sand, 2 to 6 percent slopes	5.0	17.2%
ВоА	Bojac fine sandy loam, 0 to 2 percent slopes	8.9	30.5%
MuA	Munden sandy loam, 0 to 2 percent slopes	15.2	52.4%
Totals for Area of Interest		29.1	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: BoA—Bojac fine 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.

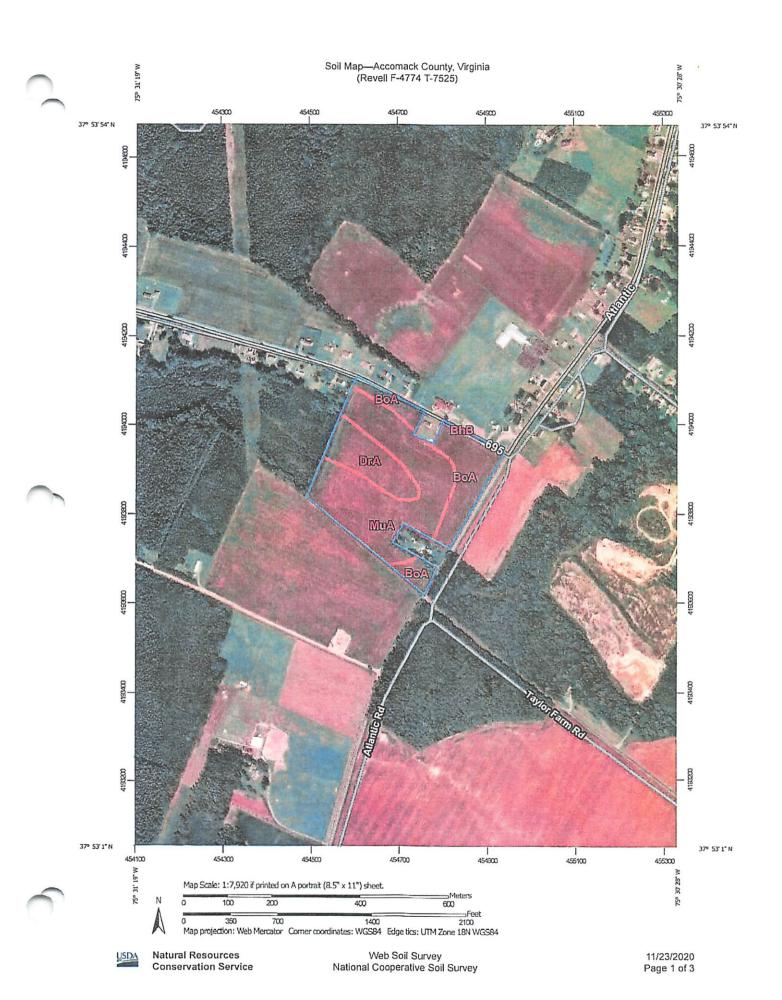
Component: Nimmo (6%)

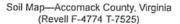
Generated brief soil descriptions are created for major soil components. The Nimmo soil is a minor component.

Data Source Information

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







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

32

Clay Spot

Closed Depression

X

Gravel Pit

Landfill

4.

Gravelly Spot

30.6

Lava Flow

Marsh or swamp

-50-

Mine or Quarry

(6)

Miscellaneous Water
Perennial Water

0

Rock Outcrop

i

Saline Spot Sandy Spot

. .

Severely Eroded Spot

ō.

Sinkhole

.

Sodic Spot

Slide or Slip

33

Spoil Area

Stony Spot

(13)

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.

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.

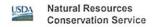
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

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	0.0	0.1%
ВоА	Bojac fine sandy loam, 0 to 2 percent slopes	7.8	28.9%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	4.5	16.7%
MuA	Munden sandy loam, 0 to 2 percent slopes	14.7	54.4%
Totals for Area of Interest		27.0	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: BoA-Bojac fine 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.

