1R-187

# REPORTS

DATE: 7/17/1998

3311 North Grimes Hobbs, New Mexico 88240 Telephone {505} 392-0659 FAX {505} 392-4547 e-Mail: callsafe@gte.net

## Callaway Safety Equipment Co., Inc.

# Final Remedial Action Report - ADDENDUM

UMC/Ocean Energy: Carlisle State Com #1

"East Flare Pit"

N.M.P.M. S15 T16S R35E

990' FNL & 2310' FWL

Lea County New Mexico

Submitted July 17, 1998

ADDENDUM submitted October 22, 1998

Summary of the environmental remedial actions associated with this unlined pit

### Discussion:

The information provided in this Addendum to the Final Remedial Action Report for the East Flare Pit, UMC/Ocean Energy, Carlisle State Com #1 dated July 17, 1998 details the environmental sampling results of the material utilized to backfill the pit and photographic documentation of completed surface contouring.

### **Analytical Results:**

Personnel from Whole Earth Environmental, Inc. collected soil samples of the endemic backfill material on August 27, 1998, placed the sample in ice, and delivered to Callaway Safety Equipment Co., Inc.. The samples were delivered to Cardinal Laboratories, Inc. (Hobbs, New Mexico) for analyses that afternoon with the samples being analyzed on August 28, 1998. The original Chain-of-Custody/Analytical Request Form and Analytical Results Report are attached. The analytical results are summarized in the matrix below.

	East Fla	re Pit Back	fill Materia	l Analytica	l Results	
Sample ID#	TPH	Cl	Benzene	Toluene	Ethyl Benzene	Total Xylenes
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
S98827EFP	115	196	< 0.002	< 0.002	< 0.002	< 0.006

### **Photographic Documentation:**

Below is a photograph of the backfilled and contoured pit.



East Flare Pit after Final Backfilling and Contouring August 27, 1998

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.





PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CALLAWAY SAFETY EQUIPMENT CO, INC.
ATTN: PAT MCCASLAND
3311 N. GRIMES
HOBBS, NM 88240
FAX TO: (505) 392-4547

Receiving Date: 08/28/98 Reporting Date: 09/01/98

Project Number: CARLISLE #1

Project Name: CARLISLE ST COM #1

Project Location: 4 MI WEST OF LOVINGTON, NM

Sampling Date: 08/27/98

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	CI (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DA	ATE:	08/28/98	08/31/98	08/28/98	08/28/98	08/28/98	08/28/98
H3824-1	S98827HNP	179	2060	<0.002	<0.002	<0.002	<0.006
H3824-2	S98827HSP	96.4	1694	<0.002	<0.002	<0.002	<0.006
H3824-3	S98827EFP	115	196	<0.002	<0.002	<0.002	<0.006
Quality Contro	)	2810	1209	0.105	0.100	0.101	0.304
True Value QC		3000	1319	0.100	0.100	0.100	0.300
% Recovery	<del></del>	93.7	91.7	105	100	101	103
Relative Perce	ent Difference	12.8	4.4	1.1	1.7	3.1	4.0

METHODS:

TRPHC-SW-846 8015 M;CI-EPA 600/4-79-020 325.3 BTEX-EPA SW-846-8260

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