Harding Lawson Associates

RECEIVED
UTILITY TRAILER MFG. CO

FEB 02 1996

ACTION

January 30, 1996

28739 04.08

Mr. Walter Salas
California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754-2156

Soil Stockpile Resampling Results
Utility Trailer Manufacturing Company
17295 E. Railroad Street
City of Industry, California

Dear Mr. Salas:

This letter outlines the results of the soil sampling activity proposed in Utility Trailer Manufacturing Company's (UTM) January 3, 1996 letter to the Regional Water Quality Control Board - Los Angeles Region (RWQCB). In that letter, UTM and Harding Lawson Associates (HLA) proposed to resample the portions of the stockpile soil that were represented by soil samples SP-2 and SP-10; the only two samples from previous sampling events in which trace chlorinated volatile organic compound (CVOC) concentrations were detected.

On January 8, 1996, four randomly selected soil samples, two from the area representing SP-2 and two from the area representing SP-10, were collected and submitted to Del Mar Analytical (DMA) a state-certified laboratory in Irvine, California, for analysis of CVOCs by EPA Method 8010.

No EPA Method 8010 compounds were detected in the four samples collected. