

## **NEW FARM SITE PACKAGES**

**ATTACHMENT A**

**NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES**

Site Name	Tract	Field #	Total Acres	Landowner
Bradley	9303	1	38.3	Robert and Carl Bradley
		4	12.5	"
		<b>Total:</b>	<b>50.8</b>	
Bradley	3332	1	41.2	Robert and Carl Bradley
		2	13.4	"
		3	11.0	"
		4	5.0	"
		5	8.0	"
		6	31.1	"
		7	15.6	"
		8	3.0	"
		9	0.6	"
	<b>Total:</b>	<b>128.9</b>		
Bradley	2620	1	50.7	Robert and Carl Bradley
		<b>Total:</b>	<b>50.7</b>	

**ATTACHMENT A**

**NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
Bradley	2603	1	16.1	Robert and Carl Bradley
		3	17.0	"
		4	9.2	"
		<b>Total:</b>	<b>42.3</b>	
D.Dowden	1612	1	22.0	David Dowden
		3	24.4	"
		<b>Total:</b>	<b>46.4</b>	
J.Dowden	1672	1	35.8	James Dowden
		2	26.6	"
		3	39.1	"
		4	30.4	"
		<b>Total:</b>	<b>131.9</b>	

**ATTACHMENT A**

**NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
J.Dowden	1712	1	53.0	James Dowden
		2	42.1	"
		3	6.8	"
		4	27.2	"
		5	6.6	"
		6	10.0	"
		7	39.1	"
		8	42.7	"
		9	14.8	"
		10	17.8	"
		11	39.4	"
		12	19.4	"
		13	15.0	"
		<b>Total:</b>	<b>333.9</b>	
D.Gilliam	2669	1	38.8	Duane Gilliam
		2	12.0	"
		<b>Total:</b>	<b>50.8</b>	
D.Gilliam	9262	1	30.1	Duane Gilliam
		3	38.9	"
		4a	67.9	"
		4b	43.8	"
		<b>Total:</b>	<b>180.7</b>	
D.Gilliam	2705	1	35.4	Duane Gilliam
		2	37.1	"
		<b>Total:</b>	<b>72.5</b>	

**ATTACHMENT A**

**NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
G.D.Gilliam	1437	1	115.2	G.D. Gilliam
		<b>Total:</b>	<b>115.2</b>	
G.D.Gilliam	2023	1	32.1	G.D. Gilliam
		2	6.0	
		3	58.8	
		4	45.0	
		5	20.0	
		6	74.4	
		<b>Total:</b>	<b>236.3</b>	
G.D.Gilliam	2410		140.6	
		<b>Total:</b>	<b>140.6</b>	
G.D.Gilliam	2597	1	73.1	G.D. Gilliam
		2	23.6	
		3	81.5	
		4	21.6	
		5	25.4	
		6	4.5	
		<b>Total:</b>	<b>229.7</b>	
G.D.Gilliam	3409	2	68.8	G.D. Gilliam
		3	11.7	
		4	56.4	
		<b>Total:</b>	<b>136.9</b>	
G.D.Gilliam	2512	1	2.0	Dale Carwile
		<b>Total:</b>	<b>2.0</b>	

**ATTACHMENT A  
NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
G.D.Gilliam	2515	1	8.0	Dale Carwile
		2	17.6	"
		<b>Total:</b>	<b>25.6</b>	
G.D.Gilliam	2404	1	19.0	Dale Carwile
		2	7.1	"
		3	12.0	"
		4	13.0	"
		5	18.4	"
		<b>Total:</b>	<b>69.5</b>	
G.D.Gilliam	2409	1	7.4	Dale Carwile
		2	1.7	"
		3	10.1	"
		4	5.5	"
		5	6.4	"
		<b>Total:</b>	<b>31.1</b>	
P.Gilliam	2626	1	10.0	Paul Gilliam
		2	11.2	"
		3	6.1	"
		4	4.5	"
		5	9.0	"
		6	11.7	"
		7	14.2	"
		8	22.4	"
		9	10.5	"
		<b>Total:</b>	<b>99.6</b>	

