NCDENR
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Dexter R. Matthews
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

October 18, 2011

Mr. Steve Cockman
McGill Environmental Systems
634 Christian Chapel Church Road
New Hill, North Carolina 27562

Re: Permit Modification
SWC-19-06

Dear Mr. Cockman:

The Division of Waste Management, Solid Waste Section, has reviewed your request to add waste water from the production of vaccines and pet products at Merial Select in Fuquay-Varina, NC to the list of feedstocks that you may handle at your compost facility, permit number SWC-19-06. Your request to add this material and the manner in which it will be managed is considered approved. The total volume of the waste waste shall not exceed 2,000 gallons per week without additional approval by the Division of Waste Management. These changes will be incorporated into your permit.

The permit modification is effective upon receipt of this letter. If you have any questions please feel free to contact me at 919-508-8497.

Sincerely,

Michael E. Scott, Chief
Solid Waste Section

cc: John Patrone, Environmental Senior Specialist, Winston Salem Regional Office
Donna Wilson, Environmental Engineer
Central File

h:cla/compost/permits/19-chath/19-06 perm mod-10_11

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-508-8400 \ FAX: 919-715-4061 \ Internet: www.wastenotnc.org

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One NorthCarolina Naturally

Total Mercury Results

From: William Sherman [mailto:sherman@tritestinc.com]
Sent: Tuesday, October 11, 2011 12:57 PM
To: Thome, Daniel AH/US
Subject: results

Daniel

Results for your mercury analysis

9-539-1 Hg. <2.02 ug/kg
9-539-2 Hg <1.98 ug/kg

Thanks

William Sherman

President

Tritest, Inc.

www.tritestinc.com

wsherman@tritestinc.com

Office: 919.834.4984

Fax: 919.834.6497

TRiTEST

Laboratory Report

Lab Location 'R'
NC/WW Cert.#: 067 NC/DW Cert.#: 37731
6701 Conference Dr, Raleigh, NC 27607
Ph: (919) 834-4984 Fax: (919) 834-6497

Lab Location 'C'
NC/WW Cert.#: 103 NC/DW Cert.#: 37733
6300 Ramada Dr, Suite C2, Clemmons, NC 27012
Ph: (336) 766-7846 Fax: (336) 766-2514

Lab Location 'W'
NC/WW Cert.#: 075 NC/DW Cert.#: 37721
6624 Gordon Rd, Unit G, Wilmington, NC 28411
Ph: (910) 763-9793 Fax: (910) 343-9688

Project No.:
Project ID: **FULL TCLP ANALYSIS**

Report Date: **10/5/2011**
Date Received: **9/9/2011**

--- Prepared for ---

Mr. Daniel Thome
Merial Select
3225 Air Park Road
Fuquay-Varina, NC 27526

Work Order #: **1109-00539**
Cust. Code: **ME5911**
Cust. P.O.#: **5002766**

No.	Sample ID	Date Sampled	Time Sampled	Matrix	Sample Type	Condition
001	LIFT STATION	9/9/2011	14:15	WW	Grab	4 +/- 2 deg C

