Farm Acreage Summary

Operator: Dublin Farms

Location: Accomack

					Acre	eage	Environmentally
Landowner	Site	Latitude	Longitude	Field	Total	Usable	Sensitive Soils
Randall Poole Carlton Justice	F-2150 T-7589	N37° 56' 88"	W75° 29' 9"	1	34.4	30	YES
Richard Fain Phillip/ David Hickman	F-38 T-7390	N37° 58' 45"	W75° 30' 89"	1-5, 7-9	43.5	37.23	YES
Phillip/ David Hickman	F-4310 T-76669	N37° 57' 82"	W75° 29' 52"	1-6	77.6	68.88	YES
Phillip/ David Hickman	F-5219 T-7487	N37° 53' 1"	W75° 32' 40"	1	18.8	13.35	YES
Randall Poole	F-2108 T-76458	N37° 56' 71"	W75° 31' 03"	10,14,15,16	46.2	36.7	YES
William Davison	F-150 T-7638	N37° 56' 58"	W75° 30' 89"	3	13	12.24	YES

Carlton Justice John/Mary Justice Beverly Parks	F-3140 T-76942	N37° 56' 53"	W75° 30' 35"	2, 3	44.6	42.83	YES
Randall Poole	F-3139 T-76941	N37° 56' 54"	W75° 30' 13"	1	5	4.78	YES
Carlton Justice	F-2151 T-7590	N37° 56' 55"	W75° 30' 46"	2, 5	20.8	18.25	YES
Carlton Justice	F-157 T-7644	N37° 56' 52"	W75° 30' 46"	1	4.2	1.59	YES
Phillip/ David Hickman	F-3833 T-7296	N37° 56' 71"	W75° 30' 89"	1	48.8	46.59	YES
Phillip/ David Hickman	F-2733 T-76395	N37° 56' 88"	W75° 30' 89"	4	30.2	24.69	YES
Lou Hurley Debra Blanchard	F-91 T-7138	N37° 55' 10"	W75° 30' 49"	1, 2	99	92.86	YES
Lou Hurley Debra Blanchard	F-3831 T-7618	N37° 53' 83"	W75° 29' 68"	1	41.6	31.93	YES
Lou Hurley Debra Blanchard	F-91 T-7139	N37° 54' 10"	W75° 30' 37"	1	53.4	51	YES
Linda Wessells	F-3294 T-7352	N37° 58' 37"	W75° 25' 85"	1, 3, 4	69.7	57.22	YES
E. T. Trader	F-3292 T-7860	N37° 57' 86"	W75° 32' 01"	3, 4, 5, 6	28.8	26.72	YES

E. T. Trader	F-3292 T-7863	N37° 55' 95"	W75° 31' 91"	2, 3	49.3	43.89	YES
E. T. Trader	F-3292 T-7845	N37° 56' 40"	W75° 31' 03"	2	40.1	32.42	YES
Donald Birch Life Trust	F-4969 T-7350	N37° 58' 49"	W75° 31' 86"	1-4	30.3	23.55	YES
Donald Birch Life Trust	F-4969 T-7419	N37° 57' 40"	W75° 31' 96"	1-3	29.4	25.76	YES
Emmett Taylor, Jr., Rev. Trust	F-4847 T-7488	N37° 53' 01"	W75° 30' 35"	1-3	306.5	297.17	YES
Emmett Taylor, Jr., Rev. Trust Eleanor Devane Ernest Bowden	F-4847 T-7486	N37° 53' 10"	W75° 29' 77"	1, 3, 4, 5	62.4	54.93	YES
Emmett Taylor, Jr., Rev. Trust	F-4847 T-7489	N37° 53' 91"	W75° 30' 88"	2, 3, 4	38.7	21.41	YES

Total 1,236.3 1,096.91

Accomack County, Virginia





Farm 2150 **Tract 7589**

2023 Program Year

Map Created June 27, 2023

Wetland Determination Identifiers

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

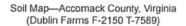
Tract Cropland Total: 34.40 acres

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).





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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 (0)

Borrow Pit

Clay Spot 赛

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

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
МоВ	Molena loamy sand, 0 to 6 percent slopes	29.6	89.4%
MoD	Molena loamy sand, 6 to 35 percent slopes	3.4	10.2%
PoA	Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded	0.1	0.3%
Totals for Area of Interest		33.1	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: 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.



Map Unit: MoD-Molena loamy sand, 6 to 35 percent slopes

Component: Molena (90%)

The Molena component makes up 90 percent of the map unit. Slopes are 6 to 35 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 7s. This soil does not meet hydric criteria.

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

Component: Polawana (95%)

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

Component: Nimmo (2%)

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

Data Source Information

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

Accomack County, Virginia

Legend

TaxMap#/Owner

27-A-164: Randall Poole and Consuela Conics

28-A-18: Carlton Justice

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

400 600



Title: Justice Poole Field 4

2150 T7589

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.