**ATTACHMENT A  
NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
Holt	2500	1	13.2	C.Steve Holt
		2	11.9	"
		3	3.4	"
		4	3.3	"
		5	5.7	"
		6,7	6.6	"
		8	2.0	"
		9	2.9	"
		10	1.2	"
		11	7.7	"
		<b>Total:</b>	<b>57.9</b>	
Holt	3046	1	6.8	C.Steve Holt
		2	0.4	"
		<b>Total:</b>	<b>7.2</b>	
Holt	9418	5	2.4	C.Steve Holt
		7	6.0	"
		8	2.5	"
		9	4.4	"
		<b>Total:</b>	<b>15.3</b>	

**ATTACHMENT A  
NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
Mason	2863	1	18.6	John Mason
		2	5.1	"
		3	7.5	"
		4	26.2	"
		5	11.3	"
		<b>Total:</b>	<b>68.7</b>	
Mason	2917	1	2.3	John Mason
		2	7.0	"
		<b>Total:</b>	<b>9.3</b>	
Mason	2848	1	10.5	John Mason
		2	3.7	"
		3	12.7	"
		4	6.9	"
		5	5.9	"
		6	9.7	"
		8	25.6	"
		<b>Total:</b>	<b>75.0</b>	
Mason	2884	1	9.1	John Mason
		2	14.5	"
		3	38.1	"
		<b>Total:</b>	<b>61.7</b>	

**ATTACHMENT A  
NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
Mason	2925	1	14.0	John Mason
		2	11.0	"
		3	16.8	"
		<b>Total:</b>	<b>41.8</b>	
Mason	2841	1	7.5	John Mason
		2	3.5	"
		3	13.7	"
		4	4.2	"
		5	12.8	"
		6	10.1	"
		7	6.0	"
<b>Total:</b>	<b>57.8</b>			
Mason	2843	1	26.3	John Mason
		2	13.6	"
		<b>Total:</b>	<b>39.9</b>	
Mason	9268	1	4.2	John Mason
		2	8.4	"
		3	2.0	"
		4	2.1	"
<b>Total:</b>	<b>16.7</b>			
Mason	2824	1	20.9	John Mason
		2	1.8	
		3	3.6	
		<b>Total:</b>	<b>26.3</b>	

**ATTACHMENT A  
NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
McGuire	1167	1	22.4	Brian McGuire
		2	83.5	"
		3	4.6	"
		4	36.9	"
		5	23.1	"
		<b>Total:</b>	<b>170.5</b>	
McGuire	1202	1	33.8	Brian McGuire
		2	68.8	"
		3	17.0	"
		4	28.3	"
		5	24.3	"
		6	15.2	"
		7	22.8	"
		8	21.0	"
		9	63.0	"
		10	13.7	"
		11	31.7	"
		12	34.0	"
		13	26.5	"
		14	60.1	"
		15	53.7	"
		16	17.1	"
		17	23.1	"
		18	21.0	"
		19	4.5	"
		20	16.8	"
		<b>Total:</b>	<b>596.4</b>	

**ATTACHMENT A  
NUTRI-BLEND, INC.  
CAMPBELL COUNTY LAND APPLICATION SITES (continued)**

Site Name	Tract	Field #	Total Acres	Landowner
McGuire	1216.0	1	119.1	Brian McGuire
		2	17.3	"
		4	17.2	"
		5	13.2	"
		<b>Total:</b>	<b>166.8</b>	
<b>ACREAGE</b>	<b>GRAND</b>	<b>TOTAL:</b>	<b>3586.7</b>	

Attachment B.

