

November 25, 1996

Mike Everhart
P.O. Box 447
West Jefferson, NC 28694

Dear Mr. Everhart;

The Division of Waste Management has reviewed your request submitted to land apply whey from the Ashe County Cheese Company plant in West Jefferson, NC. The request is considered approved with the following provisions:

- 1) Land application of the whey shall be done at agronomic rates for the crops grown at each site and in accordance with the nutrient management plan submitted.
- 2) Whey shall not be land applied when weather conditions are such that drift may occur into setback areas.
- 3) The following minimum setbacks shall be maintained;

Non-landowner residences or businesses	100 feet	
Surface waters		50 feet
State road right of way	25 feet	
Ditches or drainageways	25 feet	
- 4) Records shall be maintained in accordance with the nutrient management plan.
- 5) A report shall be submitted by August 1 of each year on the land application activities during the fiscal year running from July 1 through June 30 of the following year. The report shall include the information indicated in the nutrient management plan and an indication of the economic advantages of the land application of the whey.
- 6) Any evidence of runoff from a land application site may result in revocation or modification of this approval. This could include the need for additional storage capacity.

Mr. Mike Everhart
November 25, 1996
Page 2

If you have any questions concerning this approval please contact Ted Lyon at
919-733-0692 ext. 253.

Sincerely,

Dexter R. Matthews, Chief
Solid Waste Section

cc: Charles Young
Brent Rockett

DRM/TL/sh

h:cla/landapp/other/ashwhey.doc

PermitNumber	FacilityType	FacilityName	FacilityLocation	County	OperatorFirstName	OperatorLastName	OperatorStreetAddress
8-01	LASA	Alliance One International, Inc	Farmland operated by Richard Aycock in Wilson County	Pitt	Terry	Koonce	PO Box 166

tblLandAppS

PermitNumber	FacilityType	FacilityName	FacilityLocation	County	OperatorFirstName	OperatorLastName	OperatorStreetAddress
05-01	LASA	Ashe County Cheese Co	Ashe Co	Ashe	Mike	Everhart	105/106 East Ma

Michael,

I noticed the above Land App facility 98-01 approval has expired. Do I need to contact them? I also noticed the Ashe county 05-01 Land App facility does not have an expiration date in the database.

Tony

Gallagher, Tony

From: Scott, Michael
Sent: Wednesday, October 03, 2012 10:55 AM
To: Gallagher, Tony
Subject: RE: Land App site

Tony,

I would pull the approval letter for LASA 98-01 and confirm the expiration date and then contact them. Make sure the approval is not under Craven Ag also. Pull the Ashe County Cheese letter and check for any dates. If there are no dates you may want to schedule a site visit later in the year to check on things and then decide if a date is needed based on the operation of the site. We typically do five year approvals and 1-2 years for new LASAs.

Michael

Michael E. Scott, Chief
Solid Waste Section
NC DENR-Division of Waste Management
1646 Mail Service Center Raleigh, NC 27699-1646
919-707-8246 (Phone / Fax)
michael.scott@ncdenr.gov
<http://portal.ncdenr.org/web/wm/sw>

The physical address at Green Square is:
NCDENR
Division of Waste Management
217 W. Jones St.
Raleigh, NC 27603

Email correspondence to and from this address may be subject to the NC Public Records Law and may be disclosed to third parties.

From: Gallagher, Tony
Sent: Tuesday, October 02, 2012 2:05 PM
To: Scott, Michael
Subject: Land App site

tbiLandApp

ASHE
COUNTY
CHEESE



Traditional & Handcrafted



October 22, 2012

Mr. Tony Gallager
State of North Carolina
Department of Environment, Health, and Natural Resources
Waste Management Division
P.O. Box 27687
Raleigh, NC 27611-7687

Dear Mr. Gallager,

Annual Report of Whey Disposal

Total amount of whey field spread from July 1, 2011 through June 30, 2012:
2,525,202 gallons, at a value of \$13,957.06.

Approximate amount of nitrogen applied: 3,646 lbs, at a value of \$1786.54 (\$.49 per pound).

Approximate amount of phosphorus applied: 5,837 lbs, at a value of \$3,035.24 (\$.52 per pound).

Approximate amount of potassium (potash) applied: 16,313 lbs, at a value of \$9,135.28 (\$.56 per pound).

