

NM1 - 3

**WadeCo
Specialties LLC
Release Waste**

2012 - 2013

Jones, Brad A., EMNRD

From: Bob Allen <ballen@sesi-nm.com>
Sent: Friday, February 15, 2013 12:23 PM
To: Jones, Brad A., EMNRD
Subject: Fwd: WAD-12-001
Attachments: H300225 SESI.pdf; ATT00001.htm

Brad. Here are the analytical results on the waste material at Sundance that was disposed of on behalf of Wadeco Specialities.

Bob Allen CSP, CHMM
Office. 575-397-0510
Cell 575-390-7063

Begin forwarded message:

From: "Celey Keene" <celey.keene@cardinallabsnm.com>
Date: February 14, 2013, 12:35:34 PM CST
To: "Bob Allen" <ballen@sesi-nm.com>, "SESI" <office2@sesi-nm.com>, "Sergio Contreras" <scontreras@sesi-nm.com>, <jsosa@sesi-nm.com>
Subject: WAD-12-001

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
e-mail: celey.keene@cardinallabsnm.com

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PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

February 14, 2013

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: WADCO

Enclosed are the results of analyses for samples received by the laboratory on 01/25/13 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list on accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions 703 East Clinton Hobbs NM, 88240	Project: WADCO Project Number: WAD-12-001 Project Manager: Bob Allen Fax To: (575) 393-4388	Reported: 14-Feb-13 11:32
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-11	H300225-01	Soil	25-Jan-13 13:45	25-Jan-13 14:30

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

C-11

H300225-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Ignitability	> 140		°F	1	3013101	AM	31-Jan-13	ASTM D 93-80	
pH*	8.01	0.100	pH Units	1	3013007	AP	30-Jan-13	9045	
Reactive Cyanide	ND	0.100	mg/kg	1	3013005	DW	31-Jan-13	9010	
Reactive Sulfide	0.0400	0.0100	mg/kg	1	3013005	DW	31-Jan-13	9030	

TCLP Herbicides by GCMS

S-HI

2,4-Dichlorophenoxyacetic acid	ND	0.00895	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
2,4,5-TP (Silvex)	ND	0.00895	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Surrogate: 2-Fluorophenol	135 %	21-100		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: Phenol-d5	101 %	10-94		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: Nitrobenzene-d5	142 %	35-114		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: 2-Fluorobiphenyl	138 %	43-116		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: 2,4,6-Tribromophenol	170 %	10-123		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: Terphenyl-d14	129 %	33-141		3020505	ms	13-Feb-13	1311/8270C		

TCLP Pesticides by GCMS

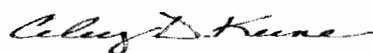
S-HI

gamma-BHC (Lindane)	ND	0.00500	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Heptachlor	ND	0.00500	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Heptachlor epoxide	ND	0.00500	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Chlordane	ND	0.0200	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Endrin	ND	0.00500	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Toxaphene	ND	0.100	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Methoxychlor	ND	0.00500	mg/L	1.79	3020505	ms	13-Feb-13	1311/8270C	
Surrogate: 2-Fluorophenol	135 %	21-100		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: Phenol-d5	101 %	10-94		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: Nitrobenzene-d5	142 %	35-114		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: 2-Fluorobiphenyl	138 %	43-116		3020505	ms	13-Feb-13	1311/8270C		
Surrogate: 2,4,6-Tribromophenol	170 %	10-123		3020505	ms	13-Feb-13	1311/8270C		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

C-11
H300225-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
TCLP Pesticides by GCMS
S-HI

Surrogate: Terphenyl-d14	129 %	33-141	3020505	ms	13-Feb-13	1311/8270C
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TCLP Semivolatile Organic Compounds by GCMS
S-04

Pyridine	ND	0.009	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
1,4-Dichlorobenzene	ND	0.035	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
2-Methylphenol	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
4-Methylphenol	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
Hexachloroethane	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
Nitrobenzene	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
Hexachlorobutadiene	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
2,4,6-Trichlorophenol	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
2,4,5-Trichlorophenol	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
2,4-Dinitrotoluene	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
Hexachlorobenzene	ND	0.009	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
Pentachlorophenol	ND	0.002	mg/L	1.76	3013001	ms	31-Jan-13	1311/8270C
Surrogate: 2-Fluorophenol		105 %	21-100	3013001	ms	31-Jan-13	1311/8270C	
Surrogate: Phenol-d5		76.3 %	10-94	3013001	ms	31-Jan-13	1311/8270C	
Surrogate: Nitrobenzene-d5		139 %	35-114	3013001	ms	31-Jan-13	1311/8270C	
Surrogate: 2-Fluorobiphenyl		121 %	43-116	3013001	ms	31-Jan-13	1311/8270C	
Surrogate: 2,4,6-Tribromophenol		151 %	10-123	3013001	ms	31-Jan-13	1311/8270C	
Surrogate: Terphenyl-d14		162 %	33-141	3013001	ms	31-Jan-13	1311/8270C	

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Vinyl chloride	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B
2-Butanone	ND	0.050	mg/L	10	3020104	ms	01-Feb-13	1311/8260B
1,1-Dichloroethene	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B
Chloroform	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B
Carbon tetrachloride	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B
Benzene	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

C-11

H300225-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

1,2-Dichloroethane	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B	
Trichloroethene	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B	
Tetrachloroethene	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B	
Chlorobenzene	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B	
1,4 Dichlorobenzene	ND	0.010	mg/L	10	3020104	ms	01-Feb-13	1311/8260B	
Surrogate: Dibromofluoromethane		96.4 %	87.7-118		3020104	ms	01-Feb-13	1311/8260B	
Surrogate: Toluene-d8		95.4 %	78.6-116		3020104	ms	01-Feb-13	1311/8260B	
Surrogate: 4-Bromofluorobenzene		92.6 %	55-132		3020104	ms	01-Feb-13	1311/8260B	

TCLP Extraction by EPA 1311

Arsenic	0.14	0.10	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL
Barium	0.84	0.35	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL
Cadmium	ND	0.05	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL
Chromium	ND	0.05	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL
Lead	ND	0.10	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL
Mercury	ND	0.0002	mg/L	1	3020512	CK	05-Feb-13	1311/245.1	GAL
Selenium	ND	0.20	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL
Silver	ND	0.0500	mg/L	1	3020511	CK	04-Feb-13	1311/200.7	GAL

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013005 - General Prep - Wet Chem

Blank (3013005-BLK1)

Prepared: 30-Jan-13 Analyzed: 31-Jan-13

Reactive Sulfide	ND	0.0100	mg/kg							
Reactive Cyanide	ND	0.100	mg/kg							

Duplicate (3013005-DUP1)

Source: H300121-01

Prepared: 30-Jan-13 Analyzed: 31-Jan-13

Reactive Sulfide	0.0300	0.0100	mg/kg		0.0300			0.00	20	
Reactive Cyanide	ND	0.100	mg/kg		0.00				20	

Batch 3013007 - 1:1 DI

LCS (3013007-BS1)

Prepared & Analyzed: 30-Jan-13

pH	7.16		pH Units	7.00		102	90-110			
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Duplicate (3013007-DUP1)

Source: H300207-01

Prepared & Analyzed: 30-Jan-13

pH	7.92	0.100	pH Units	7.82				1.27	20	
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Batch 3013101 - General Prep - Wet Chem

LCS (3013101-BS1)

Prepared & Analyzed: 31-Jan-13

Ignitability	77.0		°F	77.0		100	97.5-102.5			
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

TCLP Herbicides by GCMS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020505 - SW846-3510

Blank (3020505-BLK1)

Prepared: 05-Feb-13 Analyzed: 13-Feb-13

2,4-Dichlorophenoxyacetic acid	ND	0.00500	mg/L							
2,4,5-TP (Silvex)	ND	0.00500	mg/L							
Surrogate: 2-Fluorophenol	0.0293		mg/L	0.0500		58.6	21-100			
Surrogate: Phenol-d5	0.0184		mg/L	0.0500		36.8	10-94			
Surrogate: Nitrobenzene-d5	0.0454		mg/L	0.0500		90.9	35-114			
Surrogate: 2-Fluorobiphenyl	0.0466		mg/L	0.0500		93.2	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0520		mg/L	0.0500		104	10-123			
Surrogate: Terphenyl-d14	0.0428		mg/L	0.0500		85.7	33-141			

LCS (3020505-BS1)

Prepared: 05-Feb-13 Analyzed: 13-Feb-13

2,4-Dichlorophenoxyacetic acid	0.0104	0.00500	mg/L	0.0100		104	70-130			
2,4,5-TP (Silvex)	0.00932	0.00500	mg/L	0.0100		93.2	70-130			
Surrogate: 2-Fluorophenol	0.0337		mg/L	0.0500		67.4	21-100			
Surrogate: Phenol-d5	0.0229		mg/L	0.0500		45.7	10-94			
Surrogate: Nitrobenzene-d5	0.0460		mg/L	0.0500		92.1	35-114			
Surrogate: 2-Fluorobiphenyl	0.0507		mg/L	0.0500		101	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0679		mg/L	0.0500		136	10-123			
Surrogate: Terphenyl-d14	0.0461		mg/L	0.0500		92.1	33-141			

LCS Dup (3020505-BS1)

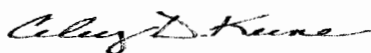
Prepared: 05-Feb-13 Analyzed: 13-Feb-13

2,4-Dichlorophenoxyacetic acid	0.0105	0.00500	mg/L	0.0100		105	70-130	0.671	20	
2,4,5-TP (Silvex)	0.00963	0.00500	mg/L	0.0100		96.3	70-130	3.27	20	
Surrogate: 2-Fluorophenol	0.0292		mg/L	0.0500		58.4	21-100			
Surrogate: Phenol-d5	0.0210		mg/L	0.0500		41.9	10-94			
Surrogate: Nitrobenzene-d5	0.0468		mg/L	0.0500		93.6	35-114			
Surrogate: 2-Fluorobiphenyl	0.0516		mg/L	0.0500		103	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0690		mg/L	0.0500		138	10-123			
Surrogate: Terphenyl-d14	0.0482		mg/L	0.0500		96.4	33-141			

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

TCLP Pesticides by GCMS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020505 - SW846-3510

Blank (3020505-BLK1)

Prepared: 05-Feb-13 Analyzed: 13-Feb-13

gamma-BHC (Lindane)	ND	0.00500	mg/L							
Heptachlor	ND	0.00500	mg/L							
Heptachlor epoxide	ND	0.00500	mg/L							
Chlordane	ND	0.0200	mg/L							
Endrin	ND	0.00500	mg/L							
Toxaphene	ND	0.100	mg/L							
Methoxychlor	ND	0.00500	mg/L							
Surrogate: 2-Fluorophenol	0.0293		mg/L	0.0500		58.6	21-100			
Surrogate: Phenol-d5	0.0184		mg/L	0.0500		36.8	10-94			
Surrogate: Nitrobenzene-d5	0.0454		mg/L	0.0500		90.9	35-114			
Surrogate: 2-Fluorobiphenyl	0.0466		mg/L	0.0500		93.2	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0520		mg/L	0.0500		104	10-123			
Surrogate: Terphenyl-d14	0.0428		mg/L	0.0500		85.7	33-141			

