



Analytical Report

Mark Sullivan Spill Control Products 1872 Del Rio Way Paradise, CA 95969	Client Project ID: Moleculoc	Date Sampled: 12/12/11
		Date Received: 12/12/11
	Client Contact: Mark Sullivan	Date Reported: 12/19/11
	Client P.O.:	Date Completed: 01/31/12

WorkOrder: 1112349 D

March 01, 2012

Dear Mark:

Enclosed within are:

- 1) The results of the **1** analyzed sample from your project: **Moleculoc**,
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
 Laboratory Manager
 McC Campbell Analytical, Inc.

The analytical results relate only to the items tested.



Mark Sullivan Spill Control Products 1872 Del Rio Way Paradise, CA 95969	Client Project ID: Moleculoc	Date Sampled: 12/12/11
		Date Received: 12/12/11
	Client Contact: Mark Sullivan	Date Extracted: 12/12/11-12/13/11
	Client P.O.:	Date Analyzed: 12/14/11

RCRA Metals*

Extraction Method: SW1311/SW3050B

Analytical Method: SW6020

Work Order: 1112349

Lab ID	1112349-001A				Reporting Limit for DF = 1
Client ID	Saturated Moleculoc				
Matrix	Solid				
DF	1				
Extraction Type	TCLP				S W

Compound	Concentration			mg/L	µg/L
Antimony	ND			0.1	NA
Arsenic	ND			0.1	NA
Barium	1.0			1.0	NA
Beryllium	ND			0.1	NA
Cadmium	ND			0.05	NA
Chromium	ND			0.1	NA
Cobalt	ND			0.1	NA
Copper	ND			0.1	NA
Lead	ND			0.1	NA
Mercury	ND			0.01	NA
Molybdenum	0.46			0.1	NA
Nickel	ND			0.1	NA
Selenium	ND			0.1	NA
Silver	ND			0.1	NA
Thallium	ND			0.1	NA
Vanadium	ND			0.1	NA
Zinc	1.1			1.0	NA

Surrogate Recoveries (%)

%SS:	N/A			
Comments				

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.

DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor



QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Solid

QC Matrix: Soil

BatchID: 63324

WorkOrder: 1112349

EPA Method: SW6020		Extraction: SW1311/SW3050B					Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Antimony	N/A	10	N/A	N/A	N/A	84.8	N/A	N/A	75 - 125	
Arsenic	N/A	10	N/A	N/A	N/A	90.9	N/A	N/A	75 - 125	
Barium	N/A	100	N/A	N/A	N/A	91.1	N/A	N/A	75 - 125	
Beryllium	N/A	10	N/A	N/A	N/A	90.8	N/A	N/A	75 - 125	
Cadmium	N/A	10	N/A	N/A	N/A	90.6	N/A	N/A	75 - 125	
Chromium	N/A	10	N/A	N/A	N/A	89.7	N/A	N/A	75 - 125	
Cobalt	N/A	10	N/A	N/A	N/A	94.8	N/A	N/A	75 - 125	
Copper	N/A	10	N/A	N/A	N/A	92.1	N/A	N/A	75 - 125	
Lead	N/A	10	N/A	N/A	N/A	88.3	N/A	N/A	75 - 125	
Mercury	N/A	0.25	N/A	N/A	N/A	91.1	N/A	N/A	75 - 125	
Molybdenum	N/A	10	N/A	N/A	N/A	88.9	N/A	N/A	75 - 125	
Nickel	N/A	10	N/A	N/A	N/A	89.6	N/A	N/A	75 - 125	
Selenium	N/A	10	N/A	N/A	N/A	93.3	N/A	N/A	75 - 125	
Silver	N/A	10	N/A	N/A	N/A	85.7	N/A	N/A	75 - 125	
Thallium	N/A	10	N/A	N/A	N/A	92.8	N/A	N/A	75 - 125	
Vanadium	N/A	10	N/A	N/A	N/A	90.8	N/A	N/A	75 - 125	
Zinc	N/A	100	N/A	N/A	N/A	89.9	N/A	N/A	75 - 125	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
 NONE

BATCH 63324 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1112349-001A	12/12/11 11:30 AM	12/12/11	12/14/11 12:06 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 $\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked})$; $\text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2)$.
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not applicable to this method.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.