9/15/2020

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	DADTO M. CAME				, and bloodeling
	PART D-VI: LAND APPLIC	CATION AGREEME	NT - BIOSOLIDS	AND IND	USTRIAL RESIDUALS
	A. This land application agreement here as "Landowner", andIysor in effect until it is terminated in writing Landowner in the event of a sale of individual parcels identified in this a longer be authorized to receive biost landowners.	is made on, re ing by either party or, ve one or more parcels,	between ferred to here as the with respect to those until ownership of	he "Permitte se parcels the	referred to referred to real and are retained to remains
	Landowner: The Landowner is the owner of reco agricultural, silvicultural or reclamati documentation identifying owners, a	ord of the real property	Accou	nack (ountu
	Table 1.: Parcels authorized to	receive biosolids.	vater treatment r	ooldusta	
	Tax Parcel ID	Tax Parcel ID			other industrial sludges
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12500	1	0 17-13	17589 (partia	1)	
4. 1644-	P27-A-160				
	17-7-3-T76942				
	Additional parcels containing Land Application	on Sites are Identified on Su	pplement A (check if a	oplicable)	
	The Landown	er is the sole owner er is one of multiple	of the properties	identified I	
	within 38 months of the latest date of 1. Notify the purchaser or transitian the date of the property 2. Notify the Permittee of the sa The Landowner has no other careers	or transfers all or pan biosolids application, feree of the applicable transfer, and le within two weeks fo	of the property to the Landowner sha public access and flowing property tra	which bioso all: I crop mana ansfer,	olids have been applied gement restrictions no later
	The Landowner has no other agreem notify the Permittee immediately if corapplication or any part of this agreement. The Landowner bereby grants possess.	ent becomes invalid of	the information by	to longer av	allable to the Permittee for
	The Landowner hereby grants permis agricultural sites identified above and inspections on the land identified above purpose of determining compliance with Class B biosolids Water treatment of Yes No	sion to the Permittee to in Exhibit A. The Lan ve, before, during or a lith regulatory requirem	o land apply residu downer also grants fer land application tents applicable to	uals as spec s permission n of permitte such applic	ified below, on the for DEQ staff to conduct and residuals for the ation, dustrial sludges
	Printed name toh Justicus	Malling Address	1002-FIERIN	Landowne	iž No r Signature
	By: Title*	- NEWCha	2ch, Va 23415	1	72/
		Phone Mn 75	7 0011/-10/	1/0	1 xarafa
	*☐ I certify that I have authority to sign for t *☐ I certify that I am a responsible official [o	he landowner as indicated		r, Trustee or P	ower of attorney etc
	*☐ I certify that I am a responsible official [o municipality, state or federal agency, etc.	r officer) authorized to act	on behalf of the corpo	oration, partne	rship, proprietorship, LLC,
	Permittee: Tyson Foods , the Permittee a	agrees to apply biosolide			
į	plan prepared for each land application field	hu a parson postified in	to exceed the rate	s ruentined in	Landowner's land in the the nutrient management
	The Permittee agrees to notify the Landowr specifically prior to any particular application Printed name			3.1-104.2 OF I	ne Code of Virginia
	Printed name	Malling Address P.	THE REAL PROPERTY OF THE PROPE	te me source	of residuals to be applied. thorized Representative
-	Levin Taylor	Temporanceville	VA 22442	Signature	diorized Representative

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

Permittee: _	Tyson Foods	_ County or City:	:_ Accomadi	0 1
Landowner:	Carlton Justo	_ oddney or chy,	recorract	County

Landowner Site Management Requirements:

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

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

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

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 excavaled 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;
- 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).

Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

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

Landowner's Signature

Rev 6/11/2018b

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 blosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

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

Permittee: ____Tyson Foods

County or City: Accomack County Please Print Tax Parcel ID(s) Landowner signatures are not required Landowner(s) 27-4-159 Curl tray Justice 27-7-3 28-A-18	
Tax Parcel ID(s) Landowner signatures are not required Landowner(s) 27-14-159 Curl tray Justice 27-1-3	
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VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

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	PART D-VI: LAND APPLI	CATION AGREEMEN	VT - BIOSOI INS	Anim minu	CTPVAA TOTAL	
	A. This land application agreement here as "Landowner", andI ySOI in effect until it is terminated in writtendowner in the event of a sale of individual parcels identified in this alonger be authorized to receive bio	is made on(0 1 FOOds, re ing by either party or, v fone or more parcels, i	between ferred to here as the vilh respect to thos until ownership of a	ne "Permittee" ie parcels tha	referred to	इं स्टिंग स्
	Landowner: The Landowner is the owner of recagnicultural, silvicultural or reclamat documentation identifying owners, a	ord of the real property ion sites identified belo attached as Exhibit A.	located in Victory	dentified on it	in Lig Firginia, which includes the ne tax map(s) with county	e
_	Table 1.: Parcels authorized to	o receive biosolids, v	ater treatment re	eiduale or o	Shaninduction to be	
1 nontial	Tax Parcel ID	Tax Parcel ID			The state of the s	
Coortial 17589	- 27-A-164-76941	TURY GIOGI ID	Tax Parce	el ID	Tax Parcel ID	7
T76458	27-A-165					
	Additional parcels containing Land Applicati	on Sites are identified on Su	polement A (check if an	introduction in the second		_
	Check one: We The Landown	er is the solo owner	- i			
	In the event that the Landowner sells within 38 months of the lafest date of 1. Notify the purchaser or transitian the date of the property 2. Notify the Permittee of the second	s or transfers all or part f biosolids application, feree of the applicable	of the property to the Landowner sha public access and	operties ider which blosoli all: crop manage	tified herein.	
	notify the Permittee immediately if co application or any part of this agreem	nents for land application anditions change such the second in the second in the second invalid on the second invalid invali	on on the fields ide hat the fields are n	ntified herein. to longer avai	lable to the Permittee for	
	The Landowner hereby grants permit agricultural sites identified above and inspections on the land identified about purpose of determining compliance with the class B biosolids: Water treatment	ission to the Permittee to the Exhibit A., The Landve, before, during or all if the regulatory requirem	o land apply residu downer also grants der land application ents applicable to	uals as specif s permission f n of permitted such applicat	ied below, on the or DEQ staff to conduct residuals for the ion,	
	□ Yes ☑ No □ Yes ☑ No		rocessing waste ☐ No	Other indu	ıslrial sludges IX No	
	Printed name Randall Pools= By:	Malling Address 6549Coan	Atomis Rul 234	Landowner !	Signature	
t	Title*	Phone No.	hazella	Ih.		
	*☐ I certify that I have authority to sign for *☐ I certify that I am a responsible official [the landerman as in the state	, 	1 V land	u teh	
1	* I certify that I am a responsible official [i municipality, state or federal agency, etc.	or officer) authorized to act	on behalf of the come	r, Trustee or Po	wer of attorney, etc.	
			- Lioir or the corpt	radon, partners	nip, proprietorship, LLC,	
P	Permittee: Tyson Foods the Permittee					
n p	manner authorized by the VPA Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the plan prepared for each land application field by a particular					
1	he Permittee agrees to notify the Landow pecifically prior to any particular application Printed name		THE LETTE STATES	0.1-104_2 Of the	Code of Virginia.	61
	Printed name	Malling Address P.	2 Roy S	ne me somice (or residuals to be applied.	
<u> </u>	hevin Taylor	Temperanceville	VA 22447	Signature Signature	orized Representative	į
	Title Complex Manager	Phone No. 757-	324-3471	Ken	1-Klan	
	J		1.1.	-		

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

	THE PART LIGHT	MONE
Permittee: Tyson Foods	County or Oll	,
Landowner: Pundel)	Prople + Grand City: Mccomack	Counte
	Provide + Consuctor General	

Landowner Site Management Requirements:

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

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

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

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

Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year
- 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

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,
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- 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:

- a. 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
- 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).