LCS (3020505-BS1)

Prepared: 05-Feb-13 Analyzed: 13-Feb-13

gamma-BHC (Lindane)	0.00919	0.00500	mg/L				70-130			
Heptachlor	0.00940	0.00500	mg/L	0.0100		94.0	70-130			
Heptachlor epoxide	0.00860	0.00500	mg/L	0.0100		86.0	70-130			
Chlordane	0.00832	0.0200	mg/L	0.0100		83.2	70-130			
Endrin	0.0102	0.00500	mg/L	0.0100		102	70-130			
Toxaphene	0.0181	0.100	mg/L	0.0200		90.3	70-130			
Methoxychlor	0.00878	0.00500	mg/L	0.0100		87.8	70-130			
Surrogate: 2-Fluorophenol	0.0337		mg/L	0.0500		67.4	21-100			
Surrogate: Phenol-d5	0.0229		mg/L	0.0500		45.7	10-94			
Surrogate: Nitrobenzene-d5	0.0460		mg/L	0.0500		92.1	35-114			
Surrogate: 2-Fluorobiphenyl	0.0507		mg/L	0.0500		101	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0679		mg/L	0.0500		136	10-123			
Surrogate: Terphenyl-d14	0.0461		mg/L	0.0500		92.1	33-141			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

TCLP Pesticides by GCMS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020505 - SW846-3510

LCS Dup (3020505-BSD1)

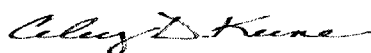
Prepared: 05-Feb-13 Analyzed: 13-Feb-13

gamma-BHC (Lindane)	0.00911	0.00500	mg/L				70-130	0.874	20	
Heptachlor	0.00955	0.00500	mg/L	0.0100		95.5	70-130	1.58	20	
Heptachlor epoxide	0.00873	0.00500	mg/L	0.0100		87.3	70-130	1.50	20	
Chlordane	0.00894	0.0200	mg/L	0.0100		89.4	70-130	7.18	20	
Endrin	0.0108	0.00500	mg/L	0.0100		108	70-130	5.32	20	
Toxaphene	0.0144	0.100	mg/L	0.0200		72.0	70-130	22.6	20	
Methoxychlor	0.00912	0.00500	mg/L	0.0100		91.2	70-130	3.80	20	
Surrogate: 2-Fluorophenol	0.0292		mg/L	0.0500		58.4	21-100			
Surrogate: Phenol-d5	0.0210		mg/L	0.0500		41.9	10-94			
Surrogate: Nitrobenzene-d5	0.0468		mg/L	0.0500		93.6	35-114			
Surrogate: 2-Fluorobiphenyl	0.0516		mg/L	0.0500		103	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0690		mg/L	0.0500		138	10-123			
Surrogate: Terphenyl-d14	0.0482		mg/L	0.0500		96.4	33-141			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

TCLP Semivolatile Organic Compounds by GCMS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013001 - SW846-3510

Blank (3013001-BLK1)

Prepared & Analyzed: 30-Jan-13

Pyridine	ND	0.005	mg/L							
1,4-Dichlorobenzene	ND	0.020	mg/L							
2-Methylphenol	ND	0.001	mg/L							
4-Methylphenol	ND	0.001	mg/L							
Hexachloroethane	ND	0.001	mg/L							
Nitrobenzene	ND	0.001	mg/L							
Hexachlorobutadiene	ND	0.001	mg/L							
2,4,6-Trichlorophenol	ND	0.001	mg/L							
2,4,5-Trichlorophenol	ND	0.001	mg/L							
2,4-Dinitrotoluene	ND	0.001	mg/L							
Hexachlorobenzene	ND	0.005	mg/L							
Pentachlorophenol	ND	0.001	mg/L							
Surrogate: 2-Fluorophenol	0.0263		mg/L	0.0500		52.6	21-100			
Surrogate: Phenol-d5	0.0173		mg/L	0.0500		34.6	10-94			
Surrogate: Nitrobenzene-d5	0.0442		mg/L	0.0500		88.3	35-114			
Surrogate: 2-Fluorobiphenyl	0.0428		mg/L	0.0500		85.6	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0441		mg/L	0.0500		88.2	10-123			
Surrogate: Terphenyl-d14	0.0494		mg/L	0.0500		98.7	33-141			

LCS (3013001-BS1)

Prepared & Analyzed: 30-Jan-13

Pyridine	0.004	0.005	mg/L	0.0100		36.3	30-140			
1,4-Dichlorobenzene	0.029	0.020	mg/L	0.0100		286	30-140			BS1
2-Methylphenol	0.009	0.001	mg/L	0.0100		94.7	30-140			
4-Methylphenol	0.019	0.001	mg/L	0.0100		194	30-140			BS1
Hexachloroethane	0.009	0.001	mg/L	0.0100		94.8	30-140			
Nitrobenzene	0.011	0.001	mg/L	0.0100		111	30-140			
Hexachlorobutadiene	0.010	0.001	mg/L	0.0100		99.4	30-140			
2,4,6-Trichlorophenol	0.011	0.001	mg/L	0.0100		112	30-140			
2,4,5-Trichlorophenol	0.012	0.001	mg/L	0.0100		116	30-140			
2,4-Dinitrotoluene	0.011	0.001	mg/L	0.0100		106	30-140			
Hexachlorobenzene	0.011	0.005	mg/L	0.0100		105	30-140			
Pentachlorophenol	0.013	0.001	mg/L	0.0100		135	30-140			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

TCLP Semivolatile Organic Compounds by GCMS - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3013001 - SW846-3510										
LCS (3013001-BS1)										
Prepared & Analyzed: 30-Jan-13										
Surrogate: 2-Fluorophenol	0.0512		mg/L	0.0500		102	21-100			
Surrogate: Phenol-d5	0.0313		mg/L	0.0200		157	10-94			
Surrogate: Nitrobenzene-d5	0.0732		mg/L	0.0500		146	35-114			
Surrogate: 2-Fluorobiphenyl	0.0582		mg/L	0.0500		116	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0744		mg/L	0.0500		149	10-123			
Surrogate: Terphenyl-d14	0.0710		mg/L	0.0500		142	33-141			
LCS Dup (3013001-BS1)										
Prepared & Analyzed: 30-Jan-13										
Pyridine	0.005	0.005	mg/L	0.0100		46.4	30-140	24.4	25	
1,4-Dichlorobenzene	0.028	0.020	mg/L	0.0100		283	30-140	0.915	25	BS1
2-Methylphenol	0.009	0.001	mg/L	0.0100		94.5	30-140	0.211	25	
4-Methylphenol	0.020	0.001	mg/L	0.0100		198	30-140	2.04	25	BS1
Hexachloroethane	0.009	0.001	mg/L	0.0100		92.6	30-140	2.35	25	
Nitrobenzene	0.011	0.001	mg/L	0.0100		113	30-140	1.43	25	
Hexachlorobutadiene	0.010	0.001	mg/L	0.0100		99.4	30-140	0.00	25	
2,4,6-Trichlorophenol	0.012	0.001	mg/L	0.0100		115	30-140	2.72	25	
2,4,5-Trichlorophenol	0.012	0.001	mg/L	0.0100		120	30-140	3.90	25	
2,4-Dinitrotoluene	0.011	0.001	mg/L	0.0100		108	30-140	1.68	25	
Hexachlorobenzene	0.010	0.005	mg/L	0.0100		99.7	30-140	5.27	25	
Pentachlorophenol	0.015	0.001	mg/L	0.0100		147	30-140	8.45	25	BS1
Surrogate: 2-Fluorophenol	0.0510		mg/L	0.0500		102	21-100			
Surrogate: Phenol-d5	0.0314		mg/L	0.0200		157	10-94			
Surrogate: Nitrobenzene-d5	0.0711		mg/L	0.0500		142	35-114			
Surrogate: 2-Fluorobiphenyl	0.0586		mg/L	0.0500		117	43-116			
Surrogate: 2,4,6-Tribromophenol	0.0725		mg/L	0.0500		145	10-123			
Surrogate: Terphenyl-d14	0.0722		mg/L	0.0500		144	33-141			

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388

Reported:
14-Feb-13 11:32

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020104 - Volatiles

Blank (3020104-BLK1)

Prepared & Analyzed: 01-Feb-13

Vinyl chloride	ND	0.001	mg/L							
2-Butanone	ND	0.005	mg/L							
1,1-Dichloroethene	ND	0.001	mg/L							
Chloroform	ND	0.001	mg/L							
Carbon tetrachloride	ND	0.001	mg/L							
Benzene	ND	0.001	mg/L							
1,2-Dichloroethane	ND	0.001	mg/L							
Trichloroethene	ND	0.001	mg/L							
Tetrachloroethene	ND	0.001	mg/L							
Chlorobenzene	ND	0.001	mg/L							
1,4 Dichlorobenzene	ND	0.001	mg/L							
Surrogate: Dibromofluoromethane	0.00959		mg/L	0.0100		95.9	87.7-118			
Surrogate: Toluene-d8	0.00957		mg/L	0.0100		95.7	78.6-116			
Surrogate: 4-Bromofluorobenzene	0.00948		mg/L	0.0100		94.8	55-132			

LCS (3020104-BS1)

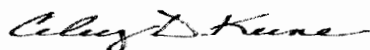
Prepared & Analyzed: 01-Feb-13

Vinyl chloride	0.022	0.001	mg/L	0.0200		110	73.7-132			
2-Butanone	0.018	0.005	mg/L	0.0200		90.2	63.6-139			
1,1-Dichloroethene	0.020	0.001	mg/L	0.0200		100	75.9-127			
Chloroform	0.018	0.001	mg/L	0.0200		91.6	77-126			
Carbon tetrachloride	0.020	0.001	mg/L	0.0200		100	82.4-125			
Benzene	0.019	0.001	mg/L	0.0200		97.4	84.8-117			
1,2-Dichloroethane	0.019	0.001	mg/L	0.0200		93.4	79.5-122			
Trichloroethene	0.019	0.001	mg/L	0.0200		97.4	77.7-123			
Tetrachloroethene	0.019	0.001	mg/L	0.0200		93.6	78.3-120			
Chlorobenzene	0.019	0.001	mg/L	0.0200		92.6	83.1-113			
1,4 Dichlorobenzene	0.018	0.001	mg/L	0.0200		90.0	77.5-118			
Surrogate: Dibromofluoromethane	0.0103		mg/L	0.0100		103	87.7-118			
Surrogate: Toluene-d8	0.00989		mg/L	0.0100		98.9	78.6-116			
Surrogate: 4-Bromofluorobenzene	0.00976		mg/L	0.0100		97.6	55-132			

