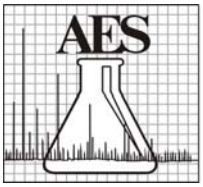
Emission & Compliance Testing
at
Little Hanaford Farms

Active Compost Pile Test Parameters

Determination of Volatile Organic Compounds
Determination of Methyl Mercaptan
Determination of Hydrogen Sulfide
Determination of Dimethyl Sulfide
Determination of Carbon Sulfide
Determination of Ammonia

Test Date:
August 10, 2006

Tested By:



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November 1, 2006

GOC
151 N. Delaware St, Suite 2010
Innapolis, IN 46204

Attention: Mr. David A. Hill

Subject: Testing Results at Little Hanaford Farms

Dear David,

Please find in the table below the results from the evaluation of your ASC 2500 control product at Little Hanaford Farms, located in Centralia, Washington. The section of compost material chosen was approximately 4 weeks old. One half of the row was treated with product and tested for total reduced sulfur (TRS) and volatile organic compounds (VOC) using a flux chamber. The remaining portion of the row was left untreated and was tested for TRS and VOC emissions using the same flux chamber.

EPA method 16a in conjunction with EPA method 6c was used to evaluate the TRS compounds. The 16a/6c sampling system was calibrated using hydrogen sulfide from a certified EPA protocol 1 cylinder. The analyzer used to measure the TRS compounds was a Bovar 721MD. The Bovar uses UV technology to analyze for sulfur dioxide. Calibrations were performed as per EPA method 6c.

EPA method 25a was used to quantify the VOC emission from the composting material. The Siemens FIDAMAT analyzer was calibrated using propane from a certified EPA protocol 1 cylinder. The Siemens analyzer uses flame ionization detection technology to evaluate VOC emissions. Calibrations were performed as per EPA method 25a.

Supporting data for analyzer calibrations is available upon request.

Analyte	Treated Pile	Un-Treated Pile	% Removal Eff.
TRS	1.98	17.63	88.77
VOC as propane	4.34	317.22	98.63

On August 10th, 2006, Antec Environmental Services performed a Compliance Test for Little Hanaford Farms, located in Centralia, Washington. The purpose of the emission testing was to quantify fugitive emissions from Little Hanaford's active composting facility and to satisfy the requirements of Southwest Clean Air Agency's permit No. 05-2599. The pollutants measured during the test were Hydrogen sulfide, Dimethyl sulfide, Carbon disulfide, Ammonia and Volatile Organic Compounds. Carbon Dioxide, Oxygen, Volumetric Flow and Temperature profiles were determined simultaneously with the pollutant compounds. The pile testing was performed at three representative locations referred to in this letter as Two Week, Four Week, and Six Week. 24 hours prior to testing, the pile was treated with GOC's ASC 2500 control product.

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Laboratory analysis for the sulfur and volatile organic compounds was performed by Columbia Analytical. Laboratory analysis for ammonia was performed by Antec Environmental Services. Supporting data for the results below is available upon request.

Active Compost Pile Flux Chamber Results

The results below represent the concentrations rising from the flux Chamber exhaust stack.

		2 Week	4 Week	Six Week	Three Run Average
	Start Time	741	903	1038	
August 10, 2006	***End Time***	841	1003	1138	
	% Oxygen	20.42	20.56	20.49	**20.49**
	% Moisture	3.6%	3.7%	2.7%	**3.0%**
	Velocity ft/min	34.2	40.2	13.5	**29.3**
	Dry Standard Cubic ft./min(DSCFM)	11	13	5	**10**
	VOC ppm as Toluene, dry	1.6	2.6	1.6	**1.9**
	VOC ppm as Methane, dry	ND	ND	ND	**ND**
	Ammonia ppm	18.1	21.2	15.1	**18.1**
	Hydrogen Sulfide, ppm	0.000	0.000	0.000	**0.000**
	Methyl Mercaptan, ppm	0.024	0.016	0.000	**0.013**
	Dimethyl Sulfide, ppm	0.084	0.140	0.036	**0.087**
	Carbon Disulfide, ppm	0.076	0.200	0.200	**0.159**

ND denotes that the Analyte was not detected

Active Compost Pile Mass Emission Results

The results below represent the mass emissions from the total pile area and are based on the average of the three sampling runs.

August 10, 2006	
Total Surface Area of Flux Chamber (3.83ft x 3.5ft)	13.4
Total Surface Area of Pile (250ft x 150ft)	37,500
Number of Flux Chamber Areas in Total surface Area of Pile	2,797
Dry Standard Cubic ft./min(DSCFM) per Flux Chamber Area	9.7
Dry Standard Cubic ft./min (DSCFM)Total Pile Area	27,042
VOC as Toluene lbs/hr	0.74
VOC as Methane lbs/hr	0.00
Ammonia lbs/hr	1.30
Hydrogen Sulfide, lbs/hr	0.00
Methyl Mercaptan, lbs/hr	0.00
Dimethyl Sulfide, lbs/hr	0.02
Carbon Disulfide lbs/hr	0.05

If you have any questions or require addition information, please contact us at 425.888.2202.

Best Regards,

Eric E. Olson
President, Antec Environmental Services