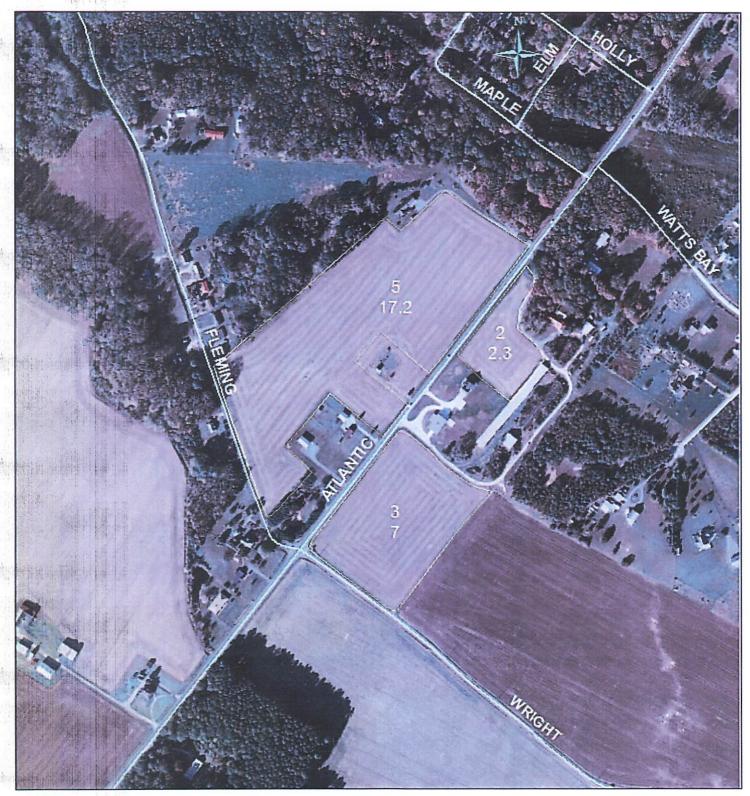
Map Unit: MoB-Molena loamy sand, 0 to 6 percent slopes

Component: Molena (90%)

The Molena component makes up 90 percent of the map unit. Slopes are 0 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 somewhat excessively 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. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Data Source Information

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





United States Department of Agriculture Farm Service Agency

Farm: 112 Tract: 7587 Accomack County 1:4,800 March 20, 2019

Disclaimer: 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.

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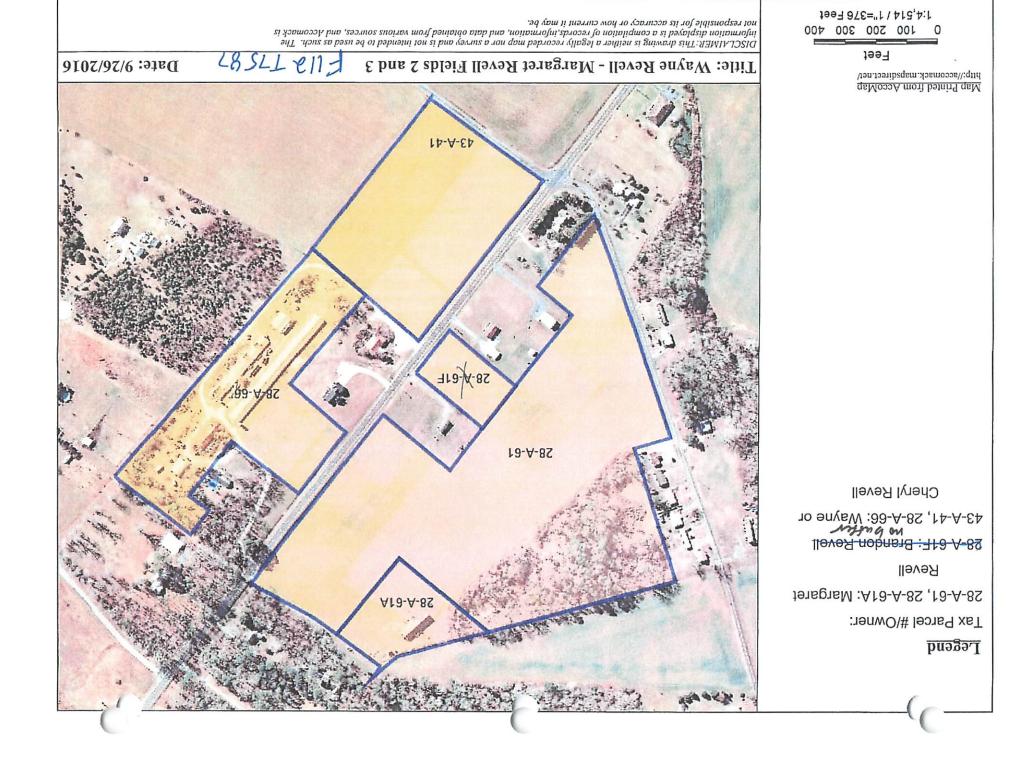


