Farm Acreage Summary

Operator: Wayne Revell

Location: Accomack

					Acre	age	Environmentally
Landowner	Site	Latitude	Longitude	Field	Total	Usable	Sensitive Soils
Alula Marshall Trust Richard Marshall	F-108 T-7579	N37° 54' 78"	W75° 30' 81"	1	37.7	31.32	YES
Margaret Revell Stevens	F-112 T-7586	N37° 54' 69"	W75° 31' 08"	2, 3	42.6	31.16	YES
Alula Marshall	F-108 T-7580	N37° 54' 06"	W75° 29' 93"	1	22.4	17.87	YES
Kenneth Thomas Luanne T. Eagler	F-4774 T-7525	N37° 53' 32"	W75° 30' 67"	1	28.2	19.6	YES
William Lazenby	F-4847 T-7493	N37° 53' 26"	W75° 30' 75"	1	28.5	22.68	YES
Margaret Revell Wayne Revell	F-112 T-7587	N37° 54' 88"	W75° 29' 53"	2, 3, 5	26.5	14.27	YES
Brandon Stapleton	F-3490 T-77105	N37° 53' 62"	W75° 30' 71"	3	40.5	32.09	YES

Total: 226.4 169.43





Farm 112 Tract 7586

2023 Program Year

Map Created June 27, 2023

Wetland Determination Identifiers

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

Tract Cropland Total: 42.60 acres

320531.11

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 108 Tract 7579

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: 37.70 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).

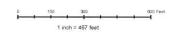




Farm: 112, 108 Tract: 7586, 7579 Field 2: 41.3 Field 3: 1.3

Field 2: 30.05 Field 3: 1.11





Legend

Tax Parcel #/Owner:

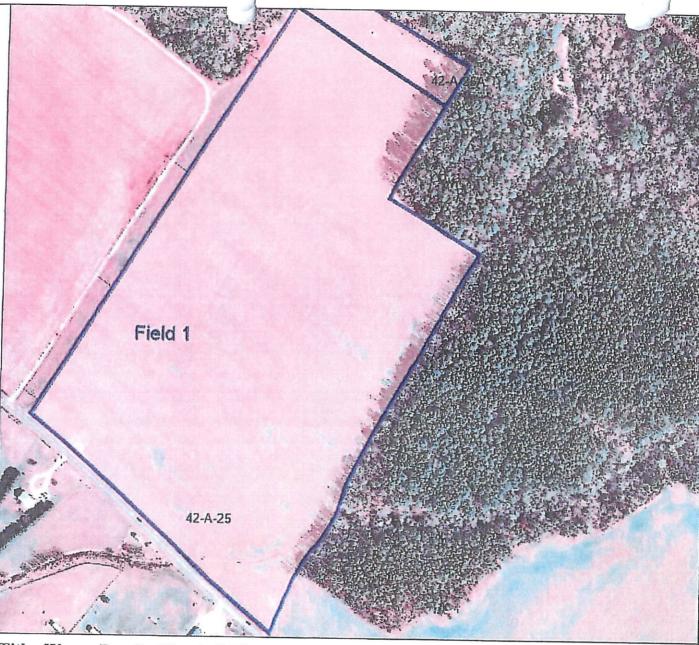
42-A-25: Alula Marshall Trust

42-A-25A: Richard Marshall

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

0 100 200 300 400 1:4,514 / 1"=376 Feet

Feet



Title: Wayne Revell - Marshall Field 1 Tax Map

F108 T7579

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

DADTON		The first of the first	FFLUEN	AND BIOSOLIDS
PARI D-VI: LAND APPLICA	ATION AGREEMEN	NT - BIOSOLIN	2 Abirs tain	
A. This land application agreement is made on the period of the party				
Landowper:	ilus or industrial resid	duals under this ag	reement.	mp has changed will no
The Landoungrie the		η,		F (
The Landowner is the owner of recon agricultural, silvicultural or reclamation	d of the real property	located in	mack	County
agricultural, silvicultural or reclamation documentation identifying owners, att	n sites identified belo	w in Table 1 and i	dentified or	Virginia, which includes the
Table 1.: Parcels authorized to	receive biosolids w	rator transment		the tax map(s) with county
Tax Parcel ID T	ov Dentilon, vi	rater treatment n	esiduals o	r other industrial sludges
. 1/2 1/2 1/2	ax i diceliu	Tax Parce	el ID	Tax Parcel ID
42-17-2517 775796	Partial			TGAT GICGITE
Additional name to analysis				
Additional parcels containing Land Application Check one: The Landowsee	Sites are identified on Sup	plement A (check if a	plicable	
Check one: The Landowner The Landowner	is the sole owner of	of the properties	identified	herein
In the event that the Land		THE DI LIE PIL	2011192 ID	entified herein
William 38 months of the let	The District of Dall	DI IDO DECOCALLA		W20680 000
Notify the purchaser or transfer than the date of the property transfer. Notify the Permittee of the sale.	ree of the application, t	he Landowner shi	all:	olids liave been applied
inan the data as 45	are applicable	HIDIC Access and	2222728 0	gement restrictions no later
The Landowner has no other agreemer	is for land application	- " " "	anster.	
The Landowner has no other agreements for land application on the fields identified herein. The Landowner will application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.				
barro, mis adjedille	E Decomps involid an	11	o totiget at	aliquie to the Permittee for
dullCulling sites identified -	TO THE CHILITIES IL	I land apply recide	101	
inspections on the land identified above purpose of determining compliance with	, before, during or aff	owner also grants	permission	for DEQ staff to conduct
2) - i si s	regulatory requirema	ents application	of permitte	ed residuals for the
U Voe		rocessing waste	addit applic	ation,
GNO LITES WNO	tz(Yes	□ No	Other in O Yes	dustrial studnes
Printed name	Malling Address			ZI No
Richard Morshall	maning Address		Landowne	r Signature
By: Title*				
	Phone No.		- livel	A Mashelp
* I certify that I have authority to sign for the landowner as indicated by my title as Executor, Trustee or Power of attorney, etc. To certify that I am a responsible official [or officer] authorized to act on behalf of the corporation, partnership, proprietorship, LLC,				
municipality state and a responsible official [or o	fficer] authorized to act of	on hehalf of the	, Trustee or P	ower of attorney, etc.
,, etc.		on belief of the corpo	ration, partne	ership, proprietorship, LLC,
Permittee:				
Tyson Foods , the Permittee, agr	ees to apply biosolids	and/or industrial		
manner authorized by the VPA Permit Regula plan prepared for each land application field b	tion and in amounts no	to exceed the rate	duals on the	Landowner's land in the
The Permittee correct to a six at	y a person certified in a	ccordance with 810	1-104 2 of	tile nument 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 Printed name Mailing Address P.O. 2009				
Printed name	Mailing Add	. Nolice shall include	o me addice	or residuals to be applied.
Lievin Touther	Mailing Address P.O.	. Box 8	Permittee- Au	thorized Representative
Title Complex Man	Temperanceville,	VA 23442	Signature	
- manager	Phone No. 757-8	24-3471	gen	-1-Klan
9			-	
Rev 6/11/2018b				\bigcirc

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

Permittee: Tyson Foods Accomach County or City: Landowner:

Landowner Site Management Requirements:

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

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after 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

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

2. Public Access

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

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

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

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

Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
- 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 kllggraps/hectare).

's Signature

Rev 6/11/2018b

Page 2 of 2

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

Landowner Coordination Form

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

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

Permittee: Tyson Foods

County or City: A C COMOCK	County
Tax Parcel ID(s)	(Landowner signatures are not required on this page
	Landowner(s)
42-12-254	Richard Marchael
	and the state of t
Commence of the commence of th	DA-00(1201501)

Page __of__

Rev 6/11/2018b

Accomack County, Virginia

Legend

Tax Parcel 42-A-24 Owner: Margaret Revell

Tax Parcel 42-7-9 Owner: Joseph or Bernadette Weatherly

Tax Parcels 42-7-10, 42-7-11 Owner: Bruce Holland Trust and Frederick Holland Trust

√ax Parcel 42-7-12 Owner: Margaret Stephens

Operator: Wayne Revell

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

Feet
0 200 400 600 800



Date: 9/14/2020

Title: Farm 112 Tract 7586 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.

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

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lq T	an prepared for each land application fi	Hen merson certi	and ai beili	מספקבת ווופ ושופו	ul pailitiani	ine nutrient management
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						(0.00 (1)
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Page 1 of 2

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

Permittee: Tyson Foods County or City: Accomact County

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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).