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388Reported:
14-Feb-13 11:32**TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3020104 - Volatiles										
LCS Dup (3020104-BSD1)				Prepared & Analyzed: 01-Feb-13						
Vinyl chloride	0.021	0.001	mg/L	0.0200		106	73.7-132	4.22	24	
2-Butanone	0.020	0.005	mg/L	0.0200		101	63.6-139	11.1	13.2	
1,1-Dichloroethene	0.022	0.001	mg/L	0.0200		109	75.9-127	8.18	21.6	
Chloroform	0.019	0.001	mg/L	0.0200		96.4	77-126	5.11	18.1	
Carbon tetrachloride	0.021	0.001	mg/L	0.0200		107	82.4-125	6.32	17.1	
Benzene	0.021	0.001	mg/L	0.0200		103	84.8-117	5.10	17.2	
1,2-Dichloroethane	0.020	0.001	mg/L	0.0200		99.1	79.5-122	5.87	14.8	
Trichloroethene	0.020	0.001	mg/L	0.0200		102	77.7-123	5.11	16	
Tetrachloroethene	0.020	0.001	mg/L	0.0200		101	78.3-120	7.95	17.4	
Chlorobenzene	0.020	0.001	mg/L	0.0200		98.6	83.1-113	6.22	16.5	
1,4 Dichlorobenzene	0.019	0.001	mg/L	0.0200		95.6	77.5-118	6.03	18.1	
Surrogate: Dibromofluoromethane	0.0102		mg/L	0.0100		102	87.7-118			
Surrogate: Toluene-d8	0.00985		mg/L	0.0100		98.5	78.6-116			
Surrogate: 4-Bromofluorobenzene	0.00968		mg/L	0.0100		96.8	55-132			

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240Project: WADCO
Project Number: WAD-12-001
Project Manager: Bob Allen
Fax To: (575) 393-4388Reported:
14-Feb-13 11:32**TCLP Extraction by EPA 1311 - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020511 - EPA 3005 TCLP**Blank (3020511-BLK1)**

Prepared & Analyzed: 04-Feb-13

Lead	ND	0.10	mg/L
Chromium	ND	0.05	mg/L
Barium	ND	0.35	mg/L
Selenium	ND	0.20	mg/L
Arsenic	ND	0.10	mg/L
Cadmium	ND	0.05	mg/L
Silver	ND	0.0500	mg/L

LCS (3020511-BS1)

Prepared & Analyzed: 04-Feb-13

Silver	0.0980	mg/L	0.100	98.0	85-115
Selenium	7.91	mg/L	8.00	98.9	85-115
Lead	2.03	mg/L	2.00	102	85-115
Chromium	2.02	mg/L	2.00	101	85-115
Cadmium	2.02	mg/L	2.00	101	85-115
Barium	2.10	mg/L	2.00	105	85-115
Arsenic	4.14	mg/L	4.00	104	85-115

LCS Dup (3020511-BSD1)

Prepared & Analyzed: 04-Feb-13

Cadmium	2.07	mg/L	2.00	104	85-115	2.44	20
Silver	0.101	mg/L	0.100	101	85-115	3.02	20
Barium	2.15	mg/L	2.00	108	85-115	2.35	20
Lead	2.08	mg/L	2.00	104	85-115	2.43	20
Arsenic	4.29	mg/L	4.00	107	85-115	3.56	20
Selenium	8.09	mg/L	8.00	101	85-115	2.25	20
Chromium	2.06	mg/L	2.00	103	85-115	1.96	20

Batch 3020512 - EPA 245.1**Blank (3020512-BLK1)**

Prepared & Analyzed: 05-Feb-13

Mercury	ND	0.0002	mg/L
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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Safety & Environmental Solutions
 703 East Clinton
 Hobbs NM, 88240

 Project: WADCO
 Project Number: WAD-12-001
 Project Manager: Bob Allen
 Fax To: (575) 393-4388

 Reported:
 14-Feb-13 11:32

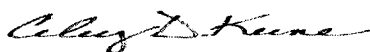
TCLP Extraction by EPA 1311 - Quality Control
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3020512 - EPA 245.1										
LCS (3020512-BS1)				Prepared & Analyzed: 05-Feb-13						
Mercury	0.0022		mg/L	0.00200		110	85-115			
LCS Dup (3020512-BSD1)				Prepared & Analyzed: 05-Feb-13						
Mercury	0.0023		mg/L	0.00200		115	85-115	4.44	20	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

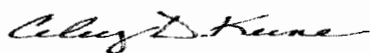
Notes and Definitions

Z-01	> 140
S-HI	High surrogate recovery was confirmed as a matrix effect by a second analysis.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GAL	Analysis subcontracted to Green Analytical Laboratories, a subsidiary of Cardinal Laboratories.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Surgey & Environmental Sol.</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>William Bob</u>		P.O. #:		<u>TECP (Full Panel)</u> <u>TECP Vols</u> <u>Sigst</u> <u>Metals</u> <u>Pesticide/Herbicide</u> <u>RCI</u>											
Address: <u>703 E. Clinton</u>		Company:													
City: <u>Hubers</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:													
Phone #: <u>575 348 0510</u> Fax #:		Address: <u>Private</u>													
Project #: <u>WADO 12-001</u> Project Owner: <u>WADO</u>		City:													
Project Name:		State: Zip:													
Project Location: <u>Guantanamo Bay, Cuba</u>		Phone #:													
Sampler Name: <u>Bob Brown</u>		Fax #:													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	C (GRAB OR C/COMP.)	# CONTAINERS	MATRIX	PRESERV.	SAMPLING									
<u>H300925-</u>				GROUNDWATER											
<u>01</u>	<u>C-11</u>			WASTEWATER											
				SOIL											
				OIL											
				SLUDGE											
				OTHER											
				ACID/BASE											
				ICE/COOL											
				OTHER											
				DATE	TIME										
				<u>1/25</u>	<u>1345</u>										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i> Relinquished By: _____		Date: <i>5/25/13</i> Time: <i>1430</i> Date: _____ Time: _____		Received By: <i>[Signature]</i> Received By: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____ REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>5°C</i>		Sample Condition Cool/Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>CDL</i>			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Jones, Brad A., EMNRD

From: Bob Allen <ballen@sesi-nm.com>
Sent: Wednesday, January 23, 2013 3:33 PM
To: wadehavens@wadecospecialties.com
Cc: Jones, Brad A., EMNRD; Susana; scontreras@sesi-nm.com
Subject: C0-100

Wade...

As we discussed in our telephone conversation today, Mr. Brad Jones of the New Mexico Oil Conservation Division (NMOCD) has rejected the TAG Closed Cup Flash Point Test submitted by Mr. Rob Cochran on behalf of Wadeco Specialties. Mr. Jones is requiring the analysis for hazardous waste as listed in **40 CFR Part 261.21, 261.22, 261.23, and 261.24** for Ignitibility, Corrosivity, Reactivity, and Toxicity respectively. Mr. Jones may be reached at (505)476-3487. Please have the appropriate analysis run on a representative sample of the C-100 Corrosion Inhibiter. Please ensure that the correct EPA Methods are performed on your sample. The sample must be properly packaged, preserved and transported under chain of custody to a qualified laboratory for analysis. These analyses are usually referred to as a TCLP and RCI. Please forward your results to me and to Mr. Jones upon receipt. Thank you.

Bob Allen CSP, CHMM
Cell # 575.390.7063
Office # 575.397.0510
Fax # 575.393.4388

Isaiah 40:31

They that wait upon the Lord shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint.

Jones, Brad A., EMNRD

From: Bob Allen <ballen@sesi-nm.com>
Sent: Tuesday, January 22, 2013 1:09 PM
To: Jones, Brad A., EMNRD
Subject: FW: TAG Closed Cup test results on sample labeled CI-100
Attachments: WAA8AB~1.DOC

Brad:

I have attached the Wadeco Specialists document that shows that the flashpoint is 206°. Let me know if I can be of further assistance.

Thank you,

Bob Allen CSP, CHMM
Cell # 575.390.7063
Office # 575.397.0510
Fax # 575.393.4388

Isaiah 40:31

They that wait upon the Lord shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint.

**ROB COCHRAN CONSULTING, INC.
P.O. Box 2154
3410 Thomason Drive
Midland, Texas 79703**

TAG CLOSED CUP FLASH POINT ASTM D-56 (RCCI ADAPTED)

COMPANY: WadeCo Specialties, L.L.C.

DATE RECEIVED: 1-17-13

SAMPLE TESTED: CI-100 Supplied by WadeCo DATE REPORTED: 1-18-13

Procedure:

- 1) Sample is added to Flash Point Cup to standard level
- 2) Sample in Flash Point Cup is placed in sample heater
- 3) Gas Flame is lit
- 4) Sample stirring is engaged
- 5) Sample is heated at a rate of 1 degree F per minute as measured by a standardized thermometer
- 6) Sample is flame tested for flash point once per minute
- 7) Once a sample flash is observed, flash temperature is recorded
- 8) Flash Point Cup is cleaned
- 9) Fresh sample is added to Flash Point Cup to standard level
- 10) Steps 2-7 are repeated, flash temperature is recorded
- 11) Procedure is repeated until three consecutive flash temperatures agree plus or minus 1 degree F.

<u>SAMPLE</u>	<u>TAG CLOSED CUP FLASH POINT IN DEGREES F</u>
1) CI-100 Test 1	206
2) CI-100 Test 2	206
3) CI-100 Test 3	206

TEST RESULTS : Based upon our testing we certify that the TAG Closed Cup Flash Point of the sample provided to RCCI by WadeCo Specialties, L.L.C. representative Mr. Wade Havens is 206 degrees Fahrenheit.

Respectfully submitted,
Rob Cochran
President
Rob Cochran Consulting, Inc. (RCCI)
cellular : (432)-557-7877
FAX: (432)-520-5810

Jones, Brad A., EMNRD

From: Leking, Geoffrey R, EMNRD
Sent: Tuesday, February 21, 2012 7:06 AM
To: Bob Allen
Cc: Jones, Brad A., EMNRD
Subject: RE: Halliburton MSDS

Bob

Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Monday, February 20, 2012 4:05 PM
To: Leking, Geoffrey R, EMNRD
Subject: Re: Halliburton MSDS

Taken back to Halliburton put in their Haz waste storage that is sent to Duncan, Oklahoma.