Revell

200 ft Occupied Dwelling Buffer

Ag Ditch 10 ft Buffer

35 ft Stream Buffer Application Area Parcel



VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	DADTOWN			The same same	. magazana () () 3-10,	ID BIOSULIDS
	PART D-VI: LAND A	PPLICATI	ON AGREEME	NT - BIOSOLIDS	AND INDUS	TRIM DECIDING
	A. This land application agreement is made on here as "Landowner", and I yson Foods between Mangacath Residuals 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 Landowner:					This agreement remains
	Landowner:	ive blosofius	of industrial resi	duals under this ag	reement.	
	The Landowner is the owner	of rooms a	E 11.	Loosed Accom	ork Cou	eriku
	agricultural, silvicultural or re documentation identifying ov	clamation si	the real property	located in	, Vir	ginia, which includes the
	documentation identifying ov	mers, attach	ned as Exhibit A	ow in Table 1 and id	dentified on the	tax map(s) with county
	Table 1.: Parcels author	rized to rec	eive biosolids, v	vater treatment re	esiduals or oth	Or in duplied at the
	Tax Parcel ID	Tax	Parcel ID		Siddle Of Oll	ier industrial sludges
•	42-4-14		· drocr iD	Tax Parce	LID	Tax Parcel ID
	20 0					-
1	28-14-61					
1	28-A-61A					
758	Check one: The Lea	Application Site	and it is			177
,	Check one: The La		s are identified on Su	pplement A (check if ap	plicable)	The same of the sa
	The La	ndowner is ndowner is	the sole owner	of the properties owners of the pro	identified here	ein
	In the event that the Landaum	- Idomino 15	one of multiple	owners of the pro	perties identif	fied herein.
	Within 38 months of the latest	data at Li	dialers all or par	or the property to	which hinsolide	have been !! !
	 Notify the purchaser of 	r transferee	of the application,	the Landowner sha	all:	nave been applied
	than the date of the pr	operty trans	sfer; and	public access and	crop managem	nent restrictions no later
	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 Landowser has a sale.					
	application of any part of this agreement becomes invalid or the information to longer available to the Permittee 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 conduct purpose of determining account to conduct purpose of determining account to the land identified above, before, during or after land application of permitted residuals as a specified above.					
	agricultural sites identified abo	ve and in Ex	chibit A. The Lan	downer also grapts	ials as specified	d below, on the
	MODELHOUS OF THE 1984 MARKE	ad at		William Charles	DHUISSIAN TAR	The Contract to
	purpose of determining compli Class B biosolids Water tree	ance with re		Ol Stanoutdia	such application	n
	☐ Yes ☐ No ☐ Yes	atment residu	F000 I	processing waste	Other indust	
	Printed name	BNO	Ø.Yes	□ No	□ Yes	Z No
		. 1.7	Mailing Address		Landowner Sig	
	Margaret Rev.	411			- Januariner Sign	notare
	Title*		Phone No.		Mary 5	Rue.
	*☐ I certify that I have authority to *☐ I certify that I am a responsible	sign for the lar	day			
	* I certify that I am a responsible municipality, state or federal agency	official for offic	arl authorized to	by my title as Executor	r, Trustee or Powe	r of attorney, etc.
	municipality, state or federal agency	, etc.	2017 801/10/1220 10 801	on behalf of the corpo	ration, partnership	p, proprietorship, LLC,
	Permittee:					
	Tyson Foods	mittee, agree	s to apply hipsolide	and/or industrial resi		
	manner authorized by the VPA Per plan prepared for each land applica	mit Regulatio	n and in amounts n	of to exceed the rate	duals on the Lan	downer's land in the
	Ine Permittee spread to notify the			310	2.1-104.2 Of the C	JODE Of Virginia
\$	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 section and					
[Printed name					
	Kevin Taylor				Permittee- Authori Signature	zed Representative
	Title Complex Manager	,	Phone No. 25	104 23942	V -	-1
	The standard		Phone No. 757-	8014-3471	3em/	To
	•				1	