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: Ac CO Mack	Counta	
Please Print	7	(Landowner signatures are not required on this page
Tax Parcel ID(s)		Landowner(s)
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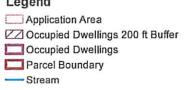
United States Department of Agriculture Farm Service Agency

Farm: 38 Tract: 7390 Accomack County 1:4,800

claimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS. March 20, 2019

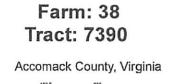


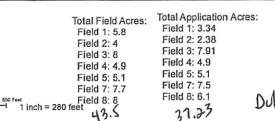






Streams 35 ft Buffer property line 50'







Dublin



Aerial Photograph

Landowner: Richard Fain

Operator: David Hickman

Fields 1, 2, 3, 4, 5

(45.9 Acres)

Horntown Rd

Accomack County, Virginia

FSA Aerial Photograph

Farm 38 Tract 7390



Web Soil Survey National Cooperative Soil Survey

11/23/2020 Page 1 of 3



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

(o) Blowout

200

Borrow Pit Clay Spot

其

Closed Depression

14

Gravel Pit

Gravelly Spot

Landfill

Λ.

Lava Flow

46

Marsh or swamp Mine or Quarry

小

Miscellaneous Water

Perennial Water

Rock Outcrop

+ 5

Saline Spot

· · ·

Sandy Spot

Severely Eroded Spot

6

Sinkhole

51

Slide or Slip Sodic Spot Spoil Area

Ò

Stony Spot Very Stony Spot

(14)

Wet Spot

Y

Other

Special Line Features

Water Features

Streams and Canals

Transportation

 $\leftrightarrow \rightarrow$

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

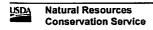
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

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
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	9.1	19.2%
MuA	Munden sandy loam, 0 to 2 percent slopes	4.3	9.1%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	34.0	71.7%
Totals for Area of Interest	percent slopes	47.5	100.0%



Map Unit Description (Brief, Generated)

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

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

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

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

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: 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%)

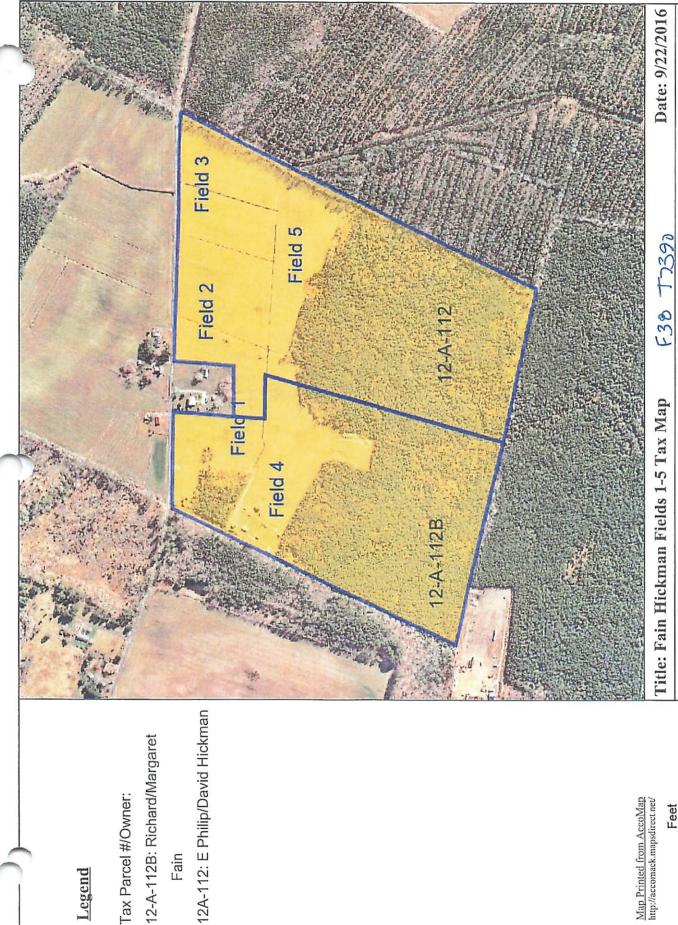
The Munden component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water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



12-A-112B: Richard/Margaret

Fain

Tax Parcel #/Owner:

Legend

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

Feet

0 200 400 600 800 1:9,028 / 1"=752 Feet

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 APPLICATION AGREEMENT - BIOSOLIDS AND WINDOWS					
A. This land application agreement is made on to 26/20 between referred to here as "Landowner", and Tyson Foods referred to here as the "Permittee". This agreement remains Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of longer be authorized to receive biosolids or industrial residuals under this agreement.					
Landowner: The Landowner is the owner of record of the real property located in Accomack County agricultural, silvicultural or reclamation sites Identified below in Table 1 and Identified on the tax map(s) with county					
Table 1.: Parcels authorized to	receive biosolids, w	rater treatment re	siduals or o	ther industrial sludges	
Tax Parcel ID	Tax Parcel ID	Tax Parce		Tax Parcel ID	
12-A-112B T-739	a (partial)				
				- Landa	
Additional parcels containing Land Application	on Sites are Identified on Sur	plement A (check if ap	plicable)		
The Landown	er is the sole owner or is one of multiple of	of the properties	identified he	ALC: ALC: ALC: ALC: ALC: ALC: ALC: ALC:	
within 38 months of the latest date of 1. Notify the purchaser or trans than the date of the property 2. Notify the Permittee of the sa The Landowner has no other garage.	The Landowner is one of multiple owners of the properties identified herein. In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no leaves to the property transfer.				
application or any part of this agreem	ent becomes invalid or	the information he	o longer avai	lable to the Permittee for	
agricultural sites identified above and inspections on the land identified abor purpose of determining compliance w	in Exhibit A. The Land	o land apply residu iowner also grants	rals as specifi permission f	ed below, on the or DEO staff to conduct	
Class B biosolids Water treatment ☐ Yes 💆 No ☐ Yes 💆 No	residuals Food p	rocessing waste		ion. Istrial sludges IX No	
Printed name	Malling Address				
By: Rie hara Fam	_		Landowner	nignature	
Title" OWNER	Phone No.		6.1	1.	
LI certify that I have authority to sign for t	* I certify that I have authority to sign for the landowner as indicated by my title as Executor, Trustee or Power of attorney, etc.				
* I certify that I am a responsible official [or officer] authorized to act on behalf of the corporation, partnership, proprietorship, LLC,					
Permittee: Tyson Foods The Permittee agrees to permit Regulation and in amounts not to exceed the rates identified in the nutrient management 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.					
Kevin Taylor	/emporanceville	VA 23442	Signature	orized Representative	
(Complex Manager	Phone No. 257-8	24-3471	Len	1-/la	
O					