From: "Leking, Geoffrey R, EMNRD" <GeoffreyR.Leking@state.nm.us>
Date: Mon, 20 Feb 2012 22:55:05 +0000
To: James Allen <ballen@sesi-nm.com>
Subject: RE: Halliburton MSDS

Bob

Go ahead with the RCI. By the way...where did the liquid go for disposal? Thanks.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Monday, February 20, 2012 3:16 PM

To: Leking, Geoffrey R, EMNRD
Subject: FW: Halliburton MSDS

Bob Allen CSP, CHMM
Cell # 575.390.7063
Office # 575.397.0510
Fax # 575.393.4388

Isaiah 40:31

They that wait upon the Lord shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint.

From: Bob Allen [mailto:ballen@sesi-nm.com]
Sent: Friday, February 17, 2012 7:11 AM
To: 'josemcarrillo@yahoo.com'
Subject: Halliburton MSDS

Joe...please call and let me know what analysis you will need.

Bob Allen CSP, CHMM
Cell # 575.390.7063
Office # 575.397.0510
Fax # 575.393.4388

Isaiah 40:31

They that wait upon the Lord shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint.

From: Michael Morrow[mailto:Michael.Morrow@halliburton.com]
Sent: Thursday, February 16, 2012 1:45 PM
To: ballen@sesi-nm.com
Subject: MSDS

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Jones, Brad A., EMNRD

From: Leking, Geoffrey R, EMNRD
Sent: Monday, February 20, 2012 3:34 PM
To: Jones, Brad A., EMNRD
Subject: FW: Halliburton MSDS
Attachments: LoSurf300D.pdf

Brad

This is the MSDS of the surfactant that was spilled on the ground. The spill was vacuumed and then excavation took place. Bob Allen knows that CRI takes non-exempt non-hazardous waste. He is working off this premise for Sundance. He stated that he would like to just run RCI as the material's only hazardous quality is flammability (and now that it is mixed with dirt it should be non-flammable). But he will run TCLP if instructed. Material was being used by Halliburton for cement and perforation jobs. Spilled on a COG site. He estimates that 8 or 9 barrels were spilled. Spill site is in Eddy County. I haven't talked to Mike Bratcher, but he might have some insight on the spill. Let me know if you need anything else. Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leking@state.nm.us

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Monday, February 20, 2012 3:16 PM
To: Leking, Geoffrey R, EMNRD
Subject: FW: Halliburton MSDS

Bob Allen CSP, CHMM
Cell # 575.390.7063
Office # 575.397.0510
Fax # 575.393.4388

Isaiah 40:31

They that wait upon the Lord shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint.

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Friday, February 17, 2012 7:11 AM
To: 'josemcarrillo@yahoo.com'
Subject: Halliburton MSDS

Joe...please call and let me know what analysis you will need.

Bob Allen CSP, CHMM
Cell # 575.390.7063
Office # 575.397.0510
Fax # 575.393.4388

Isaiah 40:31

They that wait upon the Lord shall renew their strength; they shall mount up with wings as eagles; they shall run, and not be weary; and they shall walk, and not faint.

From: Michael Morrow [<mailto:Michael.Morrow@halliburton.com>]
Sent: Thursday, February 16, 2012 1:45 PM
To: ballen@sesi-nm.com
Subject: MSDS

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HALLIBURTON

MATERIAL SAFETY DATA SHEET

Product Trade Name: LoSurf-300D

Revision Date: 03-Jan-2012

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: LoSurf-300D
Synonyms: None
Chemical Family: Blend
Application: Non-ionic Surfactant
Manufacturer/Supplier: Halliburton Energy Services
P.O. Box 1431
Duncan, Oklahoma 73536-0431
Emergency Telephone: (281) 575-5000
Prepared By: Chemical Compliance
Telephone: 1-580-251-4335
e-mail: fdunexchem@halliburton.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances	CAS Number	PERCENT	ACGIH TLV-TWA	OSHA PEL-TWA
Ethanol	64-17-5	30 - 60%	1000 ppm	1000 ppm
Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	1 - 5%	Not applicable	Not applicable
Naphthalene	91-20-3	1 - 5%	10 ppm (S)	10 ppm
1,2,4 Trimethylbenzene	95-63-6	0 - 1%	25 ppm	Not applicable
Heavy aromatic petroleum naphtha	64742-94-5	10 - 30%	Not applicable	Not applicable

3. HAZARDS IDENTIFICATION

Hazard Overview May cause eye, skin, and respiratory irritation. May cause headache, dizziness, and other central nervous system effects. May be harmful if swallowed. Flammable.

4. FIRST AID MEASURES

Inhalation If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Skin Wash with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and launder before reuse.

Eyes Check for and remove contact lenses if present. In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Ingestion Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point/Range (F):	57
Flash Point/Range (C):	14
Flash Point Method:	PMCC
Autoignition Temperature (F):	Not Determined
Autoignition Temperature (C):	Not Determined
Flammability Limits in Air - Lower (%):	3.3
Flammability Limits in Air - Upper (%):	19

Fire Extinguishing Media Carbon Dioxide, Dry Chemicals, Foam.

Special Exposure Hazards Use water spray to cool fire exposed surfaces. Closed containers may explode in fire. Decomposition in fire may produce toxic gases.

Special Protective Equipment for Fire-Fighters Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

NFPA Ratings: Health 2, Flammability 3, Reactivity 0

HMIS Ratings: Health 2, Flammability 3, Physical Hazard 0 , PPE: H

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures Use appropriate protective equipment. Wear self-contained breathing apparatus in enclosed areas.

Environmental Precautionary Measures Prevent from entering sewers, waterways, or low areas.

Procedure for Cleaning / Absorption Remove ignition sources and work with non-sparking tools. Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

7. HANDLING AND STORAGE

Handling Precautions Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Avoid breathing mist. Wash hands after use. Launder contaminated clothing before reuse. Ground and bond containers when transferring from one container to another.

Storage Information Keep from heat, sparks, and open flames. Keep container closed when not in use. Store in a cool well ventilated area. Product has a shelf life of 24 months.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation.

Respiratory Protection If engineering controls and work practices cannot keep exposure below occupational exposure limits or if exposure is unknown, wear a NIOSH certified, European Standard EN 149, or equivalent respirator when using this product. Selection of and instruction on using all personal protective equipment, including respirators, should be performed by an Industrial Hygienist or other qualified professional.

Organic vapor respirator.

Hand Protection Butyl rubber gloves. Neoprene gloves.

Skin Protection	Rubber apron.
Eye Protection	Chemical goggles; also wear a face shield if splashing hazard exists.
Other Precautions	Eyewash fountains and safety showers must be easily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Amber
Odor:	Alcohol
pH:	7
Specific Gravity @ 20 C (Water=1):	.903
Density @ 20 C (lbs./gallon):	7.53
Bulk Density @ 20 C (lbs/ft3):	Not Determined
Boiling Point/Range (F):	173.1
Boiling Point/Range (C):	78.4
Freezing Point/Range (F):	-76.9
Freezing Point/Range (C):	-60.51
Vapor Pressure @ 20 C (mmHg):	40 (etoh)
Vapor Density (Air=1):	> 10
Percent Volatiles:	55-65
Evaporation Rate (Butyl Acetate=1):	< 3.3
Solubility in Water (g/100ml):	Soluble
Solubility in Solvents (g/100ml):	Not Determined
VOCs (lbs./gallon):	Not Determined
Viscosity, Dynamic @ 20 C (centipoise):	Not Determined
Viscosity, Kinematic @ 20 C (centistrokes):	Not Determined
Partition Coefficient/n-Octanol/Water:	Not Determined
Molecular Weight (g/mole):	Not Determined

10. STABILITY AND REACTIVITY

Stability Data:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid	Keep away from heat, sparks and flame.
Incompatibility (Materials to Avoid)	Strong oxidizers.
Hazardous Decomposition Products	Oxides of nitrogen. Carbon monoxide and carbon dioxide.
Additional Guidelines	Not Applicable

11. TOXICOLOGICAL INFORMATION

Principle Route of Exposure	Eye or skin contact, inhalation.
Inhalation	May cause respiratory irritation. May cause central nervous system depression including headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.
Skin Contact	May cause skin irritation.
Eye Contact	May cause eye irritation.

Ingestion	Irritation of the mouth, throat, and stomach. May cause abdominal pain, vomiting, nausea, and diarrhea. Aspiration into the lungs may cause chemical pneumonitis including coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.
Aggravated Medical Conditions	Skin disorders. Eye ailments.
Chronic Effects/Carcinogenicity	The International Agency for Research on Cancer (IARC) has evaluated naphthalene and determined it to be a possible carcinogen to humans (Group 2B, based on sufficient evidence in experimental animals and inadequate evidence in humans).
Other Information	None known.
Toxicity Tests	
Oral Toxicity:	Not determined
Dermal Toxicity:	Not determined
Inhalation Toxicity:	Not determined
Primary Irritation Effect:	Not determined
Carcinogenicity	Not determined
Genotoxicity:	Not determined
Reproductive / Developmental Toxicity:	Not determined

12. ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air)	Not determined
Persistence/Degradability	Not determined
Bio-accumulation	Not determined

Ecotoxicological Information

Acute Fish Toxicity:	May be toxic to aquatic life.
Acute Crustaceans Toxicity:	Not determined
Acute Algae Toxicity:	Not determined
Chemical Fate Information	Not determined
Other Information	Not applicable

13. DISPOSAL CONSIDERATIONS

Disposal Method	Disposal should be made in accordance with federal, state, and local regulations.
Contaminated Packaging	Follow all applicable national or local regulations.

14. TRANSPORT INFORMATION

Land Transportation

DOT

UN1993, Flammable Liquid, N.O.S. (Contains Ethanol, Heavy Aromatic Naphtha), 3, II, (14 C)
NAERG 128

Canadian TDG

Flammable Liquid, N.O.S. (Contains Ethanol, Heavy Aromatic Naphtha), 3, UN1993, II, (14 C)

ADR

UN1993, Flammable Liquid, N.O.S. (Contains Ethanol, Heavy Aromatic Naphtha), 3, II

Air Transportation**ICAO/IATA**

UN1993, Flammable Liquid, N.O.S., 3, II
(Contains Ethanol, Heavy Aromatic Naphtha)

Sea Transportation**IMDG**

UN1993, Flammable Liquid, N.O.S. (Contains Ethanol, Heavy Aromatic Naphtha), 3, II, (14 C)
EmS F-E, S-E

Other Transportation Information

Labels: Flammable Liquid

15. REGULATORY INFORMATION**US Regulations**

US TSCA Inventory	All components listed on inventory or are exempt.
EPA SARA Title III Extremely Hazardous Substances	Not applicable
EPA SARA (311,312) Hazard Class	Acute Health Hazard Chronic Health Hazard Fire Hazard
EPA SARA (313) Chemicals	This product contains toxic chemical(s) listed below which is(are) subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR Part 372: Naphthalene//91-20-3 1,2,4-Trimethylbenzene//95-63-6
EPA CERCLA/Superfund Reportable Spill Quantity	EPA Reportable Spill Quantity is 1122 Gallons based on Naphthalene (CAS: 91-20-3).