VIRGINIA POLLUTION ABATEMENT PERN AGREEMENT	IIT ADDI ICATIONI	En A mare in a 41 4 3 4 1	
AGREEMENT	III AFFLICATION:	PARI D-VILAND	APPLICATION

Permittee: Tyson Foods Country or City: Accomance Country

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 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 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

M/3/2520

Date

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

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: AccomacK	County	
Tax Parcel ID(s)		(Landowner signatures are not required on this page
		Landowner(s)
42-A-24 28-A-61	Margaret	Revell
28-17-61	J	,
		1

Page __of__

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

Pro-	PART D-VI: LAND	APPLICATION A	GREEME	UT PIOCOLIDO	0.0150 10.150	USTRIAL RESIDUALS	
	A This land and it			VI - BIOSOLIDS	AND IND	USTRIAL RESIDUALS	
	A. This land application agr here as "Landowner", and _	eement is made or	11/2/	DELMEEL	you or	Cheryl Revell	
				ferred to here as the	e "Permitte	e" This agreement rema	ine
	Landowner in the event of a individual parcels identified	sale of one or mo	. , . , .	THE POST OF THE PROPERTY.	e parceis n	21 are retained butter	1112
	Illuiviousi parcels identified	in this serve		on control of the	an parters t	hanges. If ownership of	
	individual parcels identified longer be authorized to rece	ive biosolids or inc	lustrial resid	use parcels for whi	ch ownersh	ip has changed will no	
	l and a			and and this ag	reement.		
	The Landowner is the owne agricultural, silvicultural or re	of record of the re	al property	Incated in Acto	nucle	ounty	
	agricultural, slivicultural or redocumentation identifying ou	clamation sites Ide	entified belo	W in Table 1 and in	dontified on	, Virginia which includes t	he
	documentation identifying ov	vners, attached as	Exhibit A.	- and i	acrimied on	the tax map(s) with count	У
	Table 1.: Parcels autho	rized to receive b	iosolids, v	vater treatment re	ociduals	other industrial sludges	and a con-
	Tax Parcel ID	Toy Dores	LID	The trouble of	ssiduals of	other industrial sludges	í
	43-A-41	Tax Parce	HID	Tax Parce	ID	Tax Parcel ID	Com
75876	75-11-41					and below, may	
	28-A-66			A strange of the state of the s			
	Additional namele containing Land	A	Alberta sint del montenent del				
	Chack one: 17	Application Sites are id	entified on Su	oplement A (check if ap	plicable)	The state of the s	
	oneck one. Ine La	ndowner is the s	مام ماد	- 5 11		perein	
						alla- L.	
	within 38 months of the latest 1. Notify the purchaser	date of biosolids a	pplication,	the Landowner sha	Mulicu piose	olids have been applied	
				public access and	crop mana	gement restrictions no late	2000
	than the date of the p 2. Notify the Permittee of	operty transfer; ar	nd		- P III III	gernera restrictions no late	r
100	The Landounes have at	t the sale within th	o weeks to	llowing property tra	ensfer.		
	The Landowner has no other notify the Permittee immediate	agreements for lan	d application	on on the fields ide	ntified heroi	n Tho Landaura	
	notify the Permittee immediate application or any part of this	Bly if conditions cha	ange such t	hat the fields are n	o longer av	ailable to the Posmittee to	
	application or any part of this	agreement become	es invalid or	the information he	rein contair	ned becomes incorrect	
	The Landowner hereby grants agricultural sites identified abo	permission to the	Permittee t	o land apply residu	ials as enor	offind below the	
	agricultural sites identified abo	ve and in Exhibit A	. The Land	downer also grants	permission	for DEO staff to conduct	