Landowner's Signature

Rev 6/11/2018b

Page 2 of 2

11/2/2020 Date

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

Landowner Coordination Form

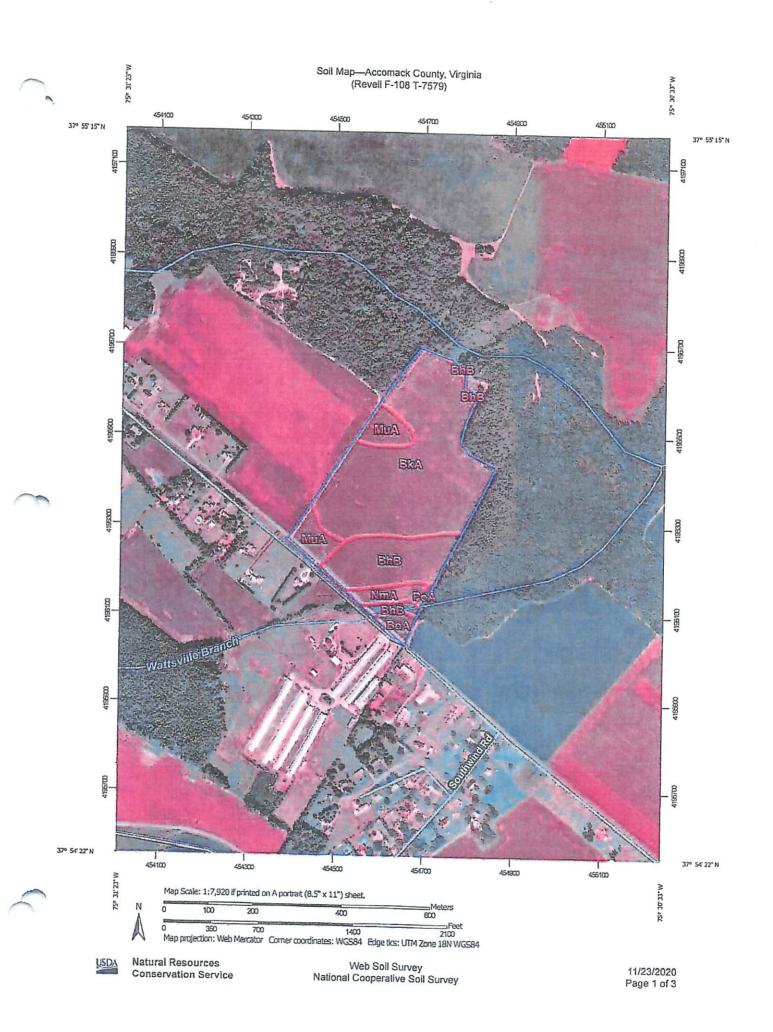
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Submission of completed Form D VPA Permit Application Workbook, Tabs 14.a and/or 14.b, supersedes the need to complete this Landowner Coordination Form.

Permittee: Tyson Foods	
County or City: Accomack	County
Please Print	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
42-7-12	Margaret Stephens
28-A-61 28-A-61	4
26-A-61	
42-A-24	

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Rev 6/11/2018b



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 (0)



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill Lava Flow



Marsh or swamp





Mine or Quarry



Miscellaneous Water



Perennial Water



Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

3

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 loamy sand, 2 to 6 percent slopes	8.3	21.1%
BkA	Bojac sandy loam, 0 to 2 percent slopes	24.5	62.2%
ВоА	Bojac fine sandy loam, 0 to 2 percent slopes	0.9	2.3%
MuA	Munden sandy loam, 0 to 2 percent slopes	3.9	9.9%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	1.5	3.9%
PoA	Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded	0.2	0.6%
Totals for Area of Interest		39,4	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: 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,



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

Component: Nimmo (85%)

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

Component: Polawana (2%)

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

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

Component: Polawana (95%)

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

Component: Nimmo (2%)

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

Data Source Information

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





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

(i)

Blowout Borrow Pit



Clay Spot



Closed Depression

Gravel Pit

Gravelly Spot

25 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

(1)

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	12.1	33.7%
BkA	Bojac sandy loam, 0 to 2 percent slopes	18.7	52.2%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	0.2	0.5%
MuA	Munden sandy loam, 0 to 2 percent slopes	4.9	13.6%
Totals for Area of Interest		35.9	100.0%

Map Unit Description (Brief, Generated)

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

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

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

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

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: 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: 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%)