EPA RCRA Hazardous Waste Classification

If product becomes a waste, it does meet the criteria of a hazardous waste as defined by the US EPA, because of:

Ignitability D001

California Proposition 65

The California Proposition 65 regulations apply to this product.

MA Right-to-Know Law

One or more components listed.

NJ Right-to-Know Law

One or more components listed.

PA Right-to-Know Law

One or more components listed.

Canadian Regulations

Canadian DSL Inventory

All components listed on inventory or are exempt.

WHMIS Hazard Class

D2B Toxic Materials
B2 Flammable Liquids
D2A Very Toxic Materials

16. OTHER INFORMATION

The following sections have been revised since the last issue of this MSDS

Not applicable

Additional Information

For additional information on the use of this product, contact your local Halliburton representative.

For questions about the Material Safety Data Sheet for this or other Halliburton products, contact Chemical Compliance at 1-580-251-4335.

Disclaimer Statement

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.

*****END OF MSDS*****

Jones, Brad A., EMNRD

From: Leking, Geoffrey R, EMNRD
Sent: Friday, February 17, 2012 10:08 AM
To: Jones, Brad A., EMNRD
Subject: Sundance Disposal Questions

Brad

Sundance queried:

- 1) Haliburton would like to send them a couple of barrels of surfactants. Sundance proposes to put in evaporation pond if allowed to accept.
- 2) Cimarex would like to send them 8 barrels of dilute acid at 20%.

Can they take these materials? Thank you.

Geoff

Chavez, Carl J, EMNRD

From: Horowitz, Ruth, NMENV
Sent: Friday, January 11, 2013 11:00 AM
To: Chavez, Carl J, EMNRD
Subject: RE: Spill and Disposal Inquiry
Attachments: RE; FW: haz mat 12-23-2012

Hi Carl,

Here is everything they sent me and the original DPS report. Call me if you need more information.

Ruth

From: Chavez, Carl J, EMNRD
Sent: Friday, January 11, 2013 10:52 AM
To: Horowitz, Ruth, NMENV
Subject: Spill and Disposal Inquiry

Ruth:

Could you please call me. I need to find out more than the paragraph below describes. Thx.

Ruth: The waste was a "spill of a chemical substance or commercial product" (not an OCD-regulated waste such as crude contaminated soil, for example), so assuming the determination that the contaminated soil was not hazardous was correct, then a scenario would be using a registered special waste hauler, special waste manifest, and disposal at a solid waste facility permitted to accept the waste. At the same time, because the soil was transported to an OCD-regulated facility for disposal (e.g., Sundance), then if an improper disposal occurred, it did so in violation of the permit conditions for that disposal site, and the complaint or concern could be referred to the OCD. If the Sundance site is permitted to accept this sort of waste, then I would just let this go. If not, then we need to decide if we forward the matter to the OCD (whether they do anything or not) or if we push the matter. My vote at the moment would be to refer the issue to OCD – especially since the waste has otherwise been cleaned up and disposed. If they want the SWB's assistance, it would be a lot cleaner responding to a request to enforcement from the OCD. Your thoughts? CHUCK SENDS...

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive, Santa Fe, New Mexico 87505
Office: (505) 476-3490
E-mail: CarlJ.Chavez@State.NM.US

Website: <http://www.emnrd.state.nm.us/ocd/>

"Why Not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward With the Rest of the Nation?" To see how, please go to: "Pollution Prevention & Waste Minimization" at <http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>

From: Horowitz, Ruth, NMENV
Sent: Friday, January 11, 2013 10:45 AM
To: Chavez, Carl J, EMNRD
Subject: FW: RE:

Hi Carl,

How does OCD want to handle this?

Ruth

From: Akeley, Chuck, NMENV
Sent: Friday, January 11, 2013 10:38 AM
To: Horowitz, Ruth, NMENV
Subject: RE: RE:

Ruth: The waste was a "spill of a chemical substance or commercial product" (not an OCD-regulated waste such as crude contaminated soil, for example), so assuming the determination that the contaminated soil was not hazardous was correct, then a scenario would be using a registered special waste hauler, special waste manifest, and disposal at a solid waste facility permitted to accept the waste. At the same time, because the soil was transported to an OCD-regulated facility for disposal (e.g., Sundance), then if an improper disposal occurred, it did so in violation of the permit conditions for that disposal site, and the complaint or concern could be referred to the OCD. If the Sundance site is permitted to accept this sort of waste, then I would just let this go. If not, then we need to decide if we forward the matter to the OCD (whether they do anything or not) or if we push the matter. My vote at the moment would be to refer the issue to OCD – especially since the waste has otherwise been cleaned up and disposed. If they want the SWB's assistance, it would be a lot cleaner responding to a request to enforcement from the OCD. Your thoughts? CHUCK SENDS...

George W. Akeley Jr. (Chuck)
Manager, Enforcement Section
Solid Waste Bureau
New Mexico Environment Department
1190 Saint Francis Drive
P.O. Box 5469
Santa Fe, New Mexico 87502-5469
Telephone: (505) 827-2924
Facsimile: (505) 827-2902
Email: chuck.akeley@state.nm.us

From: Horowitz, Ruth, NMENV
Sent: Friday, January 11, 2013 10:14 AM
To: Akeley, Chuck, NMENV
Cc: Pullen, Steve, NMENV
Subject: RE: RE:

I think it's an OCD regulated landfill. The question is, were they allowed to dispose of this spill material there? The MSDS sheet says that the product is HW, but for a spill it's not. In my opinion it should have been disposed of as a special waste but I'm not sure how to approach this.

From: Akeley, Chuck, NMENV
Sent: Friday, January 11, 2013 9:43 AM
To: Horowitz, Ruth, NMENV
Subject: RE: RE:

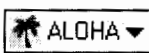
Ruth, I don't know what to make of this. Is Sundance Services a landfill? Their website is not responding. If this is an OCD issue, or as I see the MSDS stating that spill disposal should be managed as a hazardous waste, I'm not sure what to do... Any clarification? Who received the waste for disposal, etc.? CHUCK SENDS...

George W. Akeley Jr. (Chuck)
Manager, Enforcement Section
Solid Waste Bureau
New Mexico Environment Department
1190 Saint Francis Drive
P.O. Box 5469
Santa Fe, New Mexico 87502-5469
Telephone: (505) 827-2924
Facsimile: (505) 827-2902
Email: chuck.akeley@state.nm.us

From: Horowitz, Ruth, NMENV
Sent: Thursday, January 10, 2013 5:01 PM
To: Pullen, Steve, NMENV; Faris, Bart, NMENV; Akeley, Chuck, NMENV
Subject: FW: RE:

Comments please.

I put the UN # into Cameo chemicals and got this:



UN/NA 1993

Help



Home

Help

Search Chemicals

New Search

MyChemicals

chemicals: 0

View MyChemicals

Predict Reactivity

United Nations/North American Number Datasheet

UN/NA 1993

→ CAMEO Chemicals has 231 chemical datasheets with response records below.

Emergency Response Guidebook (ERG, 2012)

What is this information? ▶

Material Names

Combustible liquid, n.o.s.
Compound, cleaning liquid (flammable)
Compound, tree or weed killing, liquid (flammable)
Diesel fuel
Flammable liquid, n.o.s.
Fuel oil

There are no **initial isolation and protective action distances** listed in the

The ERG doesn't predict that large amounts of **toxic-by-inhalation gases**

Hazmat Table (49 CFR 172.101)

What is this information? ▶

UN/NA	Proper Shipping Name
NA	Combustible liquid, n.o.s.
NA	Compounds, cleaning liquid
NA	Compounds, tree killing, liquid or Compounds, weed kill liquid
NA	Compounds, tree killing, liquid or Compounds, weed kill liquid
NA	Diesel fuel
NA	Fuel oil (No. 1, 2, 4, 5, or 6)
UN	Flammable liquids, n.o.s.

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Thursday, January 10, 2013 9:04 AM
To: Horowitz, Ruth, NMENV
Subject: RE:

Ms. Horowitz,

I have met with Mr. Wade Havens, owner of Wadco Specialties, and received his permission to forward the attached report to you and to work with you to insure that you receive all information you will require regarding this spill. Upon review of this report, please contact me with any additional requirements or questions. Mr. Havens indicated that he would also be available as necessary. Thank you

From: Horowitz, Ruth, NMENV [<mailto:Ruth.Horowitz@state.nm.us>]
Sent: Wednesday, January 09, 2013 12:06 PM
To: Bob Allen
Subject: RE:

Mr. Allen,

The state WQCC regulations require a written report, within 7 working days, of the incident outlining the details of the incident and how it will be handled, followed by a 15 day report outlining the incident and the corrective actions taken along with supporting documentation, shipping manifests and soil sample analysis that shows the release was properly mitigated.

While I understand that your company is not the responsible party, you were given as a contact for this information by the responsible party. In order to avoid enforcement action please provide me with the 15 day report documentation within 7 days of this email.

Thank you,

Ruth Horowitz
Incident Response Coordinator
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe
505-476-6025/866-428-6535
Fax: 505-476-6030

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Thursday, January 03, 2013 4:16 PM
To: Horowitz, Ruth, NMENV
Subject:

Ruth...attached is the MSDS provided by Wadeco Specialties to Officer Baker and myself on-site.

Chavez, Carl J, EMNRD

From: Horowitz, Ruth, NMENV
Sent: Friday, January 11, 2013 11:12 AM
To: Chavez, Carl J, EMNRD
Subject: RE: Spill and Disposal Inquiry
Attachments: RE: haz mat 12-23-2012

Hi Carl,

Here's the discussion that I had with OCD about this incident before I started to handle it. You were out ☺

Ruth

From: Chavez, Carl J, EMNRD
Sent: Friday, January 11, 2013 10:52 AM
To: Horowitz, Ruth, NMENV
Subject: Spill and Disposal Inquiry

Ruth:

Could you please call me. I need to find out more than the paragraph below describes. Thx.

Ruth: The waste was a "spill of a chemical substance or commercial product" (not an OCD-regulated waste such as crude contaminated soil, for example), so assuming the determination that the contaminated soil was not hazardous was correct, then a scenario would be using a registered special waste hauler, special waste manifest, and disposal at a solid waste facility permitted to accept the waste. At the same time, because the soil was transported to an OCD-regulated facility for disposal (e.g., Sundance), then if an improper disposal occurred, it did so in violation of the permit conditions for that disposal site, and the complaint or concern could be referred to the OCD. If the Sundance site is permitted to accept this sort of waste, then I would just let this go. If not, then we need to decide if we forward the matter to the OCD (whether they do anything or not) or if we push the matter. My vote at the moment would be to refer the issue to OCD – especially since the waste has otherwise been cleaned up and disposed. If they want the SWB's assistance, it would be a lot cleaner responding to a request to enforcement from the OCD. Your thoughts? CHUCK SENDS...