Test Performed	Method	Results	Analyzed Lab Loc	Analyzed Date	Analyzed Time	Qualifier
Metals TCLP Package	EPA 1311		R	9/16/11	14:44	
TCLP Arsenic	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Barium	EPA 200.8	<1.00 mg/L	R	9/16/11	14:44	
TCLP Cadmium	EPA 200.8	<0.010 mg/L	R	9/16/11	14:44	
TCLP Chromium	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Lead	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Selenium	EPA 200.8	<0.010 mg/L	R	9/16/11	14:44	
TCLP Silver	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Mercury Analysis	EPA 245.1	0.385 ug/L	R	9/19/11	15:30	
TCLP Pesticides; Liquids	EPA 8081A		R	9/12/11	15:00	
gamma-BHC (Lindane)	EPA 8081A	<0.05 ug/L	R	9/12/11	15:00	
Chlordane	EPA 8081A	<0.2 ug/L	R	9/12/11	15:00	
Endrin	EPA 8081A	<0.06 ug/L	R	9/12/11	15:00	
Heptachlor	EPA 8081A	<0.05 ug/L	R	9/12/11	15:00	
Heptachlor Epoxide	EPA 8081A	<0.8 ug/L	R	9/12/11	15:00	
Methoxychlor	EPA 8081A	<0.5 ug/L	R	9/12/11	15:00	
Toxaphene	EPA 8081A	<2.4 ug/L	R	9/12/11	15:00	
TCLP Volatiles by 8260B	EPA 8260B		R	9/16/11	7:06	
Benzene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Carbon tetrachloride	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Chlorobenzene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Chloroform	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
1,2-Dichloroethane	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
1,1-Dichloroethene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Methyl ethyl ketone (MEK)	EPA 8260B	<50 ug/L	R	9/16/11	7:06	
Tetrachloroethene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Trichloroethene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Vinyl chloride	EPA 8260B	<10 ug/L	R	9/16/11	7:06	
TCLP 8270	EPA 8270C		R	9/7/11	15:00	
1,4-Dichlorobenzene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2,4-Dinitrotoluene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Hexachlorobenzene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	

TRiTEST
6701 Conference Drive
Raleigh, NC 27607
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NC/WW Cert. #: 067
NC/DW Cert. #: 37731

Laboratory Report

Work Order #: **1109-00539**

No.	Sample ID	Date Sampled	Time Sampled	Matrix	Sample Type	Condition
001	LIFT STATION	9/9/2011	14:15	WW	Grab	4 +/- 2 deg C

Test Performed	Method	Results	Analyzed Lab Loc	Analyzed Date	Analyzed Time	Qualifier
Hexachlorobutadiene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Hexachloroethane	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2-Methylphenol	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
3- & 4-Methylphenol	EPA 8270C	0.158 mg/L	R	9/7/11	15:00	
Nitrobenzene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Pentachlorophenol	EPA 8270C	<0.250 mg/L	R	9/7/11	15:00	
Pyridine	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2,4,5-Trichlorophenol	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2,4,6-Trichlorophenol	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
TCLP Herbicides by 8151	EPA 8151		R	9/15/11	0:00	
2,4-D	EPA 8150	<5.0# mg/L	R	9/15/11	0:00	
2,4,5-TP (Silvex)	EPA 8150	<0.5# mg/L	R	9/15/11	0:00	
Flashpoint (Setaflash)	EPA 1020	>140# deg-F	R	9/15/11	0:00	
Reactive Cyanide	EPA 4500C&E	<0.5# mg/L	R	9/15/11	0:00	
Reactive Sulfide	SW846-9030A	<25# mg/L	R	9/15/11	0:00	
Corrosivity to Steel	SW846-1110	7.66su@18.6C#	R	9/15/11	0:00	
Arsenic	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Cadmium	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Copper	EPA 6020	42.0 mg/kg	R	9/29/11	15:23	
Chromium	EPA 6020	23.9 mg/kg	R	9/29/11	15:23	
Lead	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Mercury	EPA 7471B	<454,000 ug/kg	R	9/27/11	15:36	
Molybdenum	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Nickel	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Selenium	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Zinc	EPA 6020	<10.1 mg/kg	R	9/29/11	15:23	
Aluminum	EPA 6020	1900 mg/kg	R	9/29/11	15:23	
Calcium	EPA 6020	99,000 mg/kg	R	9/30/11	10:21	
Magnesium	EPA 6020	10,500 mg/kg	R	9/30/11	10:21	
Potassium	EPA 6020	20,100 mg/kg	R	9/30/11	10:21	
Sodium	EPA 6020	21,400 mg/kg	R	9/30/11	10:21	
Ammonia	EPA 350.1	95,600 mg/kg	R	9/29/11	13:45	A
Total Phosphorus	EPA 365.4	7700 mg/kg	R	10/5/11	10:03	A
pH	EPA 9045	7.2 S.U.	R	9/26/11	8:45	
PLANT AVAILABLE NITROGEN	CALCULATION	53,900 mg/kg	R	10/5/11	13:45	
pH disclaimer	Exceeds holding time.	-	R	9/27/11	8:07	
Total Kjeldahl Nitrogen	EPA 351.2	116,000 mg/kg	R	10/5/11	13:00	A
Nitrate-Nitrite	EPA 353.2	23.4 mg/kg	R	9/29/11	15:36	A
Total Nitrogen Calculation	CALC.	23.4 mg/kg	R	10/5/11	13:00	
Percent Dry Weight	SM 2540G	0.10 %	R	9/27/11	14:28	D

