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LABORATORY REPORT

October 31, 2016

Charles Hummer
Charles A. Hummer
2617 Jaylene Rd.
North Port, FL 34288

RE: Hummer

Dear Charles:

Enclosed are the results of the sample submitted to our laboratory on October 13, 2016. For your reference, this analysis has been assigned our service request number P1604845.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 10:01 am, Oct 31, 2016

Sue Anderson
Project Manager



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Client: Charles A. Hummer
Project: Hummer

Service Request No: P1604845

CASE NARRATIVE

The sample was received intact under chain of custody on October 13, 2016 and was stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

Sulfur Analysis

A portion of the wallboard sample was prepared according to CAS AQL 104 and analyzed for hydrogen sulfide, carbonyl sulfide and carbon disulfide per ASTM D 5504-12 using a gas chromatograph equipped with a sulfur chemiluminescence detector (SCD). All compounds with the exception of hydrogen sulfide and carbonyl sulfide are quantitated against the initial calibration curve for methyl mercaptan. The preparation method is not included on the laboratory's NELAP, DoD-ELAP, or AIHA-LAP, LLC scope of accreditation.

Please note that the guidance document *Identification Guidance for Homes with Corrosion from Problem Drywall as of March 18, 2011*, indicates that the following are also considered corroborating evidence: elevated levels of hydrogen sulfide, carbonyl sulfide and/or carbon disulfide emitted from samples of drywall from the home when placed in test chambers using ASTM D5501-12 or similar chamber or headspace testing.

Sample #1 (P104845-001) resulted in a hit of carbon disulfide above the Limit of Quantitation (LOQ) as noted in the associated report.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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RESULTS OF ANALYSIS

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Client: Charles A. Hummer
Client Sample ID: #1
Client Project ID: Hummer

ALS Project ID: P1604845
 ALS Sample ID: P1604845-001

Test Code: ALS AQL 104
Instrument ID: Agilent 7890A/GC22/SCD
Analyst: Mike Conejo
Sample Type: Wallboard
Test Notes:

Date Received: 10/13/16
Date Analyzed: 10/26/16
Sample Amount: 25.47 Gram(s)
Chamber Volume: 0.50 Liter(s)

Dilution Factor: 1.00

CAS #	Compound	Result µg/Kg	LOQ µg/Kg	Data Qualifier
7783-06-4	Hydrogen Sulfide	ND	0.27	
463-58-1	Carbonyl Sulfide	ND	0.48	
75-15-0	Carbon Disulfide	3.1	0.31	

ND = Compound was analyzed for, but not detected above the limit of quantitation.
 LOQ = Limit of Quantitation.