



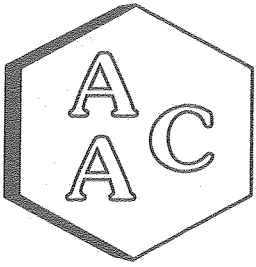
ATMOSPHERIC ANALYSIS & CONSULTING, INC.
 1534 Eastman Avenue, Suite A
 Ventura, California 93003
 Phone (805) 650-1642 Fax (805) 650-1644
 E-mail: info@aacilab.com

AAC Project No. _____

Page 1 of 1

CHAIN OF CUSTODY/ ANALYSIS REQUEST FORM

Client Name		Project Name		Analysis Requested		Send report:	
MO DNR		Budgeter LF				Attn: _____	
Project Mgr (Print Name) Michael Ferris		Project Number				Phone#: _____ Fax#: _____	
Sampler's Name (Print Name) Teresa Thevang		Sampler's Signature <i>Teresa Thevang</i>				Send Invoice to: _____	
AAC Sample No.	Date Sampled	Time Sampled	Sample Type	Client Sample ID/Description	Type/No. of Containers		
Can # 745	12/16/15	1103-1144	Summa-timed	D1 (154702)	-30 -6	Attn: _____ P.O. # 3ESP160417	
Can # 787	12/16/15	1112-1154	Summa-timed	V1 (154703)	-30 -6	Turnaround Time 24 - 48 Hr _____ 72 Hr _____ 5 Day <input checked="" type="checkbox"/> Normal _____ Other (Specify) _____	
						Special Instructions/remarks: Shipped via UPS Tracking # 1ZK0Y0W60298877521	
Relinquished by (Signature): <i>[Signature]</i>		Print Name: Teresa Thevang		Received by (signature):		Print Name	
Relinquished by (Signature):		Print Name:		Received by (signature):		Print Name	



Atmospheric Analysis & Consulting, Inc.

CLIENT : Eurofins Air Toxics, Inc.
PROJECT NAME : MO DNR – Bridgeton LF
AAC PROJECT NO. : 151701
REPORT DATE : 12/16/2015

On December 14, 2015, Atmospheric Analysis & Consulting, Inc. received two (2) Six-Liter Silonite Canisters for TRS analysis by ASTM D-5504. Upon receipt, each sample was assigned a unique Laboratory ID number as follows:

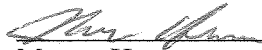
Client ID	Lab No.	Initial Pressure (mmHg)
D1 (154702)	151701-85715	459.6
U1 (154703)	151701-85716	622.0

ASTM D-5504 Analysis - Up to a 1 mL aliquot of sample is injected into the GC/SCD for analysis following ASTM D-5504 as specified in the SOW.

No problems were encountered during receiving, preparation and/or analysis of these samples. The test results included in this report meet all requirements of the NELAC Standards and/or AAC SOP# AACI-ASTM D-5504.

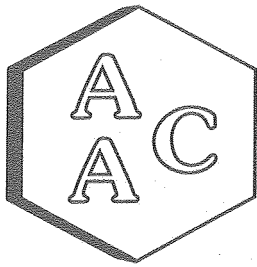
I certify that this data is technically accurate, complete and in compliance with the terms and conditions of the contract. The Laboratory Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy data package.

If you have any questions or require further explanation of data results, please contact the undersigned.


Marcus Hueppe
Laboratory Director

This report consists of 4 pages.





Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : Eurofins Air Toxics, Inc.
PROJECT NO. : 151701
MATRIX : AIR
UNITS : ppmV

SAMPLING DATE : 12/10/2015
RECEIVING DATE : 12/14/2015
ANALYSIS DATE : 12/15/2015
REPORT DATE : 12/16/2015

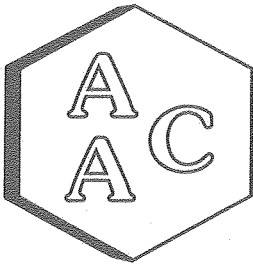
Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	D1 (154702)	U1 (154703)
AAC ID	151701-85715	151701-85716
Canister Dil. Fac.	2.0	1.4
Analyte	Result	Result
Hydrogen Sulfide	< 0.020	< 0.014
Carbonyl Sulfide	< 0.020	< 0.014
Sulfur Dioxide	< 0.020	< 0.014
Methyl Mercaptan	< 0.020	< 0.014
Ethyl Mercaptan	< 0.020	< 0.014
Dimethyl Sulfide	< 0.020	< 0.014
Carbon Disulfide	< 0.020	< 0.014
Isopropyl Mercaptan	< 0.020	< 0.014
tert-Butyl Mercaptan	< 0.020	< 0.014
n-Propyl Mercaptan	< 0.020	< 0.014
Methylethylsulfide	< 0.020	< 0.014
sec-Butyl Mercaptan	< 0.020	< 0.014
Thiophene	< 0.020	< 0.014
iso-Butyl Mercaptan	< 0.020	< 0.014
Diethyl Sulfide	< 0.020	< 0.014
n-Butyl Mercaptan	< 0.020	< 0.014
Dimethyl Disulfide	< 0.020	< 0.014
2-Methylthiophene	< 0.020	< 0.014
3-Methylthiophene	< 0.020	< 0.014
Tetrahydrothiophene	< 0.020	< 0.014
Bromothiophene	< 0.020	< 0.014
Thiophenol	< 0.020	< 0.014
Diethyl disulfide	< 0.020	< 0.014
Total Unidentified Sulfur	< 0.020	< 0.014
Total Reduced Sulfurs as H ₂ S	< 0.020	< 0.014

All compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.


Marcus Hueppe
Laboratory Director





Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 12/15/2015
Analyst: ZB

Instrument ID: SCD#10
Calb. Date: 5/4/2015

Opening Calibration Verification Standard

	Resp. (area)	Result (ppbV)	% Rec *	% RPD ****
Initial	4633	515	103.0	NA
Duplicate	4640	516	103.1	0.2
Triplicate	4586	510	101.9	1.0

Method Blank

Analyte	Result
H2S	ND

Duplicate Analysis

Sample ID 151701-85715 x1

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H2S	0.0	0.0	0.0	0.0

Matrix Spike & Duplicate

Sample ID 151701-85715 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H2S	0.0	250.0	245.6	243.6	98.2	97.5	0.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result (ppbV)	% Rec **
H2S	500.0	532.6	106.5

* Must be 95-105%

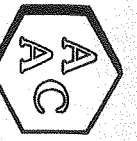
** Must be 90-110%

*** Must be < 10%

**** Must be < 5% RPD from Initial result.


Marcus Hueppe
Laboratory Director





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AAC Project No. 151701

Page 1 of 1

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client Name MO DNE		Project Name Budgeta LF		Analysis Requested		Send report:	
Project Mgr (Print Name) Michael Paris		Project Number		455-D		Atn: _____	
Sampler's Name (Print Name) Tessa Trevany		Sampler's Signature <i>Tessa Trevany</i>				Phone#: _____	
AAC Sample No.		Date Sampled		Time sampled		Fax# _____	
Can # 745		12/16/15		103-1144		Send invoice to: _____	
Can # 783		12/16/15		112-1154		Atn: _____	
						P.O. # <u>3ESP160417</u>	
						Turnaround Time	
						24 - 48 Hr _____ 72 Hr _____	
						5 Day <input checked="" type="checkbox"/> Normal _____	
						Other (Specify) _____	
						Special Instructions/remarks: Shipped via UPS	
						Tracking # <u>1ZRO40W60298874521</u>	
Relinquished by (Signature): <i>Tessa Trevany</i>		Print Name: Tessa Trevany		Date/Time 12/16/15 1345		Received by (signature): <i>Bone</i>	
Relinquished by (Signature):		Print Name:		Date/Time		Received by (signature):	
						Print Name	

CLIENT RETURNED 2X CANISTERS + 2X FLOWS W/1 FILTERS

UPS