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive, Santa Fe, New Mexico 87505
Office: (505) 476-3490
E-mail: CarlJ.Chavez@State.NM.US
Website: <http://www.emnrd.state.nm.us/ocd/>

"Why Not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward With the Rest of the Nation?" To see how, please go to: "Pollution Prevention & Waste Minimization" at <http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>

From: Horowitz, Ruth, NMENV
Sent: Friday, January 11, 2013 10:45 AM
To: Chavez, Carl J, EMNRD
Subject: FW: RE:

Hi Carl,

How does OCD want to handle this?

Ruth

From: Akeley, Chuck, NMENV
Sent: Friday, January 11, 2013 10:38 AM
To: Horowitz, Ruth, NMENV
Subject: RE: RE:

Ruth: The waste was a "spill of a chemical substance or commercial product" (not an OCD-regulated waste such as crude contaminated soil, for example), so assuming the determination that the contaminated soil was not hazardous was correct, then a scenario would be using a registered special waste hauler, special waste manifest, and disposal at a solid waste facility permitted to accept the waste. At the same time, because the soil was transported to an OCD-regulated facility for disposal (e.g., Sundance), then if an improper disposal occurred, it did so in violation of the permit conditions for that disposal site, and the complaint or concern could be referred to the OCD. If the Sundance site is permitted to accept this sort of waste, then I would just let this go. If not, then we need to decide if we forward the matter to the OCD (whether they do anything or not) or if we push the matter. My vote at the moment would be to refer the issue to OCD – especially since the waste has otherwise been cleaned up and disposed. If they want the SWB's assistance, it would be a lot cleaner responding to a request to enforcement from the OCD. Your thoughts? CHUCK SENDS...

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P.O. Box 5469
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Telephone: (505) 827-2924
Facsimile: (505) 827-2902
Email: chuck.akeley@state.nm.us

From: Horowitz, Ruth, NMENV
Sent: Friday, January 11, 2013 10:14 AM
To: Akeley, Chuck, NMENV
Cc: Pullen, Steve, NMENV
Subject: RE: RE:

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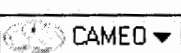
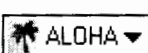
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Incident Response Coordinator
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe
505-476-6025/866-428-6535
Fax: 505-476-6030

From: Bob Allen [<mailto:ballen@sesi-nm.com>]
Sent: Thursday, January 03, 2013 4:16 PM
To: Horowitz, Ruth, NMENV
Subject:

Ruth...attached is the MSDS provided by Wadeco Specialties to Officer Baker and myself on-site.

Chavez, Carl J, EMNRD

From: Leking, Geoffrey R, EMNRD
Sent: Friday, December 28, 2012 2:23 PM
To: Horowitz, Ruth, NMENV; VonGonten, Glenn, EMNRD
Subject: RE: haz mat 12-23-2012

Ruth

Cannot find anything on Wadeco having a facility or a reported spill involving isopropanol here. Will let you know if we get anything.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Horowitz, Ruth, NMENV
Sent: Thursday, December 27, 2012 1:37 PM
To: VonGonten, Glenn, EMNRD
Cc: Leking, Geoffrey R, EMNRD
Subject: RE: haz mat 12-23-2012

Glenn,

The DPS report referenced Wadeco, do they have a branch there?

Ruth

From: VonGonten, Glenn, EMNRD
Sent: Thursday, December 27, 2012 1:35 PM
To: Horowitz, Ruth, NMENV
Cc: Leking, Geoffrey R, EMNRD
Subject: RE: haz mat 12-23-2012

Ruth,

That looks to be on the North Lovington Hwy in Hobbs. There are several service companies that OCD is aware in that general vicinity, but unless we have an address, OCD cannot check it out.

Geoff,

Have you heard about an isopropanol spill at a service company? (see attachment)

Glenn von Gonten

Senior Hydrologist
Environmental Bureau
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3488
Fax-476-3462
glenn.vongonten@state.nm.us
<http://www.emnrd.state.nm.us/ocd/>

From: Horowitz, Ruth, NMENV
Sent: Thursday, December 27, 2012 1:26 PM
To: VonGonten, Glenn, EMNRD
Cc: Trujillo, Geno H., DPS
Subject: FW: haz mat 12-23-2012

This is what I got from officer Baker.

From: Baker, Ralph M, DPS
Sent: Thursday, December 27, 2012 1:15 PM
To: Horowitz, Ruth, NMENV
Subject: RE: haz mat 12-23-2012

lat 32 44 24n lon -103 09 36w

From: Horowitz, Ruth, NMENV
Sent: Thursday, December 27, 2012 10:20 AM
To: Baker, Ralph M, DPS
Cc: VonGonten, Glenn, EMNRD
Subject: FW: haz mat 12-23-2012

Good Morning Officer Baker,

Could you please give me the location of this incident?

Thank you,

Ruth Horowitz
Incident Response Coordinator
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe
505-476-6025/866-428-6535
Fax: 505-476-6030

From: VonGonten, Glenn, EMNRD
Sent: Thursday, December 27, 2012 10:10 AM
To: Horowitz, Ruth, NMENV
Subject: RE: haz mat 12-23-2012

Ruth,

Before I can check with the District offices about this spill, I need locational information.

I spoke with Bridget about the 2 bbl. Spill that we talked about yesterday. A crude oil hauler had an overflow of 2 bbls. of crude oil that was contained in a concrete sump next to an aboveground storage tank. Because of the volume and the fact that it did not spill onto the ground, OCD considers this a non-reportable spill.

Glenn von Gonten

Senior Hydrologist
Environmental Bureau
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3488
Fax-476-3462
glenn.vongonten@state.nm.us
<http://www.emnrd.state.nm.us/ocd/>

From: Horowitz, Ruth, NMENV
Sent: Thursday, December 27, 2012 10:00 AM
To: Chavez, Carl J, EMNRD; VonGonten, Glenn, EMNRD
Subject: FW: haz mat 12-23-2012

I did not receive any notification from the RP, did they report to OCD?

From: Trujillo, Geno H., DPS
Sent: Thursday, December 27, 2012 9:38 AM
To: Horowitz, Ruth, NMENV; Bowman, Daniela, DHSEM; Shumpert, Kenneth, DHSEM; Shainin, Don, DHSEM
Subject: FW: haz mat 12-23-2012

Fyi,

From: Umprovitch, Mark G., DPS
Sent: Sunday, December 23, 2012 6:19 PM
To: Trujillo, Geno H., DPS
Subject: FW: haz mat 12-23-2012

Major Mark G. Umprovitch
New Mexico State Police
Special Operations/Fleet Commander
4491 Cerrillos Road
Santa Fe, NM 87501

505-827-3321 Office
505-827-3395 Fax

From: Oropesa, Carmen M, DPS
Sent: Sunday, December 23, 2012 2:39 PM
To: DPS-SP Significant Event Notification

Chavez, Carl J, EMNRD

From: Bob Allen <ballen@sesi-nm.com>
Sent: Thursday, January 10, 2013 9:04 AM
To: Horowitz, Ruth, NMENV
Subject: RE:
Attachments: WAD-12-001 CI-100 final report.pdf

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I have met with Mr. Wade Havens, owner of Wadco Specialties, and received his permission to forward the attached report to you and to work with you to insure that you receive all information you will require regarding this spill. Upon review of this report, please contact me with any additional requirements or questions. Mr. Havens indicated that he would also be available as necessary. Thank you

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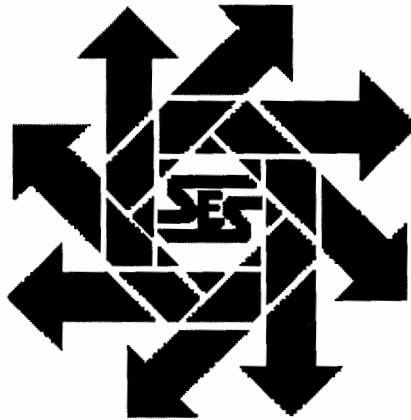
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Sent: Thursday, January 03, 2013 4:16 PM
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Subject:

Ruth...attached is the MSDS provided by Wadeco Specialities to Officer Baker and myself on-site.

Wadeco Specialties, LLC.

**3527 Industrial Drive
Lea County, New Mexico**

December 26, 2012



Prepared for:

***WadeCo Specialties, LLC.
11604 West County Road 125
Midland TX 79706***

By:

***Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510***

TABLE OF CONTENTS

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II.	Contaminant and Size of Area	1
III.	Surface and Ground Water	1
IV.	Work Performed.....	1
V.	Figures & Appendices.....	2

I. Background

Safety & Environmental Solutions, Inc. (SESI) was contacted by Mr. Dennis Guillory of WadeCo Specialties on December 23, 2012 to perform cleanup services at the WadeCo Specialties Hobbs Yard located at 3527 Industrial Drive, Lea County New Mexico.

II. Contaminant and Size of Area

According to the MSDS provided by New Mexico State Police Officer Baker the contaminant of concern was CI-100, a corrosion inhibitor and a non-regulated material. The corrosion inhibitor is made of a proprietary blend with 1 to 5% isopropanol. The flash point of the blend is over 150 degrees Fahrenheit. Mr. Guillory indicated that only about 30 gallons of the CI-100 was spilled when an employee knocked the valve off a tote containing the CI-100. The employee then flushed the area with an unknown amount of water. The addition of the water caused the CI-100 to float on the top of the water which minimized contact with the soil. No evidence of other contaminants was observed. The spill area was approximately 30' x 20' and was located under the south gate entrance to the property. The spill was still in a liquid state at the time of arrival.

III. Surface and Ground Water

The closest depth of groundwater of record listed with the New Mexico Office of the State Engineer is located in the Section 21 Range 38 East and Township 18 South is 80 feet located 145 feet east of the location.

IV. Work Performed

On December 23, 2012, Mr. Bob Allen, SESI representative, was onsite. Upon arrival met with NM State Police Officer Baker, Mr. Dennis Guillory, to determine the cause and nature of the spill. Since the spill was contained in the small area at the south gate, and the material being non-hazardous, Mr. Allen suggested that fresh sand be placed on the spill to solidify it and minimize downward migration of the spill material. This plan was acknowledged and approved by Officer Baker and Mr. Guillory. An emergency one call was submitted to the New Mexico One Call center. Alfredo's Trucking and Backhoe Service of Hobbs, New Mexico was contracted to bring in new sand and place it on the spill. This task was completed at approximately 4:20 PM.

On December 24, 2012, Alfredo's Trucking and Backhoe Service began excavation of the spill area and transported the excavated material to Sundance Services. The release area was excavated to a depth where the soil was dry with no odor, approximately one (1) foot below ground surface (bgs).