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

-	Tyson Foods	County or City	ccomacle County
Landowner:	Richardon	Margaret Fain	county

Landowner Site Management Requirements:

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

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after blosolids have been applied on my properly 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:

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

Landowner's Signature

Rev 6/11/2018b

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 blosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

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

Permittee: Tyson Foods

County or City: 1 (COMAC)	
Tax Parcel ID(s)	(Landowner signatures are not required on this page
	Landowner(s)
12-A-112B	Richard or Margaret Fain
	and the state of t
	* ALTONOMY
	deviana
	*** Charles
	- Contraction
THE STATE OF THE S	

Page ___of___

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

	PART D-VI: LAND APPLICATION ACTION	THE ELITOPH	AND BIOSOLIDS
77639	in effect until it is terminated in writing by either par Landowner in the event of a sale of one or more parent individual parcels identified in this agreement changlonger be authorized to receive biosolids or industrict Landowner: The Landowner is the owner of record of the real pragricultural, silvicultural or reclamation sites identified documentation identifying owners, attached as Exhibit Table 1.: Parcels authorized to receive bioso	between referred to here as the "Permit y or, with respect to those parcels residuals under this agreement." poperly located in Accommendation in Table 1 and identified or bit A. Tax Parcel ID	DUSTRIAL RESIDUALS HICK man and David referred to flickman that are retained by the changes. If ownership of ship has changed will no
T7296	25-12-121	- T-7390 (partial)	
	Additional namels containing	T-748-7	
	Additional parcels containing Land Application Sites are identified Check one:	on Supplement A (check if applicable)	
	The Landowner is the sole of	wner of the properties identified	horoin
	In the event that the Landau	the properties ic	lentified herein
	Willing 34 months of the let	I udit of the proporty to	122 21 2
	Notify the purchaser or transferee of the applications of the	ation, the Landowner shall:	longs have been applied
	man the date of the	rapid bublic access and organia	agement restrictions no later
	The same will be a same will be same will be a same will be a same will be a same will be a same	olen foll	
10.00	ne Landowner has no other agreements for land app	olication on the first the services	
	The Landowner has no other agreements for land appropriate immediately if conditions change application or any part of this agreement.	such that the fields are no larger	in. The Landowner will
	part of this agreement pecumes inv	alid and the state of the longer a	valiable to the Permittee for
	agricultural sites identified above and in Exhibit A. The inspections on the land identified above, before, during purpose of determining compliance with results.	Landowner also grants nermission	cified below, on the
	Inspections on the land identified above, before, during purpose of determining compliance with regulatory red Class B biosolids Water treatment residuals	or after land application of permitt	ed residuals for the
			cation.
	LIES NO TVOS MAL	Other in	ndustrial studges
	Printed name	□ Yes	D(No
	By: MANICIMEN Malling Addr	ess 2/6 Landown	er Signature
	By: HAIR	Ntowy Va 23395 A	11/2
	1 01		1-XX-1
	* I certify that I have authority to sign for the landowner as ind * I certify that I am a responsible official [or officer] authorized municipality, state or federal approach	leated by my title 5	· Micory
	* I certify that I am a responsible official [or officer] authorized municipality, state or federal agency, etc.	to act on behalf of the comments	Power of attorney, etc.
	manufactural agency, etc.	or the corporation, partn	ership, proprietorship, LLC,
	Permittee: Tyson Foods the Permittee		
	manner authorized by the Una Fermillee, agrees to apply bio	solids and/or industriel residuals on the ants not to exceed the rates identified it	a landoured to the
	manner authorized by the VPA Permit Regulation and in amount of the VPA permit Regulation and in amount of the Permit Regulation and in amount of the Permittee agrees to notify the Landowner or	Ints not to exceed the rates identified in	n the nutrient management
	The Permittee agrees to notify the Landowner or the Landown	er's designed of the	the Code of Virginia.
Ĭ	Print to any particular application to the Landowner	's land. Notice shall include the	e for land application and
	Malling Addres	P.O Par Q	of residuals to be applied. uthorized Representative
ŀ	Title O I Pemporance	ville, VA 22442 Signature	autorized Representative
	Complex Manager Phone No. 25	7-824- 24171 Ve	-1-Con
	U	3/1/	, (
R	ev 6/11/2018b		\cup

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLI AGREEMENT	CATION
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Permittee: Tyson Foods County or City: A CCOMack Centry
Landowner: Phillip Hickman + David Hickman

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.
- 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:

- 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).

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Following blosolids application to pasture or hayland sites:

- 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 1/31/20

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: ACCO MACK	Counter	
Please Print		
Tax Parcel ID(s)		vner signatures are not required on this page
27-A-173		
27-A-175	Phillip Hickman +	Dulid Hickman
27-A-176		
13-A-49 R	-	V
12-A-112 41-A-170	11	1:
H-A-170		
ALCOHOLD STATE OF THE PARTY OF		