	inspections on the land identification purpose of determining compliance.	ed above, before,	during or at	ter land application	of permitte	ed residuals for the	
	01		,	cura applicable to	such applic	ation.	
	☐ Yes ☐ No ☐ Yes	atment residuals	Food p	rocessing waste		dustrial studges	
	Part Care		LA Yes	□ No	☐ Yes	DINO	
	Printed name WAYN = REVE	Mallin	g Address		Landowno	r Signature	7
	By:				Londonnie	i Signature	
	Title*				11010	0	
	L.	Phone	No.		1000	Cero10	1
	* I certify that I have authority to * I certify that I am a responsible	sign for the landowne	r as indicated	by my title as Executo	r, Trustee or P	ower of attorney, etc.	1
	* I certify that I am a responsible municipality, state or féderal agency	official (or officer) auti	norized to act	on behalf of the corpo	ration, partne	ership, proprietorship, LLC.	1
	Permittee:	7 012.				.,,,	
						-	
	manner authorized by the VPA Par	mit Regulation and	ply biosolids	and/or industrial resi	duals on the	Landowner's land in the	
	plan prepared for each land applica	tion field by a peren	n cortified in	or to exceed the late	s identified in	the nutrient management	
	The Permittee agrees to notify the	and summer settle 1		GOODING WILL ST	J. 1-104.2 OF [ne Code of Virginia.	
				e. Profice Stiall Inchin	sed schedule to the source	of residuals to be applied	
	Printed name	Millipia	Augress P.	2. RAV S	Permittee- Au	thorized Representative	
	Kevin Taylor	Tempo	wanceville	VA 23442	Signature /	monzeu nepresentative	
	Title Complex Manager	Phone N	10. 357- 9	124-3471	yo.	1 000/00	
			70 /- 2	54.71	7		
					1	()	

VIRGINIA POLLUTION ABATEMENT PERMIT APPI AGREEMENT	LICATION: PART D-VI LAND APPLICATION
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Permittee: Tyson Foods County or City: Accomance County

Landowner: Wayne a Chary Revell

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.
- 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;
- 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

| 1 | 2 | 2025

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: ACCO MGCK	
	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
43-14-41	Wingre or Chery/ Revell
28-A-66	ι,
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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



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

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.

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	5.3	19.1%
BoA	Bojac fine sandy loam, 0 to 2 percent slopes	19.1	68.3%
MaA	Magotha fine sandy loam, 0 to 2 percent slopes, frequently flooded	3.5	12.5%
Мов	Molena loamy sand, 0 to 6 percent slopes	0.0	0.1%
Totals for Area of Interest		28.0	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.

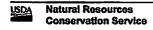
Report—Map Unit Description (Brief, Generated)

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: BoA-Bojac fine 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

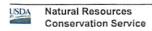
Component: Magotha (85%)

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: MoB-Molena loamy sand, 0 to 6 percent slopes

Component: Molena (90%)

The Molena component makes up 90 percent of the map unit. Slopes are 0 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 somewhat excessively 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. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.



Data Source Information

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





USDA

United States Department of Agriculture Farm Service Agency

Farm: 3490 Tract: 77105 **Accomack County**

1:4,800

March 22, 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.