Mr. Joe Carrillo and Dominique Telles, Sundance Services representatives, were contacted for disposal of the contaminated soil. Mr. Telles approved disposal after receiving a copy of the MSDS from Mr. Allen and approximately 60 yds of soil were transported to Sundance Services.

Upon completion of the excavation, the backhoe started backfilling excavated area with approximately 40 yards of caliche that was transported back to the site from Wallach Concrete. The caliche was wetted and compacted and was completed at approximately 12:15 pm.

V. Figures & Appendices

Figure 1 –Site Map
Appendix A – MSDS
Appendix B – Disposal Manifests
Appendix C – Site Photographs

Figure 1 Site Map



Appendix A

Material Safety Data Sheet (MSDS)

MATERIAL SAFETY DATA SHEET

CI-100

ENVIRONMENTAL DATA SHEET

SECTION I - IDENTIFICATION

Company Name..... WadeCo Specialties, LLC 11604 West County Road 128 Midland, Tx
Phone Number 432-563-4340
Emergency Phone Number 432-559-1747
Effective Date Feb 2005
Trade Name CI-100
Chemical Family Not Applicable, A Blend

SECTION XI - SARA TITLE III

Section 302:.....Extremely Hazardous substances (40CFR355).
This product does not contain ingredients listed Appendix A and B.

Section 313:

Reportable Quantities:.....No

CERCLA:.....If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and must be reported to the National Response Center by calling 800.424.8802.

SECTION X - ENVIRONMENTAL DATA

EPA Hazard..... Acute

Cercla RQ Value..... None

SARA TPQ..... None

SARA RQ..... None

RCRA Hazardous Waste..... None

Clean Air..... None

Clean Water..... None

MATERIAL SAFETY DATA SHEET
CI-100

SECTION IX - SPECIAL HANDLING AND DOT

Handling and Storage. Store in a cool place away from ignition sources. Store away from oxidizers or bearing a yellow DOT label.
Precautionary Measures. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapors avoid prolonged or repeated contact with skin.
Hazard Class None
DOT Shipping Name. Not Regulated
Reportable Quantity (RQ). 20000 pounds, 2300 gallons methyl alcohol
UN/NA Number. 1993
Packaging Group: PG III
Packaging Size. Bulk and Drums

Foot Notes
N/A =Not applicable - N/D=No Data
Available <=Less Than - >=Greater Than

Prepared By. WadeCo Specialties, LLC (432) 559-1747
Revised Date. Feb 2005

This products health and safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein is based on data available to us, and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all governmental regulations. All materials in this product are produce in compliance with public law 94-469.

Trade Name. CI-100

Signal Word. Acute

Statement of Hazard.

MATERIAL SAFETY DATA SHEET

CI-100

2 HMIS HEALTH
2 HMIS FLAMMABILITY
0 HMIS REACTIVITY
B HMIS PERSONAL PROTECTION

SECTION I - IDENTIFICATION

Company Name.....WadeCo Specialties, LLC. 11604 West County Road 128 Midland, Tx 79706
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Emergency Phone Number..... 432-563-4340
Effective Date..... Feb 2005
Trade Name..... CI-100
Chemical Family..... Corrosion Inhibitor
Cas Number..... Proprietary
Chemical Formula..... Confidential

SECTION II - HAZARDOUS INGREDIENTS

Ingredients:.....Petroleum Distillates	Ingredient:Isopropanol
CAS No.:.....6474-29-12	CAS No.:.....67-63-0
Wt. Percent Range:.....75100	Wt. Percent Range:.....1-5
OSHA Pel:.....No Data Available	OSHA PEL:.....400ppm
ACGI TLV:.....No Data Available	ACGIH TLV:.....200 ppm
LD50:.....No Data Available	LD50:.....Peroral 6.48 ml/kg (rat)
	Percutaneous 8.0 ml/kg (rabbit)
LC50:.....No Data Available	LC50:.....Fathead Minnow 8,00 mg/l (96 h)
	Daphnia 7,550 mg/l (48 h)

SECTION III - PHYSICAL DATA

Boiling Point(F)..... No data available
Bulk Density:.....7.60 lbs/gal
Vapor Pressure(mm Hg)..... ND
Vapor Density(Air =1)..... ND
Volatility/Vol(%)..... ND
Solubility in H2O..... Insoluble
Appearance/Odor..... Brown Liquid, Solvent Odor
Specific Gravity (H2O=1)..... 0.8872
pH..... ND

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point..... Above 150 Deg F
Lower Flame Limit..... ND
Higher Flame Limit..... ND
Extinguish Media..... Dry Powder, Carbon Dioxide (CO2), Alcohol Foam
Protective equipment:.....NIOSH/MSHA approved self contained breathing apparatus (SCBA) & turnout gear
Unusual Fire Hazard..... Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

MATERIAL SAFETY DATA SHEET
CI-100
SECTION V - HEALTH HAZARD DATA

Threshold Limit Value. No Data Available

Routes of Entry	Inhalation	Skin?	Eye?	Ingestion?
	Acute	Acute	Acute	Acute

Health Hazards Acute, Irritant to eyes, skin, and harmful if swallowed.

Carcinogenicity	NTP?	Iarc Monographs?	OSHA Regulated
No	No	No	NO

Over Exposure Effects. Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact. Signs of inhalation overexposure: Irritation of respiratory tract, nervous systems depression, headaches, dizziness, staggering gait, confusion, unconsciousness, coma.

First Aid Procedures. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, was thoroughly with soap and water. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to mouth. If breathing is difficult, give oxygen. Get medical attention. If swallowed, Only Induce Vomiting at the instructions of medical personnel , get immediate medical attention.

SECTION VI - REACTIVITY DATA

Chemical Stability. Stable
Conditions to Avoid. Heat, Sparks, open Flames & Source of Ignition.
Incompatible Materials. Strong oxidizing agents.
Decomposition Products. From Fire: Smoke, carbons dioxide, carbon monoxide, oxides and oxides of nitrogen.
Hazardous Polymerization. Will not occur
Polymerization Avoid. None

SECTION VII - SPILL OR LEAK PROCEDURE

For Spill. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.
Waste Disposal Method. Hazardous Waste. Follow Federal and State Regulations.

SECTION VIII - SPECIAL PROTECTION

Respiratory Protection. NIOSH approved Organic Vapor Mask recommended.
Ventilation. Desired in closed places
Mechanical Exhaust. Desired
Local Exhaust. Desired in closed places
Protective Gloves. Chemical Type suitable for alcohol solvents
Eye Protection. Chemical goggles or full face shield recommended
Other Protective Equipment. HMIS personal protection: C: Safety glasses and gloves, and synthetic apron.

Appendix B Disposal Manifests



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 230900

LEASE OPERATOR/SHIPPER/COMPANY:

Wadco Specialties

LEASE NAME:

Hobbs Yard

TRANSPORTER COMPANY:

Alfredo's

TIME 5:35 AM/PM

DATE:

12-24-12

VEHICLE NO:

A-28

GENERATOR COMPANY
MAN'S NAME:

Bob Belton

CHARGE TO:

Safety + Environmental Solut.

RIG-NAME
AND NUMBER

575 394-7663

TYPE OF MATERIAL

☐ Production Water

☐ Drilling Fluids

☐ Rinsate

☐ Tank Bottoms

☒ Contaminated Soil

☐ Jet Out

☐ Solids

☐ BS&W Content:

☐ Call Out

Description:

CLD

RRC or API #

C-133#

VOLUME OF MATERIAL

☐ BBLs.

:

☒ YARD

200

:

☐

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. 230904

LEASE OPERATOR/SHIPPER/COMPANY: <u>Wadco Specialties</u>		
LEASE NAME: <u>Hobbs Yard</u>		
TRANSPORTER COMPANY: <u>Alfred's</u>		TIME: <u>7:43</u> AM/PM
DATE: <u>12-7-12</u>	VEHICLE NO: <u>A-276 @</u>	GENERATOR COMPANY MAN'S NAME: <u>Bob Allen</u>
CHARGE TO: <u>Safety & Enviro. Solution</u>		RIG NAME AND NUMBER

(per Dominguez)

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: | <input type="checkbox"/> Call Out |

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL ☐ BBLs. _____ : ☒ YARD 26 : ☐ _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Josh Rios
(SIGNATURE)

FACILITY REPRESENTATIVE: J. Sta Cruz
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231
(575) 394-2511

TICKET No. **230906**

LEASE OPERATOR/SHIPPER/COMPANY: Wardon Specialties

LEASE NAME: Hobbs Yard

TRANSPORTER COMPANY: Alfied's

TIME 11:51 (AM/PM)

DATE: 11-24-12 VEHICLE NO: 0-28

GENERATOR COMPANY
MAN'S NAME: Bob Allen

CHARGE TO: Safety Engine Solutions

RIG NAME
AND NUMBER

TYPE OF MATERIAL

☐ Production Water

☐ Drilling Fluids

☐ Rinsate

☐ Tank Bottoms

☒ Contaminated Soil

☐ Jet Out

☐ Solids

☐ BS&W Content:

☐ Call Out

Description: OLD

RRC or API #

C-133#

VOLUME OF MATERIAL ☐ BBLs. _____

☒ YARD 30

☐ _____

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

Appendix C Site Photographs



Spill area looking South East 12-23-12



Spill Area Looking East 12-23-12



Spill Run from tote Looking North East 12-23-12



Spill Run from tote looking East 12-23-12



Spill Area Looking South 12-23-12



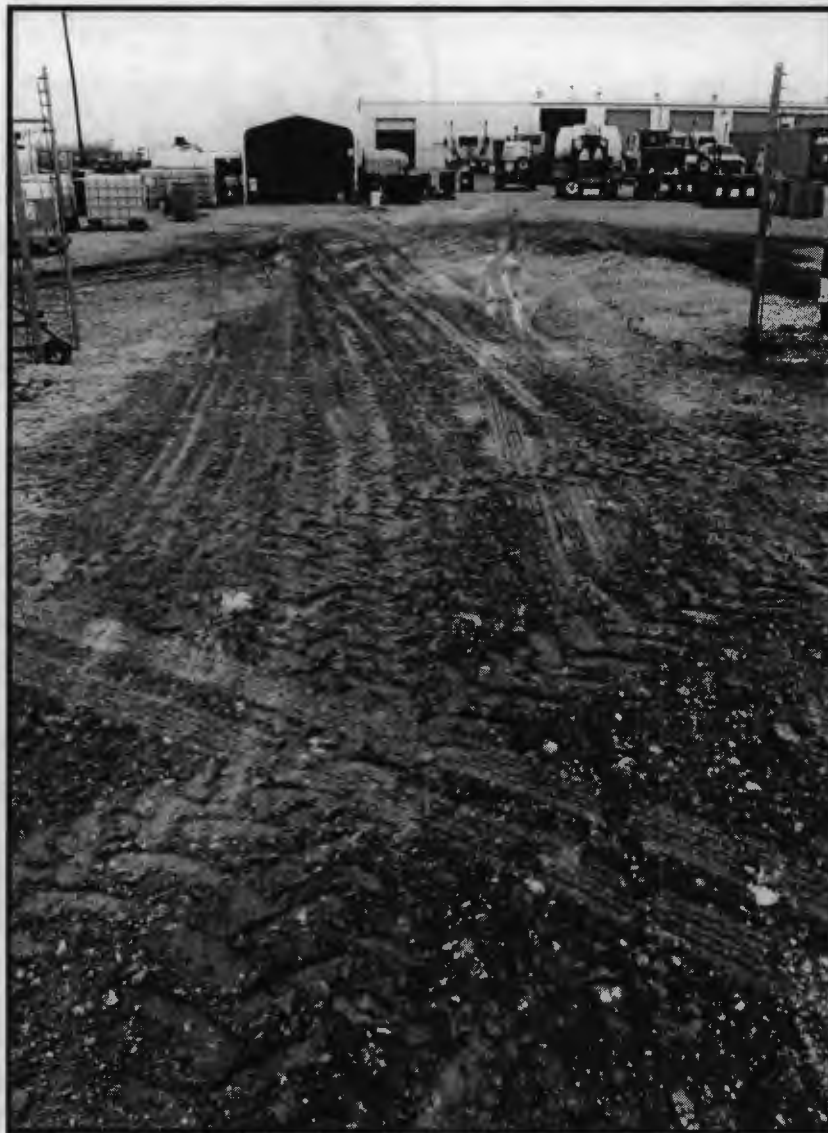
Excavated Spill Area by tote 12-24-12



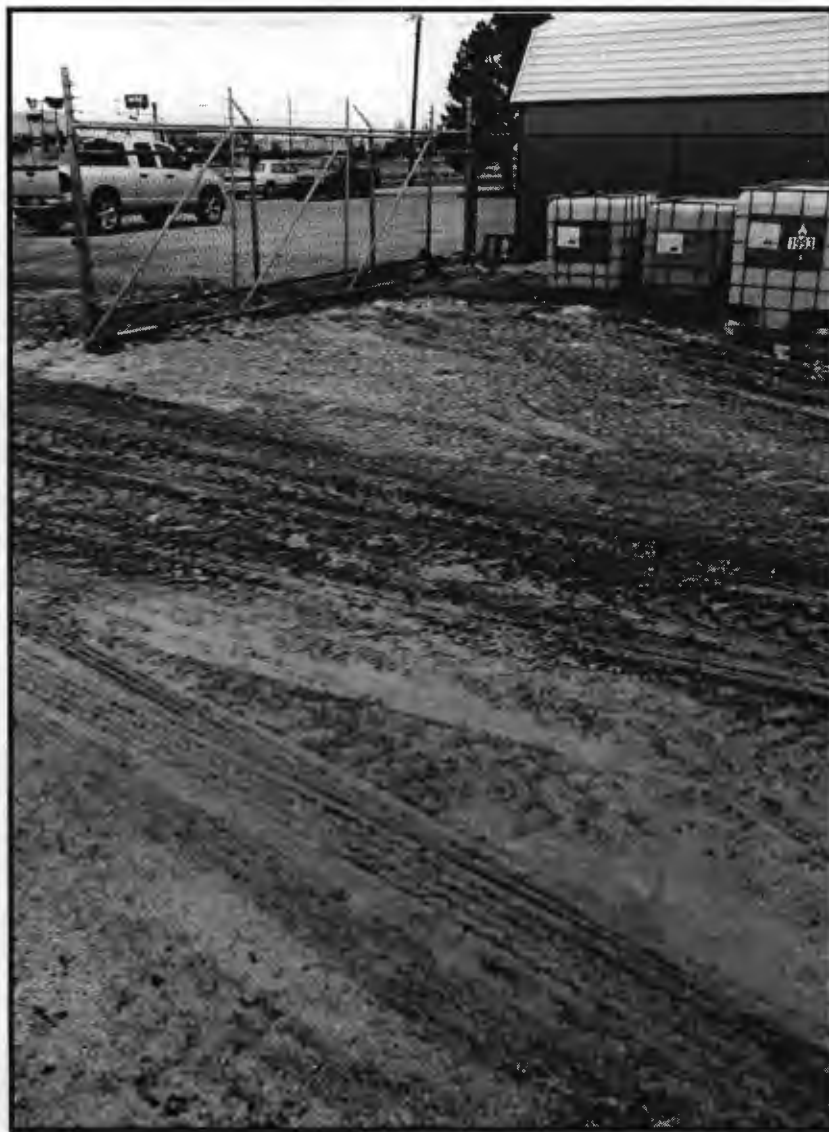
Excavated Spill Area Looking West 12-24-12



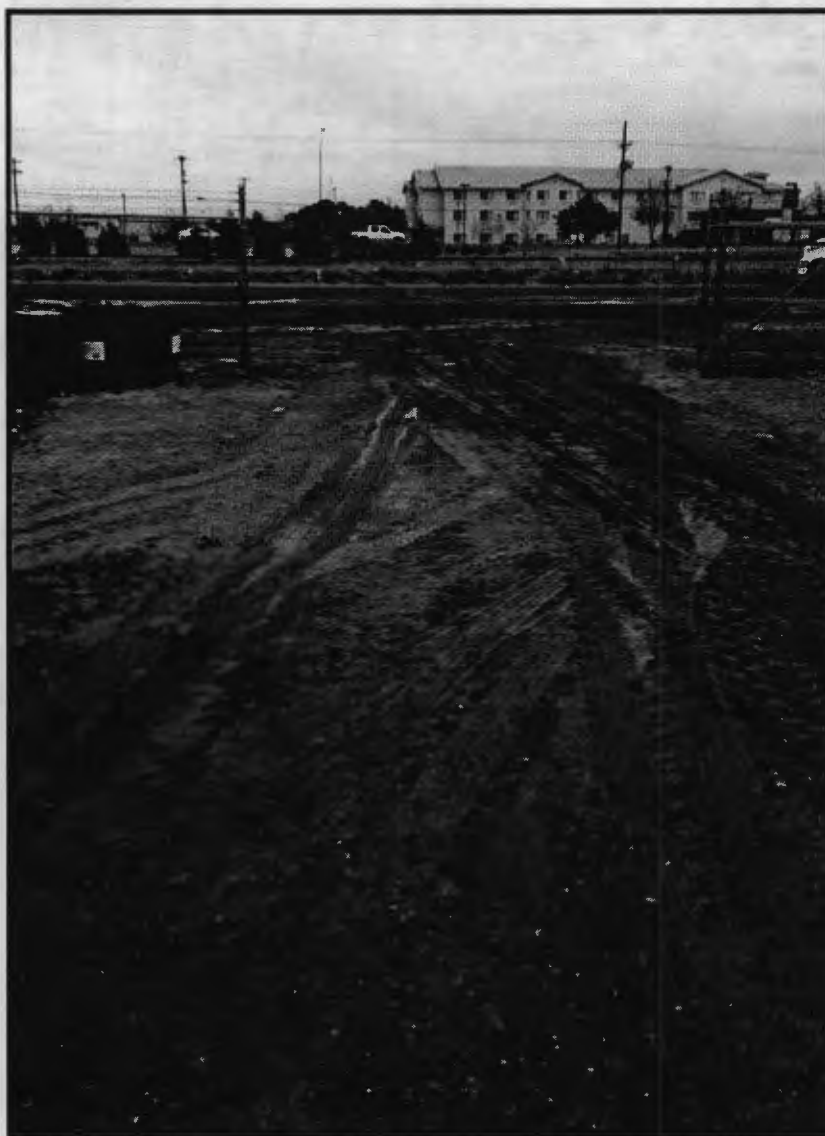
Excavated Spill Area Looking South East 12-24-12



Completed site Facing West 12-24-12



Completed site facing South 12-24-12



Completed Site Facing East 12-24-12



Area Backfilled Facing East 12-24-12

Chavez, Carl J, EMNRD

From: Trujillo, Geno H., DPS
Sent: Thursday, December 27, 2012 9:38 AM
To: Horowitz, Ruth, NMENV; Bowman, Daniela, DHSEM; Shumpert, Kenneth, DHSEM; Shainin, Don, DHSEM
Subject: FW: haz mat 12-23-2012
Attachments: haz mat 12-23-2012.doc

Fyi,

From: Umprovitch, Mark G., DPS
Sent: Sunday, December 23, 2012 6:19 PM
To: Trujillo, Geno H., DPS
Subject: FW: haz mat 12-23-2012

Major Mark G. Umprovitch
New Mexico State Police
Special Operations/Fleet Commander
4491 Cerrillos Road
Santa Fe, NM 87501

505-827-3321 Office
505-827-3395 Fax

From: Oropesa, Carmen M, DPS
Sent: Sunday, December 23, 2012 2:39 PM
To: DPS-SP Significant Event Notification
Cc: Orozco, Dina L., DPS; Murray, Lawrence E., DPS
Subject: haz mat 12-23-2012

Significant Event Notification

Revised 12/19/11

Date: 12/23/2012

Time: 0938

District: 3

Operator: CMO

Type of Event: Haz-Mat Other:

If the event is a fatal accident, BOLO or ATL complete a TTY and e-mail to DPS-Sp Significant Event

All Sig Forms will be e-mailed to the following distribution list located on the e-mail system

DPS-SP Significant Event Notification

☐ Criminal Interdiction

Location: County:

Type of Contraband:

\$ amount: Weight:

Arresting Ofc:

Bureau: Public Release:

Case Agent:

☒ Haz-Mat Opening

Haz-Mat #: PENDING

Type: Opening

☐ Haz-Mat Closing

ERO Officer: Ralph Baker Material: Isopropanol

Amount: 260-270 gallons

☐ SAR Opening

SAR mission #:

Type:

☐ SAR Closing

NMSP Mission Initiator:

Field Coordinator:

☐ Duty Injury

Officer Injured:

*Complete narrative

☐ Specialty Team Activations

Team:

*Complete narrative

☐ Fleet Crashes

Location:

Unit #: Officer Name:

Routing:

DPS-SP-Weather Notifications and DPS-SP- Significant Event Notification, or they can be called at (505) 222-6590

☐ Weather Conditions/Updates

County:

Location:

Routing: DPS-SP- Significant Event Notification

☐ Major Event

County:

Location:

Narrative: Officers are currently working a haz mat involving Isopropanol. At this time, scene is contained. Company working on doing a clean up at this time, Safety and Environmental Solutions, is in the process of getting a truck with sand to soak up the chemical so they can dispose of it in Hobbs. New dirt will be brought in when the sand is disposed of. Officer Baker did notice numerous violations in storing chemicals. The yard supervisor was advised that these violations need to be taken care of. Officer Baker will return in a couple of weeks to make sure Wade Co. Specialites is in compliance.