Page ___of___

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

-	PART D-VI: LAND	APPLICATION ACREEDS	NIT man a		NOSOEIDS	
,	here as "Landowner", and in effect until it is terminate. Landowner in the event of a individual parcels identified longer be authorized to rece	APPLICATION AGREEME reement is made on	between eferred to here as the with respect to those p	'Permittee". This parcels that are re	referred to fire agreement remains	tma a
	The Landowner is the owne agricultural, silvicultural or re documentation identifying or	r of record of the real property eclamation sites Identified belo Wners, attached as Exhibit A	located in Accomp	ock Count Virginia Alfied on the tax of	which includes the nap(s) with county	
	Table 1.: Parcels author	rized to receive biosolids, v	vater treatment rock	Vicely and the s		
	Tax Parcel ID	Tax Parcel ID	Toy Day 115			
7630	15 27-14-173	13-1749 Q	Tax Parcel IE	2 <u>T</u>	ax Parcel ID	
7296	27-A-175	12-A-112 7	76669 90 (pertral)			
1210	25-17-176	111-A-170				
	Additional parcels containing Land Check one: The La	Application Sites are identified on Su	nnlemant A (about 17			
	The La	ndowner is the sole owner ndowner is one of multiple per sells or transfers all or part	owners of the prope	ntified herein.		
	In the event that the Landowr within 38 months of the latest	er sells or transfers all or part	of the amounts to whi	rues juenunea r	ierein.	
	within 38 months of the latest 1. Notify the purchaser of	date of biosolids application,	the Landowner shall:	en blosolids have	been applied	
	than the data of the	BINDSHAME OF ALC SHAME	public access and are	p management r	estrictions no later	
	,	uic sale willin tun waara fa	land.			
	2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the fields identified herein. The Landowner will application or any part of this agreement becomes invalid or the information herein contained herein.					
	application or any part of this	ly if conditions change such t	hat the fields are no lo	ed herein. The La	Indowner will	
	THE Landhumer horeby			i contained neco	nes incorrect	
	agricultural sites identified -L	to the remittee to	o land apply residuals	00 000 15 11 1		
	agricultural sites identified abo inspections on the land identifi purpose of determining compli	ed above, before, during or af	downer also grants per	mission for DEQ	staff to conduct	
	di	ance with regulatory requirem	ents applicable to suc	permitted residua	als for the	
	☐ Yes ☐ No ☐ Yes	Palment residuals Food p	locessing waste	Other industrial stu	rdnes	
	Printed name 1/ 4 /		L 140	☐ Yes ☐ No		
	E. Phillipticky	A JA Mailing Address	310	andowner Signature	7	
	By:	Hornto	wy Vin 2	Mindel	wh	
	Title*		,			
	*☐ I certify that I have authority to: *☐ I certify that I am a responsible of municipality, state or federal assets.	sign for the land	1110	inter - D		
	*☐ I certify that I am a responsible of municipality, state or federal agency,	official [or officer] authorized to act	on behalf of the corporation	in partnership area	omey, etc.	
	Permittee:	CCC.		propi	retorship, LLC,	
	Tyson Foods	millee, agrees to apply bloom				
(miltee, agrees to apply biosolids a mit Regulation and in amounts no lion field by a pages and it.				
•	plan prepared for each land applica The Permittee agrees to notify the L specifically prior to any particular ap	andowner or the Landowner's de	accordance with §10.1-1	04.2 of the Code of	Virginia.	
Ì	specifically prior to any particular ap	plication to the Landowner's land	. Notice shall include the	schedule for land a e source of residue	pplication and	:
	Kevin Taylor			mittee-Authorized Rep	resentative	i
	Title Caralanda	Temporanceville	VA 22442 Sign	ature	7	1
	Complex Manager	Phone No. 757-8	24-3471	gen 1-	(on	

Rev 6/11/2018b

Page 1 of 2

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

Tyson Foods Permittee: ic Cman

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

2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year
- 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 excavaled 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
- 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

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 Gode 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 kilograms/hectare).

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E ful In	1-1-1-	
Landowner's Signature	9/31/20	2000
	Date '	

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

Permittee: Tyson Foods	
County or City: ACCOMACIC	Country
Please Print	The second of th
Tax Parcel ID(s)	(Landowner signatures are not required on this page
	Landowner(s)
27-17-173	Phillip Hickman + Durid Hickman
27-A-175	i i
27-A-176	
13-A-49 R	
12-A-112	l'
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De la companya del companya de la companya del companya de la comp	

Page ___of___



March 25, 2019

USDA United States Department of Agriculture Farm Service Agency



008,₽:1 Farm: 4310 Accomack County Tract: 76669

Aildo

boundaries and determinations, or contact NRCS. Asimer: 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





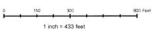
Farm: 4310 Tract: 76669 **Dublin Farms**

Field 2: 3 Field 6: 9.3 Field 3: 16 Total: 77.6 Field 4: 5.8

Field 2: 1.82 Field 6: 9.3 Field 3: 13.03 Total: 68.88

Field 4: 5.8







Aerial Photograph

Owner: E. Phillip & David Hickman

Operator: David Hickman

Fields 4 & 5

(77.4 Acres)

Horntown Rd.

Accomack County, Virginia

FSA Aerial Photograph

Field 4310, Tract 76669

37° 58' 44" N

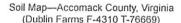
Natural Resources Conservation Service

USDA

37° 57 49° N

Web Soil Survey National Cooperative Soil Survey

11/23/2020 Page 1 of 3



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

22

Landfill Lava Flow



Marsh or swamp



Miscellaneous Water

Perennial Water



Saline Spot

Sandy Spot

Severely Eroded Spot

Sodic Spot

Sinkhole

Slide or Slip

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	0.0	0.1%
DrA	Dragston fine sandy loam, 0 to 2 percent slopes	25.5	34.7%
MuA	Munden sandy loam, 0 to 2 percent slopes	19.5	26.5%
NmA	Nimmo sandy loam, 0 to 2 percent slopes	28.1	38.2%
PoA	Polawana mucky sandy loam, 0 to 2 percent slopes, frequently flooded	0.4	0.5%
Totals for Area of Interest	· —	73.5	100.0%

Map Unit Description (Brief, Generated)

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

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

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

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

Report—Map Unit Description (Brief, Generated)

Accomack County, Virginia

Map Unit: 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



Legend

Tax Parcel #/Owner:

13-A-49B:

E. Philip and David Hickman

Field 4 Field 5 13-A-49B

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

Feet

0 200 400 600 800 1:9,028 / 1"=752 Feet

Title: E Phillip & David Hickman Fields 4, 5 Tax Map

F4310 T76669

Date: 9/22/2016

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: L	AND APPLICATI	ON AGREEME	NT - BIOSOLIDS	AND INDI	ISTRIAL DEC	IDHALC
	A. This land applicati here as "Landowner" in effect until it is term Landowner in the eve individual parcels ide longer be authorized	on agreement is m , and I yson Fo ninated in writing b ent of a sale of one	y either party or,	between eferred to here as the with respect to thos until ownership of a	e "Permittee e parcels tha all parcels ch	e". This agreem	eferred to the sent remains
	The Landowner is the agricultural, silvicultur documentation identif	owner of record or al or reclamation s ying owners, attack	f the real propert ites Identified be ned as Exhibit A.	y located in According to the low in Table 1 and in	mack (
	Table 1.: Parcels	authorized to rec	eive biosolids,	water treatment re	siduals or o	other industria	sludges
	Tax Parcer ID	Tax	Parcel ID	Tax Parce		Tax Par	-
T76395	27-A-17=	3 13-	149B -	T-76669	-	Tax Fall	Jei ID
	27-17-171	5 12-	A-112.	T-7390 (partial			
7-1210	25-17-171	- 11-	A-170 -	1-740-			
	Additional parcels containing	ng Land Application Site	es are Identified on S	upplement A (check if an	plicable)		
	Offect one:	he Landowner is he Landowner is	the sole owner	of the properties	identified he		
	within 38 months of the 1. Notify the purce than the date of 2. Notify the Perm	allowher sells or to a latest date of blos haser or transferee of the property trans nittee of the sale wi	ransfers all or pa solids application of the applicable sfer; and ithin two weeks f	rt of the property to the Landowner sha public access and	which blosoli all: crop manag	ids have been a	applied ons no later
	notify the Permittee immapplication or any part of The Landowner hereby agricultural sites identifications on the land	other agreements nediately if condition of this agreement be grants permission ied above and in Exitation	for land applicated and change such the permittee whith A. The Landau applications are to the Permittee whibit A. The Landau applications are the permittee with the permittee and the permittee and the permittee and the permittee are the permittee and the permittee and the permittee are the permittee	ion on the fields ider that the fields are n or the information he to land apply residu ndowner also grants	ntified herein o longer ava rein contain rals as specii permission	illable to the Pe ed becomes inc fied below, on t for DEO staff to	rmittee for correct.
	Class B biosolids W	Vater treatment reside	uals Food	processing waste	such applica	tion, ustrial studges	ne
	Printed name	Yes 💆 No	Ď(Ye	s 🗆 No	☐ Yes	Z No	
	By: Title* * I certify that I have auth	T M & h	Mailing Address H. G. B.X H. G. N./ T Phone No. 75 Indowner as indicate	1/6 1/4 Va 2339: 7-894-1771 d by my title as Executed	Jan	thele	
	*☐ I certify that I am a resp municipality, state or federa	onsible official [or official] agency, etc.	cer] authorized to ac	t on behalf of the corpo	ration, partners	ship, proprietorshi	p, LLC,
į	Permittee: Tyson Foods manner authorized by the V plan prepared for each land The Permittee agrees to no specifically prior to any parti Printed name	application field by a	a person certified in	Secretario Will Sin	1.1-104_2 of the	the nutrient mana e Code of Virgini	agement
	Printed name		Mailing Address P	O Rox 8	e me source d	of residuals to be horized Representation	applied.
-	Title Charles		/emporancevill	C, VA 23442	Signature		ve
	Complex Man	ager	Phone No. 757-	824-3471	La	1-K/m	
					1		

VIRGINIA POLLUTION ABATEMENT PERMIT	APPLICATION: PART D-VI LAND APPLICATION
AGREEMENT	THE LIGHTON. PART DIVI LAND APPLICATION

Permittee: Tyson Foods County or City: Accomack County

Landowner: Phillip Hickman + David Hickman

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

Crop Restrictions:

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

4. Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- 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

Rev 6/11/2018b

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

Landowner Coordination Form

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

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

Permittee: Tyson Foods

Rev 6/11/2018b

County or City: ACCOMACK	County	
Please Print		downer signatures are not required on this page
Tax Parcel ID(s)	La	andowner(s)
27-A-173	Phillip Hickman	+ David Hickman
27-A-175	.,	i i
27-A-176		
13-A-49B		
12-A-112	17	11
41-A-170		
		A second
	1	

Page ___of__

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLI	CATION ACDED			AND BIOSULIDS	
A. This land application agreement	OATION AGREEM	NT - BIOSOLIE	S AND IND	USTRIAL DECIDIO	
A. This land application agreemen here as "Landowner", andI yso in effect until it is terminated in	tis_made on G/31	100 hat	hillip 1	Hickman and Dan	0
in effect until it is terminated in uni	ii roous,i	eferred to here an	the UD	referred to referred to retains at are retains	101
Landowner in the event of a sale of	ing by either party or,	with respect to the	the "Permitte	e". This agreement remains	lickman
in effect until it is terminated in wri Landowner in the event of a sale of individual parcels identified in this a longer be authorized to receive bio	agreement changes to	until ownership o	f all parcels of	hanges if	
individual parcels identified in this a longer be authorized to receive bio Landowner:	solids or industrial rec	nose parcels for w	hich ownersh	in has changed with	
longer be authorized to receive bio Landowner:		iduals under this a	greement.	P nes changes will no	
				and.	
documentation identification	ion sites identified hel	located in	omack c	Virginia which includes the	
agricultural, silvicultural or reclamat documentation identifying owners, a	attached as Exhibit A.	ow iii table 1 and	identified on	the tax map(s) with county	
Table 1.: Parcels authorized to	receive hinsolide	and the same of th			
Table 1.: Parcels authorized to	T Diddollus, 1	water treatment i	residuals or	other industrial studges	1
77-1	Tax Parcel ID	Tax Parc	ol ID		
76395 27-A-173 13	1-17-49 B		CITO	Tax Parcel ID	
127-17-175 5	- M	76669			
7296 25 - 121/2	19-112 73	90 (pertial)			
T Addition	-/	- 1	-		
Additional parcels containing Land Application Check one: The Landowner	n Sites are identified on Su	1157			
Check one: The Landowner	er is the sole owner er is one of multiple	pplement A (check if a	pplicable)		
In the event that the Landowner sells within 38 months of the letters of the lett	er is one of multiple	of the properties	identified he	erein	
In the event that the Landowner sells within 38 months of the latest date of 1. Notify the purchaser or transfer	or transfer - "	owners of the pr	operties ider	itified herein	
within 38 months of the latest date of 1. Notify the purchaser or transfer than the date of the latest date.	biosolids application	of the property to	which biosolic	de have been all	
				as have been applied	
Notify the purchaser or transfithan the date of the property to Notify the Permittee of the sale.	ransfer; and	bunic access and	сгор тападе	ement restrictions no later	
The Landaum .	101 6/100/13 101	OWING property tre	3m = E -		
2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the sale within two weeks following property transfer.					
The Landowner has no other agreements for land application on the fields identified herein. The Landowner will application or any part of this agreement becames involved that the fields are no longer available to the R					
The Landaugue to the Permittee for					
agricultural citar in the state permiss	ion to the Permittee to	la- 1		a peconies incollect.	
inspections on the later above and in	Exhibit A The Land	rang abbilitiesidin	als as specific	ed helow on the	
agricultural sites identified above and ir inspections on the land identified above purpose of determining compliance with Class B biosolids Water treatment re	, before, during or aft	er land application	permission fo	or DEQ staff to conduct	
Class B biosolids Water treatment	regulatory requireme	nts applicable to	or permitted	residuals for the	
☐ Yes 💆 No ☐ Yes 💆 No	Siduals Food or	ocessing waste	application	OH,	
Printed name //	XYes	□ No	☐ Yes	striat studges IZ No	
	Malling Address				
By:	Mailing Address	10	Landowner Sig	gnature	
Title*	TTOVNION	NyVin	2000	Man I	
*☐ I certify that I have authority to sign for the *☐ I certify that I am a responsible official [or of municipality, state or federal agency, etc.	I Phone No. 757	8941720	1	1	
* I certify that I am a responsible estable	landowner as indicated by	my title as Executor	Trustan		
I certify that I am a responsible official [or of municipality, state or federal agency, etc.	fficer] authorized to act or	behalf of the corpor	Hustee or Powe	er of attorney, etc.	
Permittee:			acon, partnershi	p, proprietorship, LLC,	
Lyson Foods					
manner authorized by the VPA Permittee, agr plan prepared for each land application field b The Permittee agrees to notify the Landowner	ees to apply biosolids an	d/or industrial reside	uala en 11	89a 99	
plan prepared for each land application field b	on and in amounts not	to exceed the rates i	identified to the	downer's land in the	
The Permittee agrees to notify the Landowner specifically prior to any particular application to Printed name	ule Landowner's land	Mollon - L. W. opose	ed schedule for	land application and	
specifically prior to any particular application to	I Widling Address P.A	0 0			1
Title O Taylor	Phone No. 2	oox 8	- Authoriz	ted Representative	ĺ
Complex Manager	Phone No. 252 Co		Ignature	-1	
,	Phone No. 757-82	1-3471	ge-1	Klon	
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Tyson Foods County or City: Accomack County
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Landowner's Signature