TRiTEST
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Raleigh, NC 27607
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NC/WW Cert. #: 067
NC/DW Cert. #: 37731

Laboratory Report

Work Order #: **1109-00539**

No.	Sample ID	Date Sampled	Time Sampled	Matrix	Sample Type	Condition
002	SUGAR TANK	9/9/2011	14:25	WW	Grab	4 +/- 2 deg C

Test Performed	Method	Results	Analyzed Lab Loc	Analyzed Date	Analyzed Time	Qualifier
Metals TCLP Package	EPA 1311		R	9/16/11	14:44	
TCLP Arsenic	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Barium	EPA 200.8	<1.00 mg/L	R	9/16/11	14:44	
TCLP Cadmium	EPA 200.8	<0.010 mg/L	R	9/16/11	14:44	
TCLP Chromium	EPA 200.8	0.067 mg/L	R	9/16/11	14:44	
TCLP Lead	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Selenium	EPA 200.8	<0.010 mg/L	R	9/16/11	14:44	
TCLP Silver	EPA 200.8	<0.050 mg/L	R	9/16/11	14:44	
TCLP Mercury Analysis	EPA 245.1	3.57 ug/L	R	9/19/11	15:30	
TCLP Pesticides; Liquids	EPA 8081A		R	9/12/11	15:00	
gamma-BHC (Lindane)	EPA 8081A	<0.05 ug/L	R	9/12/11	15:00	
Chlordane	EPA 8081A	<0.2 ug/L	R	9/12/11	15:00	
Endrin	EPA 8081A	<0.06 ug/L	R	9/12/11	15:00	
Heptachlor	EPA 8081A	<0.05 ug/L	R	9/12/11	15:00	
Heptachlor Epoxide	EPA 8081A	<0.8 ug/L	R	9/12/11	15:00	
Methoxychlor	EPA 8081A	<0.5 ug/L	R	9/12/11	15:00	
Toxaphene	EPA 8081A	<2.4 ug/L	R	9/12/11	15:00	
TCLP Volatiles by 8260B	EPA 8260B		R	9/16/11	7:06	
Benzene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Carbon tetrachloride	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Chlorobenzene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Chloroform	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
1,2-Dichloroethane	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
1,1-Dichloroethene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Methyl ethyl ketone (MEK)	EPA 8260B	425 ug/L	R	9/16/11	7:06	
Tetrachloroethene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Trichloroethene	EPA 8260B	<5 ug/L	R	9/16/11	7:06	
Vinyl chloride	EPA 8260B	<10 ug/L	R	9/16/11	7:06	
TCLP 8270	EPA 8270C		R	9/7/11	15:00	
1,4-Dichlorobenzene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2,4-Dinitrotoluene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Hexachlorobenzene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Hexachlorobutadiene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Hexachloroethane	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2-Methylphenol	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
3- & 4-Methylphenol	EPA 8270C	0.314 mg/L	R	9/7/11	15:00	
Nitrobenzene	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
Pentachlorophenol	EPA 8270C	<0.250 mg/L	R	9/7/11	15:00	
Pyridine	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2,4,5-Trichlorophenol	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	
2,4,6-Trichlorophenol	EPA 8270C	<0.050 mg/L	R	9/7/11	15:00	