Respectfully Submitted,

Lucas Everhart
Ashe County Cheese Company

Enclosure: Diagnostic Waste Report (2)



Diagnostic

Waste Report

Client: Ashe County Cheese Co.
 PO Box 447
 106 E Main St.
 West Jefferson, NC 28694

Advisor:

County: Ashe

[Links to Helpful Information](#)

Sampled: 10/08/2012 Received: 10/10/2012 Completed: 10/11/2012 Farm: 37-77

Sample Information	Nutrient and Other Measurements																			
	Nitrogen (N) (ppm)	P (ppm)	K (ppm)	Ca (ppm)	Mg (ppm)	S (ppm)	Fe (ppm)	Mn (ppm)	Zn (ppm)	Cu (ppm)	B (ppm)	Na (ppm)	C (ppm)							
Sample ID: 010081	Total N	320	1270	462	91.6	118	1.33	0.05	0.94	0.26	0.26	595								
Waste Code: 100	Total Kjeldahl N	896																		
Description: Indust.-Other	Inorganic N	0	pH	DM (%)	SS (10 ⁻⁵ S/cm)	EC (mS/cm)	CCE (%)	ALE(1000 gal.)	C:N											
Comments:	NH4-N	4.25																		
	NO3-N																			
	Organic N		Ni (ppm)	Cd (ppm)	Pb (ppm)	Al (ppm)	Se (ppm)	Li (ppm)	As (ppm)	Cr (ppm)	Co (ppm)	Cl (ppm)	Mo (ppm)							
	Urea																			
Application Method	Estimate of Nutrients Available for First Crop (lb / 1000 gal.)											Other Elements (lb / 1000 gal.)								
	N	P2O5	K2O	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	Cl	Na	Ni	Cd	Pb	Al	Se	Li
Soil Incorporated	2.99	4.59	11.4	2.89	0.57	0.74	0.01	0.00	0.01	0.00	0.00		4.96							
Broadcast	2.24	3.67	10.1	2.31	0.46	0.59	0.01	0.00	0.00	0.00	0.00		4.96							

Agronomist's Comments:

Final report with the estimate of nutrients available calculated. Please contact me if you have questions. 10/19/2012 (brc)

*****Preliminary report***** Nutrients available will be provided as soon as the issue is fixed in new LIMS. Contact me if you need the information right now. Brenda R. Cleveland
 10/15/2012 11:24 AM



Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.
 - Steve Troxler, Commissioner of Agriculture.

Ashe County Cheese Co.

Sample Information	Nutrient and Other Measurements												
	Nitrogen (N) (ppm)	P (ppm)	K (ppm)	Ca (ppm)	Mg (ppm)	S (ppm)	Fe (ppm)	Mn (ppm)	Zn (ppm)	Cu (ppm)	B (ppm)	Na (ppm)	C (ppm)
Sample ID: 010101	Total N	316	1280	446	88.1	115	1.98	0.06	1.79	0.32	0.23	753	
Waste Code: 100	Total Kjeldahl N	929											
Description: Indust.-Other	Inorganic N	0	pH	DM (%)	SS (10 ⁻⁵ S/cm)	EC (mS/cm)	CCE (%)	ALE (1000 gal.)	C:N				
Comments:	NH ₄ -N	4.20	50.0										
	NO ₃ -N												
	Organic N		Ni (ppm)	Cd (ppm)	Pb (ppm)	Al (ppm)	Se (ppm)	Li (ppm)	As (ppm)	Cr (ppm)	Co (ppm)	Cl (ppm)	Mo (ppm)
	Urea												

Application Method	Estimate of Nutrients Available for First Crop (lb / 1000 gal.)										Other Elements (lb / 1000 gal.)									
	N	P ₂ O ₅	K ₂ O	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	Cl	Na	Ni	Cd	Pb	Al	Se	Li
Soil Incorporated	3.10	4.52	11.5	2.79	0.55	0.72	0.01	0.00	0.01	0.00	0.00			6.28						
Broadcast	2.32	3.62	10.3	2.23	0.44	0.57	0.01	0.00	0.01	0.00	0.00			6.28						

Understanding the Waste Report * - additional information: www.ncagr.gov/agronomi/pdf/ufwaste.pdf & www.ncagr.gov/agronomi/pdf/wasteguide.pdf

Nutrient concentrations and other data on this report are provided so that waste materials can be applied at agronomic rates, thereby supplementing or reducing fertilizer application and preventing environmental contamination. In reading the **Laboratory Results** section, remember that materials with < 15% dry matter (generally liquids) are analyzed as received; all other wastes are dried first. Values in the **Estimate of Nutrients Available for First Crop** section are based on the type of waste and method of application you specify and reflect the fact that only 40-60% of the nitrogen and 70-100% of other nutrients become available within one year of application. The remainder may or may not ever become available.

* ppm = parts per million; S = siemens; mS = millisiemens; T = trace (<0.005 lb/unit); EC = electrical conductivity; CCE = calcium carbonate equivalence; ALE = agricultural lime equivalence; pH = acidity or basicity; DM% = % dry matter [for semi-solid and solid waste samples, this value facilitates conversion of dry-basis concentrations (ppm) back to wet-basis of original sample]; C:N ratio = carbon:nitrogen ratio.