Wastewater Treatment Works	Location	Treatment Process	Annual Production
Annapolis Naval Academy	Annapolis, MD	Digested	
Aquia	Stafford Co., VA	Aerobic Digestion	
Back River	Baltimore, MD.	Anaerobic Digestion	
Bergen County	Bergen, NJ	Anaerobic Digestion	
Boydton	Boydton, VA	Anaerobic Digestion	
City of Alexandria	Alexandria, VA	Anaerobic Digestion	
City of Arlington	Arlington, VA	Lime Stabilized	
City of Danville	Danville, VA	Lime Stabilized	3 million gal/yr
City of Fredericksburg	Fredericksburg, VA	Anaerobic Digestion	
City of Lynchburg	Lynchburg, VA	Anaerobic Digestion	
City of New York	New York, NY	Anaerobic Digestion	
City of Philadelphia	Philadelphia, PA	Anaerobic Digestion	
City of Richmond	Richmond, VA	Anaerobic Digestion	28,000 wet tons/yr
Clover	Clover, VA	Anaerobic Digestion	
County of Henrico	Henrico Co., VA	Anaerobic Digestion	29,000 wet tons/yr
Cox Creek	Annapolis, MD	Lime Stabilized	
Dale City	Dale City, VA	Anaerobic Digestion	
Falling Creek	Chesterfield Co., VA	Anaerobic Digestion	29,500 wet tons/yr
Fighting Creek/ Dutoy Creek	Powhatan Co., VA	Anaerobic Digestion	220,000 gal/yr
HRSD - Atlantic	Virginia Beach, VA	Anaerobic Digestion	
Joint Meeting Authority	Essex & Union Co., N	Lime Stabilized	
Lawrenceville	Lawrenceville, VA	Anaerobic Digestion	
Little Falls River	Stafford Co., VA	Aerobic Digestion	
Little Patuxent	Howard Co., MD	Lime Stabilized	
Lower Potomac	Fairfax Co., VA	Lime Stabilized	
Mattawoman	Charles Co., MD	Lime Stabilized	
Middlesex Co. Utilities Authority	Sayerville, NJ	Lime Stabilized	
Parkway	Laurel, MD	Lime Stabilized	
Patapsco	Baltimore, MD.	Lime Stabilized	
Piscataway	Piscataway, MD	Lime Stabilized	
Proctors Creek	Chesterfield Co., VA	Anaerobic Digestion	
Rock Hall	Rock Hall, MD	Digested	
South Boston	South Boston, Va	Anaerobic Digestion	
South Hill	South Hill, VA	Anaerobic Digestion	
South Central Wastewater Autho	Petersburg, VA	Lime Stabilized	
Sussex Service Authority	Waverly, VA	Aerobic Digestion	
Town of Altavista	Altavista, VA	Anaerobic Digestion	
Town of Culpeper	Culpeper, VA	Anaerobic Digestion	
Town of Farmville	Farmville, VA	Aerobic Digestion	500,000 gal/yr
Town of Kenbridge	Kenbridge, VA	Anaerobic Digestion	
Town of Tappahannock	Tappahannock, VA	Anaerobic Digestion	
Town of Victoria	Victoria, VA	Anaerobic Digestion	
Town of Warrenton	Warrenton, VA	Anaerobic Digestion	
Town of Warsaw	Warsaw, VA	Anaerobic Digestion	
Upper Occaquan Sewage Author	Centerville, VA	Anaerobic Digestion	
Valley Forge	Valley Forge, PA	Anaerobic Digestion	
WASA - Blue Plains	Washington, D.C.	Lime Stabilized	200,000 wet tons/yr
York	York, PA	Lime Stabilized	

## FIELD OPERATIONS AND TRANSPORT

Following loading at the WWTW, the biosolids will be transported to the application sites using the most direct primary and secondary state highways. The drivers will be instructed to avoid residential areas where possible.

Prior to initiating field operations, the farm operator will be contacted relative to available fields, specific field conditions, and anticipated cropping schedule. Field conditions will be deemed acceptable only when both the farm operator and the field superintendent concur. Daily field records will be kept by the field superintendent utilizing a voucher ticket system to keep track of biosolids delivered and applied at the application site.

Trucks will be unloaded in the field at designated staging areas. To minimize field compaction by applicator and truck traffic, the staging areas will be selected in regard to buffer restrictions, topography, access, farm management concerns, and soil conditions. Although several staging areas will be required for the typical field, all efforts will be made to minimize the number of staging areas.

Cake biosolids will be removed from the staging area with the use of a John Deere 544H rubber-tired front end loader equipped with a 4 cu yd bucket or similar front end loader. Next, the biosolids will be loaded into a Knight Proslinger spreader box with a side discharge applicator, or onto a similar applicator. The spreader box will be pulled by a John Deere 9400 farm tractor or similar farm tractor which will provide the power take off for the spreader box ram and beaters.

Following biosolids application the biosolids will be incorporated into the soil if the cropping system allows. On hay and pasture fields, biosolids will be surface applied.

Prior to leaving the application site, the transportation trucks will be scraped along wheels, mud flaps, tailgate, etc., to minimize tracking mud onto state highways. The drivers will be instructed on the importance of preventing mud from being tracked onto state roads relative to public perception of site activities and safety considerations.

Once an area of the farm has received the design application rate, the sludge application operation will relocate and phase out the staging area. Each staging area will be inspected by the field superintendent who will direct the phase out. Biosolids, including some small amounts of soil, in the staging areas will be collected with the front end loader and then land applied in the normal manner.