TRiTEST

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NC/WW Cert. #: 067
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Laboratory Report

Work Order #: **1109-00539**

No.	Sample ID	Date Sampled	Time Sampled	Matrix	Sample Type	Condition
002	SUGAR TANK	9/9/2011	14:25	WW	Grab	4 +/- 2 deg C

Test Performed	Method	Results	Analyzed Lab Loc	Analyzed Date	Analyzed Time	Qualifier
TCLP Herbicides by 8151	EPA 8151		R	9/15/11	0:00	
2,4-D	EPA 8150	<5.0# mg/L	R	9/15/11	0:00	
2,4,5-TP (Silvex)	EPA 8150	<0.5# mg/L	R	9/15/11	0:00	
Flashpoint (Setaflash)	EPA 1020	>140# deg-F	R	9/14/11	0:00	
Reactive Cyanide	EPA 4500C&E	<0.5# mg/kg	R	9/15/11	0:00	
Reactive Sulfide	SW846-9030A	<25# mg/kg	R	9/15/11	0:00	
Corrosivity to Steel	SW846-1110	3.24su@18.9C#	R	9/15/11	0:00	
Arsenic	EPA 6020	<0.663 mg/kg	R	9/29/11	15:23	
Cadmium	EPA 6020	<0.663 mg/kg	R	9/29/11	15:23	
Copper	EPA 6020	9.12 mg/kg	R	9/29/11	15:23	
Chromium	EPA 6020	8.65 mg/kg	R	9/29/11	15:23	
Lead	EPA 6020	2.09 mg/kg	R	9/29/11	15:23	
Mercury	EPA 7471B	<30,500 ug/kg	R	9/27/11	15:36	
Molybdenum	EPA 6020	<0.663 mg/kg	R	9/29/11	15:23	
Nickel	EPA 6020	27.6 mg/kg	R	9/29/11	15:23	
Selenium	EPA 6020	<0.663 mg/kg	R	9/29/11	15:23	
Zinc	EPA 200.8	169 mg/L	R	9/29/11	15:23	
Aluminum	EPA 6020	557 mg/kg	R	9/29/11	15:23	
Calcium	EPA 6020	15,200 mg/kg	R	9/30/11	10:21	
Magnesium	EPA 6020	3860 mg/kg	R	9/30/11	10:21	
Potassium	EPA 6020	21,100 mg/kg	R	9/30/11	10:21	
Sodium	EPA 6020	4350 mg/kg	R	9/30/11	10:21	
Ammonia	EPA 350.1	11,000 mg/kg	R	9/29/11	13:45	A
Total Phosphorus	EPA 365.4	7190 mg/kg	R	10/5/11	10:03	A
pH	EPA 9045	3.2 S.U.	R	9/26/11	8:45	
PLANT AVAILABLE NITROGEN	CALCULATION	7630 mg/kg	R	10/5/11	13:45	
pH disclaimer	Exceeds holding time.	-	R	9/27/11	8:07	
Total Kjeldahl Nitrogen	EPA 351.2	18,100 mg/kg	R	10/5/11	13:00	A
Nitrate-Nitrite	EPA 353.2	<1.34 mg/kg	R	9/29/11	15:36	A
Total Nitrogen Calculation	CALC.	18,100 mg/kg	R	10/5/11	13:00	
Percent Dry Weight	SM 2540G	1.49 %	R	9/27/11	14:28	D

#Analyzed by Summit Environmental Technologies,Inc., Akron, Ohio

Reviewed by:

Maryame Sima

for Tritest, Inc.

TRiTEST

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Raleigh, NC 27607
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Laboratory Report

Work Order #: **1109-00539**

DATA REPORTING QUALIFIERS

Any values on the Tritest Laboratory Report that are flagged under the column labeled "Qualifier" are considered qualified data. Please refer to the list below for interpretation of such flags. Please note that Tritest is required to notify the state of any compliance samples received outside the established protocol. In the opinion of this laboratory, values subject to these qualifiers are acceptable but qualified.

A: The sample was improperly preserved at the time of collection. Tritest added the appropriate preservative and analyzed per customer request.
B: The sample was received outside the established protocol for temperature and was analyzed per customer request.
C: Insufficient sample volume provided.
D: The sample was received and analyzed outside the holding time per customer request.
E: The holding time expired prior to analysis due to laboratory error.
F: The sample tested present for residual chlorine when received at the laboratory.
G: The sample tested present for residual chlorine when checked by the technician at room temperature.
H: Matrix interference.
I: Matrix interference; Duplicate RPD outside the acceptable range.
J: Matrix interference; Surrogate recovery outside the acceptable range.
K: Matrix interference; Matrix spike recovery outside the acceptable range.
L: The duplicate RPD was outside that acceptable range.
M: Estimated value.
N: The oil & grease value exceeds method specification of 1000 mg/L maximum.
O: Excessive oil and grease noted ( ).
P: The GGA standard for BOD was outside the acceptable range.
Q: The technician was required to add stronger sodium sulfite solution than acceptable for BOD to neutralize excessive chlorine level.
R: The seed control for BOD was outside the acceptable range.
S: The control blanks for BOD were outside the acceptable range.

T: Other:_____

_____

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

LABORATORY REPORT

Client
Tritest, Inc
6701 Conference Dr.
Raleigh, N.C. 27607

Order Number
1119053

Project Number
N/A

Issued
Thursday, September 15, 2011

Total Number of Pages
4 (excluding C.O.C. and cooler receipt form)

Approved By : _____
QA Manager

NELAC Accreditation #E87688

"Analytical Integrity" · EPA Certified · NELAP Certified
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

Sample Summary

Client: Tritest, Inc
Order Number: 1119053

Laboratory ID	Client ID	Matrix	Sampling Date
1119053-01	1109-00539-001	Liquid	9/9/2011
1119053-02	1109-00539-002	Liquid	9/9/2011

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

Report Narrative

Client: Tritest, Inc
Order Number: 1119053

No problems were encountered during analysis of this order number, except as noted.

Data Qualifiers:
B = Analyte found in the method blank
J = Estimated concentration of analyte between MDL (LOD) and Reporting Limit (LOQ)
C = Analyte has been confirmed by another instrument or method
E = Analyte exceeds the upper limit of the calibration curve.
D = Sample or extract was analyzed at a higher dilution
X = User defined data qualifier.
S = Surrogate out of control limits
U = Undetected
a = Not Accredited by NELAC

ND = Non Detected at LOQ
DF = Dilution Factor

Limit Of Quantitation (LOQ) = Laboratory Reporting Limit (not adjusted for dilution factor)
Limit Of Detection (LOD) = Laboratory Detection Limit

Matrices:
A = Air
C = Cream
DW = Drinking Water
L = Liquid
O = Oil
SL = Sludge
SO = Soil
S = Solid
T = Tablet
TC = TCLP Extract
WW = Waste Water
W = Wipe

Estimated uncertainty values are available upon request.

The test results meet the requirements of the NELAC standard, except where noted. The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the client. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the client for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

September 15, 2011

Client: Tritest, Inc
Address: 6701 Conference Dr.
Raleigh, N.C. 27607

Received: 9/14/2011
Project #: N/A

TCLP Herbicides

Client ID#	Lab ID#	Collected	Analyte	Rep Lmt	Result	Units	Matrix	Method	DF	RegLvl	Run	Analyst
1109-00539-001	1119053-01	09-Sep-11	2,4,D	5	<5.0	mg/l	L	1311	1	10	15-Sep-11	KMG
1109-00539-001	1119053-01	09-Sep-11	2,4,5-TP(Silvex)	0.5	<0.5	mg/l	L	1311	1	1	15-Sep-11	KMG