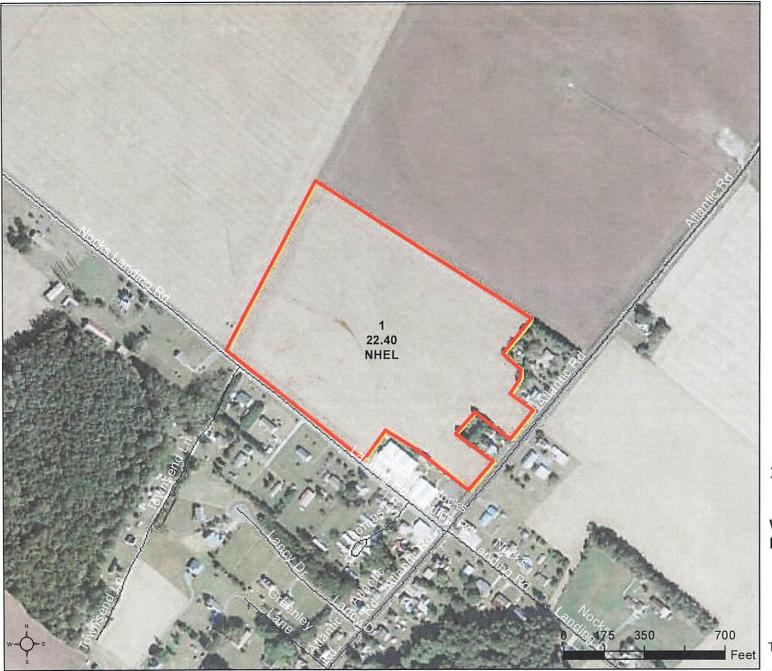
The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water 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



Farm 108 Tract 7580

2023 Program Year

Map Created June 27, 2023

Wetland Determination Identifiers

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

Tract Cropland Total: 22.40 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).





- Ag Ditch

Farm: 91, 108 Tract: 7139, 7580

Total Field Acres: Field 1: 53.4 Fiield 1: 22.4 Total Application Acres: Field 1: 51 Field 1: 17.87







Map Unit Legend

Accomack County, Virginia (VA001)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BhB	Bojac loamy sand, 2 to 6 percent slopes	0.0	0.0%
BkA	Bojac sandy loam, 0 to 2 percent slopes	2.6	12.0%
BoA	Bojac fine sandy loam, 0 to 2 percent slopes	0.2	0.8%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	7.8	35.4%
MuA	Munden sandy loam, 0 to 2 percent slopes	11.5	51.9%
Totals for Area of Interest		22.1	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, can be used to determine the composition and properties of a unit.

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. 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 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. 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 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: 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. 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 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. 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 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 components. The Arapahoe soil is a minor component.

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

Component: Munden (90%)



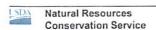
The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches 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 components. The Nimmo soil is a minor component.

Data Source Information

Soil Survey Area: Accomack County, Virginia Survey Area Data: Version 8, Dec 15, 2008



Legend

Road Labels

Tax Map ID/Owner:

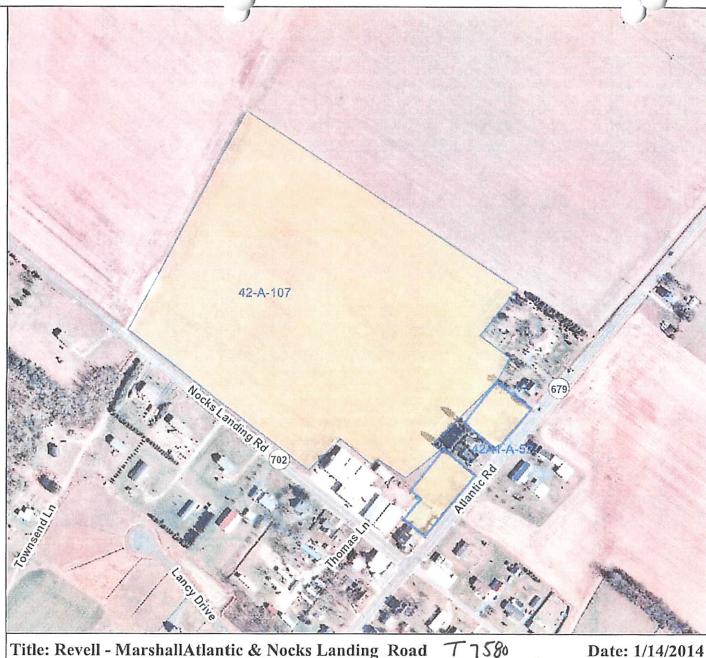
42-A-107: Alula Marshall

42A1-A-52: Alula Marshall

Operator: Wayne Revell

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

Feet
0 100 200 300 400
1:4,514 / 1"=376 Feet



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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 ADDLED			** * *********************************	AND BIOSOLIDS
PART D-VI: LAND APPLICATION A. This land application agreement in	ation agreeme	NT - BIOSOL ID	C ARIE MAI	2110
A. This land application agreement in here as "Landowner", andIyson in effect until it is terminated in units.		2.000215	S LUAD WAT	DUSTRIAL RESIDUALS
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Landowner in the event of a sale of	g by either party or, v	with respect to the	198 parcole 4	ee". This agreement remains
in effect until it is terminated in writin Landowner in the event of a sale of a individual parcels identified in this ag longer be authorized to receive biosc	one or more parcels,	until ownership of	f all parcels	hat are retained by the
longer be authorized to receive biosc Landowner:	reement changes, th	ose parcels for w	hich owners	changes. If ownership of
l andown	mus or industrial resid	duals under this a	areament	mp has changed will no
			J	2
The Landowner is the owner of recor agricultural, sllvicultural or reclamation	d of the real property	located in	mical	County
documentation identify in a	n sites identified belo	w in Table 1 and	1.1 115	Virginia, which includes the
agricultural, silvicultural or reclamatio documentation identifying owners, att	ached as Exhibit A.	mi rabio i and	identified or	the tax map(s) with county
Table 1.: Parcels authorized to	receive blacettal		No. of the last state of the l	
Table 1.: Parcels authorized to Tax Parcel ID T	receive blosolids, v	vater treatment	residuals of	Tother industrial about
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		Tax Parc	el ID	Tax Parcel ID
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12A1-A-52 T758	D			
Additional parcels containing Land Application Check one: The Landownson	Siles are identified - 0	AND DESCRIPTION OF THE PARTY OF		L
Check one: The Landowner	area are identified of Sal	plement A (check if a	applicable)	The state of the s
The Landowner	is the sole owner	of the properties	identified	houst
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within 38 months of the latest date of b 1. Notify the purchaser or transfe	iosolids application	or the property to	which blose	olids have been applied
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IIIdii ine data at the	abblicable	Ulling Stopes on	-l	Igement restrictions no leter
The Landowner has no other agreemer notify the Permittee immediately if condapplication or any part of this agreement.	· -	lowing property to	ansfer.	
notify the Permittee in a direct agreement	its for land application	n on the fields :d.		
application or any part of this	itions change such ti	nat the fields are	no la control	in. The Landowner will
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manicipanty, state or federal agency, etc.		in belian of the corpo	oration, partne	ership, proprietorship, LLC,
Permittee:				
Tyson Foods the Pormittee	Enter Visited Control			
manner authorized by the VPA Permit Regula	ees to apply biosolids a	and/or industrial res	iduals on the	Landowner's land in the
manner authorized by the VPA Permit Regula plan prepared for each land application field b	V a person cadification	t to exceed the rate	s identified in	the putrient management
The Permittee agrees to notify the Landouses	or the Land certified in a	ccordance with §11	0.1-104.2 of the	he Code 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 residuals to be applied. Malling Address P.O. 2010 2010				
Printed name	AA-III	. Notice shall include	de the source	of residuals to be applied
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Complex Manager	Phone No. 757-8	24 -11	1	
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Rev 6/11/2018b				

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

Permittee: _ Tyson Foods	Sound IV	<i>t</i> : (
Landowner: Alula	Marchael Thust	County

Landowner Site Management Requirements:

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

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

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

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

2. Public Access

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

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

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

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to
- 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

Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- Meat producing livestock shall not be grazed for 30 days,
- Lactating dairy animals shall not be grazed for a minimum of 60 days.
- Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
- 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/acta/10,5 kilograms/hectare).

Landowner's Signature

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 Account	9
County or City: Accomack	county
Tax Parcel ID(s)	(Landowner signatures are not required on this page
110	Landowner(s)
42-4-25	Alula Marchall Trust
42-A-107	11
42-A-25 42-A-107 42AI-A-52	
	- 11
ALM STATE OF THE S	