Date

Rev 6/11/2018b

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

Landowner Coordination Form

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

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

Permittee: ___Tyson Foods

County or City: ACCOMACK	Counter
Please Print	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
27-A-173	Phillip Hickman + David Hickman
27-A-175	
27-A-176	
13-A-49B	
12-A·112	11

Page ___of___

Rev 6/11/2018b



Tract: 7487 **Accomack County**

Farm:

March 25, 2019

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

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



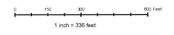


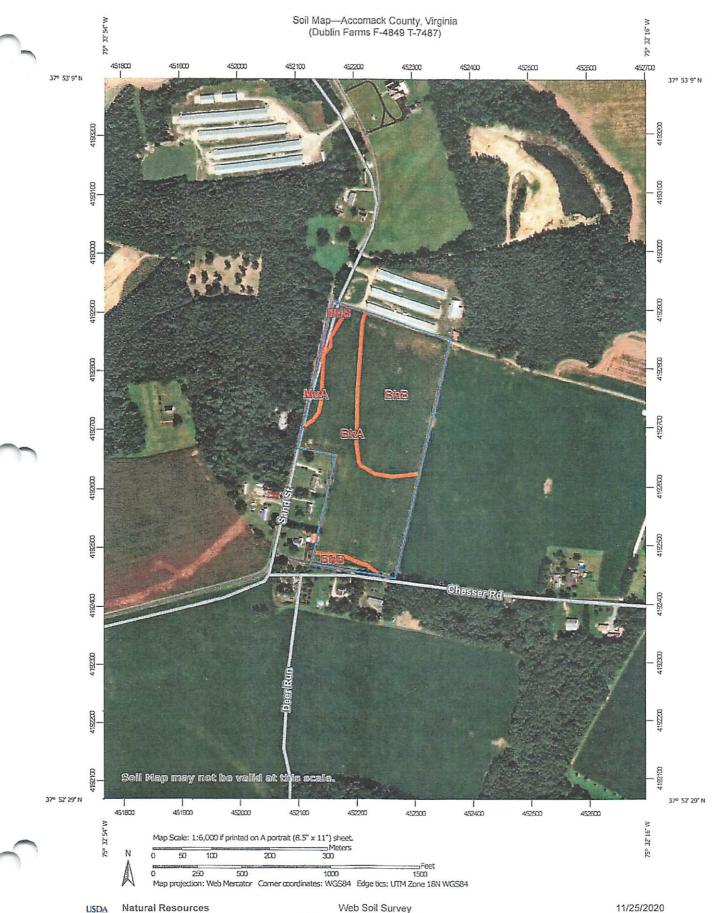
Farm: 5219 Tract: 7487

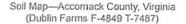
Total Field Acres: Field 1: 18.8

Total Application Acres: Field 1: 13.35









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

Slide or Slip Sodic Spot

Sinkhole

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.

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

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

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

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

Coordinate System: Web Mercator (EPSG:3857)

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

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

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

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BhB	Bojac loamy sand, 2 to 6 percent slopes	9.3	47.0%
BkA	Bojac sandy loam, 0 to 2 percent slopes	10.0	50.6%
MuA	Munden sandy loam, 0 to 2 percent slopes	0.5	2.4%
Totals for Area of Interest	•	19.8	100.0%



Map Unit Description (Brief, Generated)

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

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

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

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

Report-Map Unit Description (Brief, Generated)

Accomack County, Virginia

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

Component: Bojac (90%)

The Bojac component makes up 90 percent of the map unit. Slopes are 2 to 6 percent. This component is on terraces on coastal plains. The parent material consists of marine sediments. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 60 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

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

Component: Bojac (90%)

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

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

Component: Munden (90%)

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

Component: Nimmo (6%)

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

Data Source Information

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



Accomack County, Virginia

Legend

Tax Parcel #41-A-170: Owner: Phillip Hickman and David Hickman

Operator: Dublin Farms

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

Feet

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



Title:

F4849 T7487

Date: 11/24/2020

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

VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

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	individual parcels identified in the	one or more parcels.	until ownership a	se parcels t	hat are retained by the	
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	individual parcels identified in this ag longer be authorized to receive biose Landowner:	olids or industrial resi	duals under this a	nich owners	nip has changed will no	
	Landowner: The Landowner is the owner of record agricultural, slivicultural or reclamation documentation identifying owners, at			greement.		
	acricultural " the owner of reco	rd of the real property	January ACC	cone le	Courts.	
	documentation identification reclamation	on sites Identified belo	located in	mack	Virginia, which includes the	
	Table 1.: Parcels authorized to Tax Parcel ID	recoive bisself-t	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM			
	Tay Dora IID	receive biosolids, v	vater treatment	residuals or	other industrial sludges	
	Tax Parcel ID	ax Parcel ID	Tax Parc	al ID	The second secon	
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1 1910		1-A-1711 -	-			
	Additional parcels containing Land Application Check one: The Landowse	11 110	-7487	j		
	Check one: The Landownse	Sites are identified on Su	pplement A (check if a	applicable)		
	The Landowne	r is the sole owner	of the properties	:d::-	6	
	The Landowner sells of the event that the Landowner sells of the Lan	r is one of multiple	Owners of the p	operation is	nerein.	
	In the event that the Landowner sells of within 38 months of the latest date of the latest date of the purchaser or transfer.	or transfers all or part	of the	obernes Ide	entined herein.	
	within 38 months of the latest date of the first the purchaser or transfer	piosolids application	the Landaura	which blose	olids have been applied	
	than the data of the	ree of the applicable	Dublic access of	iali:	7.6	
	Notify the purchaser or transfer than the date of the property transfer. Notify the Permittee of the sale.	ansfer; and	Papin access all	u crop mana	gement restrictions no later	
		WILLIE INCLUDED TO	llat			
6.4.2	The Landowner has no other agreeme notify the Permittee immediately if concapplication or any part of this server.	nts for land application	n on the first state	anolar.		
	application	ditions change such t	hat the Fall	entified herei	n. The Landowner will	
	or any part of this agreeme	nt becomes invalid or	the :- f	no longer av	allable to the Permittee for	
	duncullural sites identified at	To allo I dillillittee fi	o land apply recid	117/2 22		
	inspections on the land identified above	hefore during as a	owner also grant	s permission	for DEO staff to conduct	
	inspections on the land identified above and ir inspections on the land identified above purpose of determining compliance with Class B biosolids: Water treatment re	regulatory requirem	ter land application	n of permitte	ed residuals for the	
	Water treatment m		L Lucasio (C	such applica	ation.	
	☐ Yes ☐ No ☐ Yes ☐ No	Yes	rocessing waste	Other in	dustrial sludges	
	Printed name . 4 : / - /	UA 168	□ No	☐ Yes	D.No	
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	* cortife that I have authority to sign for the	landowner as indicated	by my title as Everute	r Trucker - B	11) -0 4	
	*☐ I certify that I have authority to sign for the *☐ I certify that I am a responsible official [or of municipality, state or federal agency, etc.	officer] authorized to act	on behalf of the com	or, Trustee or P	ower of attorney, etc.	
	, my, state of federal agency, etc.		- in or the corp	oracion, partne	rship, proprietorship, LLC,	
	Permittee:					
12	Tyson Foods the Permittee, ag	rees to apply hipsolide	and/or ladout :			
	manner authorized by the VPA Permit Regular prepared for each land application field in the Permittee agrees to polify the Permittee agreement the Permittee agree	ation and in amounts no	of to exceed the man	iduals on the	Landowner's land in the	
	The Permittee assess to the	by a person certified in a	accordance with 61	0 1-104 2 -64	tile nutrient management	
	The Permittee agrees to notify the Landowne specifically prior to any particular application	r or the Landowner's de	signee of the proper	Sed schodule	for land	
1	specifically prior to any particular application in Printed name	to the Landowner's land	. Notice shall inclu	de the source	of residuals to	3
		Malling Address P.o	. Box 8	Permittee- Aus	horized Representative	i
ŀ	Title () Laylor	remporanceville	VA JOHUS	Signature	nonzed Representative	
L	Complex' Manager	Phone No. 757-8	24-200	1		1
		10.8	5-171	700	7700	
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	Rev 5/11/2018b				\sim	1

Permittee: Tyson Foods County or City: ACCOMack County
Landowner: Phillip Hickman + David Hickman

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.

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:

 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).

Livestock Access Restrictions:

Following blosolids application to pasture or hayland sites:

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

Landowner's Signature

Date

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

Permittee: Tyson Foods

Rev 6/11/2018b

Landowner Coordination Form

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County or City: ACCO MACK	Counter
I lodge Fillit	(Landowner signatures are not required on this page
Tax Parcel ID(s)	Landowner(s)
27-A-173	Phillip Hickman + Durid Hickman
27-H-175	
27-A-176	
13-A-49B	
12-A-112	17
41-A-170	

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VPA PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

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	Landowner in the event of	d in writing by either party or, with a sale of one or more parcels, until in this agreement changes, those give biosolids or industrial.	espect to those parcels	referred to referred to referred to referred to referred to remains	lickman
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	27-12-175	12-11	669		
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	Additional	41-A-170 +7	487		
	Charles parcels containing Land.	Application Sites are identified on Supplem	anl A fake at it.		
	Check one: D The La	ndowner is the sole owner of the	e properties identificati		
	In the current to the La	ndowner is the sole owner of the ndowner is one of multiple owner sells or transfers all or part of the	ers of the properties id	nerein.	
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	*☐ I certify that I am a responsible of	ign for the landowner as indicated by my Ifficial [or officer] authorized to act on bel	title as Executor, Trustee or P	ower of attorney etc	
	municipality, state or federal agency,	ign for the landowner as indicated by my Ifficial [or officer] authorized to act on bel etc.	alf of the corporation, partne	ership, proprietorship, LLC.	
	Permittee:				
	Tyson Foods the Pen	miltee, agrees to apply biosolide and	a landon L. L. L.		
	plan prepared for each land applied	niltee, agrees to apply biosolids and/o nit Regulation and in amounts not to e tion field by a person certified in accon	Kceed the rates identified to	Landowner's land in the	
	The Permittee agrees to a six	non need by a person certified in accord	lance with 610 1-104 2 of	tille nutrient management	
	specifically prior to any particular ap	and need by a person certified in accommodant or the Landowner's designer plication to the Landowner's land. Not Mailing Address P.A. Roy	e of the proposed schedule	for land application and	
	Printed name	Malling Address P.o. Box	the source	or residuals to be applied.	
	nevin laylor	Temporanceville, VA	Permittee- Au Signature	thorized Representative	
	Title Complex Manager	Phone No. 257- 824-	205772	1-12	ì
		75. 067	577/	17/0	
			,	1 1	1

Rev 6/11/2018b

Page 1 of 2

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

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Permittee: Tyson Foods	ν,	,3 :
Landowner: Phyllip Hack	Man + David Hickman	Cently
THE FUEL	man + Durid Hickman	- /

Landowner Site Management Requirements:

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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.

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

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

Crop Restrictions:

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

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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.
- 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 kilograms/hectare).

4 Mulu In Landowner's Signature

Rev.6/11/2018b

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

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