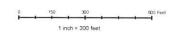
Application Area 200 ft Occupied Dwelling Buffer 50 ft Property Buffer

Farm: 3490 **Tract: 77105**

Field 3: 40.5

Field 3: 32.09





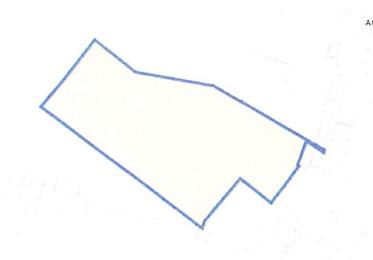
Accomack County, Virginia

Legend

Tax Map: 42-A-90

Landowner: Brandon Mark

Stapleton



Title: Formerly Brittingham now Stapleton field 1

Feet

0 500 1000 1500 2000

Map Printed from AccoMap

http://accomack.mapsdirect.net/

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

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Page 1 of 2

Rev 6/11/2018b

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

Permittee: Tyson Foods County or City: Accomack

Landowner: Brandon Staple for

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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3. Crop Restrictions:

- 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.
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- 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
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- 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).

Vandowner's Signature Date

Rev 6/11/2018b

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

Tyson Foods

Permittee:

Rev 6/11/2018b

Landowner Coordination Form

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County or City: Accomack	
Please Print	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
42-A-90	Porandon Stapleton

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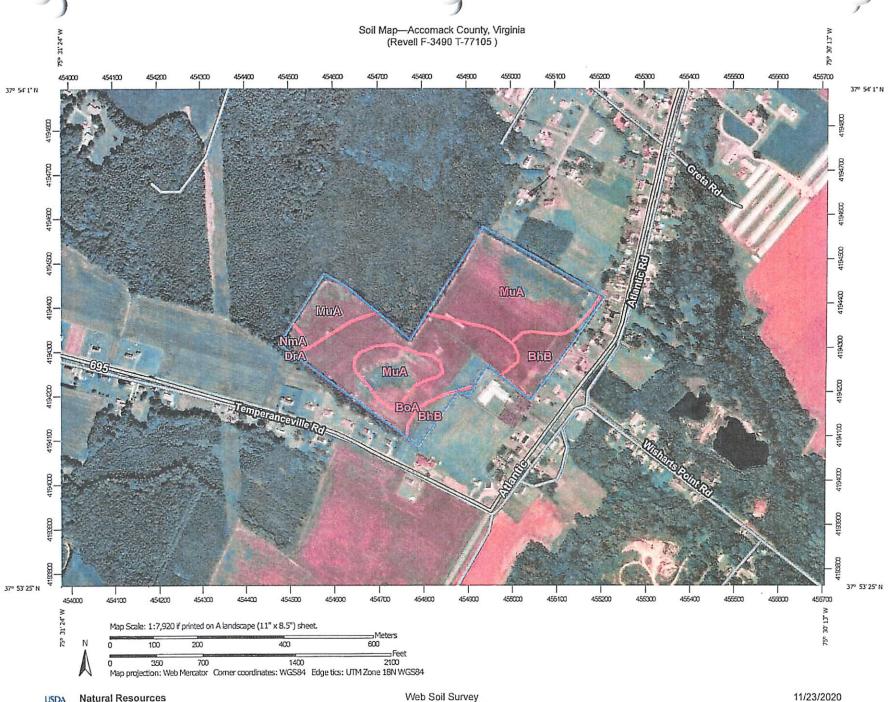
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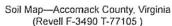
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CONTRACTOR OF THE PROPERTY

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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

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.

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 toamy sand, 2 to 6 percent stopes	5.2	12.5%
BoA	Bojac fine sandy loam, 0 to 2 percent slopes	13,8	33.5%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	0.0	0.0%
MuA	Munden sandy loam, 0 to 2 percent slopes	21.7	52.5%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	0.6	1.5%
Totals for Area of Interest		41.2	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: 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: BoA-Bojac fine 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

