

Analytical Laboratory Report

November 15, 2015

Report ID: 9593234

SHAWN GIBLIN
WI DNR SPILLS
101 S WEBSTER ST
PO BOX 7921
MADISON WI 53707

Company Number: 31668

ETHANOL SPILL NEAR ALMA, WI

Date Collected: 11/7/2015
Date Received: 11/10/2015
Date Reported: 11/15/2015

Analyst: **MICHAEL JAGER**
Michael.Jager@slh.wisc.edu

Reviewer: **STEVE STREBEL**
Steve.Strebel@slh.wisc.edu

The report was reviewed and authorized by the individuals listed above.

If you have any questions regarding this report please feel free to contact the laboratory via email (as listed above) or via telephone at 800-446-0403

Analytical Results

LAB NUMBER FIELD NUMBER	DESCRIPTION	AIR VOLUME
1703957	BULK	
#1		
Solvents		
COMMENTS:	The date of analysis: 11/11/2015. Sample 1703957 had less than 1.5 micrograms of Ethanol per milliliter of submitted bulk.	
1703958	BULK	
#2		
Solvents		
COMMENTS:	Sample 1703958 had 12 micrograms of Ethanol per milliliter of submitted bulk.	
1703959	BULK	
#3		
Solvents		
COMMENTS:	Sample 1703959 had 420 micrograms of Ethanol per milliliter of submitted bulk.	
1703960	BULK	
#4		
Solvents		
COMMENTS:	Sample 1703960 had 13 micrograms of Ethanol per milliliter of submitted bulk.	

Displayed values on report have been rounded; however all calculations are performed using raw, unrounded intermediate results. Please contact the laboratory if you have any questions regarding our result calculation or rounding. All samples were received by the laboratory in acceptable condition unless otherwise noted.

Analytical Methodology

Bulk Results:

A water blank was ran with the samples, all samples, replicates, and blanks were prepared the same. 1 mL of n-Butanol and 20 microliters of n-propanol were added to each flask as internal standards. The submitted water samples were transferred to 100 mL volumetric flasks and filled to the mark. Samples shaken well and allowed to equilibrate for 30 minutes prior to being transferred to vials for analysis. Samples were calculated against spikes of known amounts of Ethanol spiked into water blanks.

The samples are run on a Hewlett Packard Gas Chromatograph equipped with an FID. The primary and confirming columns were chosen from the following:

Supelcowax-10 Capillary
SPB-624 capillary

Samples may also have been confirmed on Hewlett Packard Gas Chromatograph mass selective detector containing a capillary column.

Results are not blank corrected unless noted in report.

Bulk analysis does not fall under the scope of WOHL accreditation.

Analytical Quality Control

Unless specifically noted in the report, these samples were analyzed with analyst-spiked quality control samples in lieu of blind quality control samples. These analyst-spiked quality control samples have passed the laboratory criteria for precision and accuracy unless noted. Additional quality control required by the method was performed. The results in this report conform to the high quality standards set forth at The Wisconsin Occupational Health Laboratory.

End of Analytical Report

The results in this report apply only to the samples, specifically listed above, tested at the
Wisconsin Occupational Health Laboratory,
2601 Agriculture Drive,
Madison WI 53718
608-224-6210.

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