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-001	1119053-01	09-Sep-11	Flash Point	>140	°F	L	1010	1		14-Sep-11	DVW

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-001	1119053-01	09-Sep-11	pH	7.66su @18.6C		L	150.1	1	0.01	15-Sep-11	JRK

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-001	1119053-01	09-Sep-11	Reactive Cyanide	ND	mg/l	L	7.3.3.2	1	0.5	15-Sep-11	TIR

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-001	1119053-01	09-Sep-11	Reactive Sulfide	ND	mg/l	L	7.3.4.2	1	25	15-Sep-11	TIR

TCLP Herbicides

Client ID#	Lab ID#	Collected	Analyte	Rep Lmt	Result	Units	Matrix	Method	DF	RegLvl	Run	Analyst
1109-00539-002	1119053-02	09-Sep-11	2,4,D	5	<5.0	mg/l	L	1311	1	10	15-Sep-11	KMG
1109-00539-002	1119053-02	09-Sep-11	2,4,5-TP(Silvex)	0.5	<0.5	mg/L	L	1311	1	1	15-Sep-11	KMG

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-002	1119053-02	09-Sep-11	Flash Point	>140	°F	L	1010	1		14-Sep-11	DVW

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-002	1119053-02	09-Sep-11	pH	3.24su @18.9C		L	150.1	1	0.01	15-Sep-11	JRK

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-002	1119053-02	09-Sep-11	Reactive Cyanide	ND	mg/Kg	L	7.3.3.2	1	0.5	15-Sep-11	TIR

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1109-00539-002	1119053-02	09-Sep-11	Reactive Sulfide	ND	mg/Kg	L	7.3.4.2	1	25	15-Sep-11	TIR

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NCWW Cert # 67, NCDW Cert # 37731

Chain of Custody

Tritest W O. # 1109-00539

Merial Select

Report Results To:

Merial Select
3225 Air Park Road
Fuquay-Varina, NC 27526

Attn Mr Daniel Thome
Phone (919)557-9020 Fax (919)894-5971

Bill Results To:

Merial Select
P O Drawer 2497
Gainesville, GA 30503

Attn Accounts Payable

☐ Standard Report Delivery
☐ Rush Report Delivery (w/ surcharge)
Requested Due Date _____

Note Rush projects are subject to prior approval by Lab

Project Reference FULL TCLP ANALYSIS
Purchase Order # 5002786
Sampled By

Sample Description	Composite or Grab	Start Date / Start Time	Stop Date / Stop Time	Matrix WW,DW, SW, GW etc	Analyses Requested	Smp #
LIFT STATION	G		9-9-11 14:15		Metals TCLP Package, TCLP Arsenic, TCLP Barium, TCLP Cadmium, TCLP Chromium, TCLP Lead, TCLP Selenium, TCLP Silver, TCLP Mercury Analysis, Metals/SVOA TCLP Extraction, Metals Prep, TCLP Pesticides, Liquids, TCLP Volatiles by 8260B, TCLP 8270, TCLP Herbicides by 8151, Flashpoint (Setaflash), Reactive Cyanide, Reactive Sulfide, Corrosivity to Steel, Initial TCLP Prep (non-vol), Extr , ZHE, TCLP Volatiles	001
SUGAR TANK	G		9-9-11 14:28		Metals TCLP Package, TCLP Arsenic, TCLP Barium, TCLP Cadmium, TCLP Chromium, TCLP Lead, TCLP Selenium, TCLP Silver, TCLP Mercury Analysis, Metals/SVOA TCLP Extraction, Metals Prep, TCLP Pesticides, Liquids, TCLP Volatiles by 8260B, TCLP 8270, TCLP Herbicides by 8151, Flashpoint (Setaflash), Reactive Cyanide, Reactive Sulfide, Corrosivity to Steel, Initial TCLP Prep (non-vol), Extr , ZHE, TCLP Volatiles	002

Relinquished by (signature)	Received by (signature)	Date	Time
		9-9-11	15:00
Relinquished by (signature)	Received by (signature)	Date	Time
Relinquished by (signature	Received by (signature)	Date	Time

For Lab Use Only
Temperatue at receipt
Temp Cold C°

TRiTEST

SAMPLE PRESERVATION CHECK-IN SHEET							
WO#	1109-00539						
Checked in by	AW						
Date	9.9						
Temp (°C)	6.0						
Time	1522						
Route	CD	TTS	TTPU	USM	FEDX	GC	UPS

Sample No.	Analysis Requested	Chlorine	Samples Preserved Properly?			Comments
1	TCLP (4)	Pos / neg N/A	Yes	No	N/A	BIOHAZARDOUS
2	↓	Pos / neg	Yes	No	N/A	↓
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	
		Pos / neg	Yes	No	N/A	

GENERAL COMMENTS:

NCDENR

North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

October 27, 2011

RECEIVED NOV - 1 2011 WASTE SECTION

Daniel Thome - Raleigh Sites Manager
Merial Select
3225 Air Park Road
Fuquay-Varina, NC 27526

Subject: Merial Select
Deemed Permitted Pump and Haul
Wake County

Dear Mr. Thome,

The Division of Water Quality has reviewed the application request made by Merial Select on October 26, 2011 for the subject Pump and Haul System. In accordance with NC State Administrative Code 15A NCAC 02T, effective September 1, 2006, the 2,000 gallon per week Pump and Haul system from Merial Select to McGill's Merry Oaks Composting Plant meets the requirements of 15A NCAC 02T .0203(a)(2) for systems to be deemed permitted. The Pump and Haul system at Merial Select is not required to maintain an active Water Quality Permit provided that the facility continues to comply with the requirements of 15A NCAC 02T .0200.

The Pump and Haul facilities shall be effectively maintained and operated at all times so that there is no discharge to the surface waters, nor any contravention of groundwater or surface water standards. In the event that the facilities fail to perform satisfactorily, including the creation of nuisance conditions due to improper operation and maintenance, or failure of the facilities to adequately contain the wastewater, the Permittee shall take immediate corrective actions including those actions that may be required by the Division, such as the construction of additional or replacement wastewater collection and / or storage facilities.

Please be advised that the deemed permitted classification from the Division of Water Quality does not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances, which may be imposed by other government agencies (local, state, and federal) that have jurisdiction. Of particular concern to the Division are applicable river buffer rules in 15A NCAC 02B .0200, erosion and sedimentation control requirements in 15A NCAC Chapter 4 and under the Division's General Permit NCG010000, and any requirements pertaining to wetlands under 15A NCAC 02B .0200 and 02H .0500. In addition, the deemed permitted classification from the Division of Water Quality is effective only with respect to the nature and volume of wastes described in the application and other supporting data. No variances to applicable rules governing the construction and / or operation of the permitted facilities are granted unless specifically requested and granted in writing from the Division of Water Quality.

Failure to abide by the conditions and limitations contained in the requirements of 15A NCAC 02T .0200 may subject the subject facility to an enforcement action by the Division in accordance with North Carolina General Statute 143-215.6A to 143-215.6C.

Aquifer Protection Section
1628 Mail Service Center, Raleigh, North Carolina 27699-1628
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Internet: www.ncwaterquality.org

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If you have any questions please feel free to contact me or Matthew Fleahman or at (919) 791-4200.

Sincerely,

S. Jay Zimmerman, L.G.
Environmental Program Supervisor

cc: RRO-APS Files
Aquifer Protection Section Central Files
Michael E. Scott - DWM Solid Waste Section, 1646 Mail Service Center Raleigh, NC 27699-1646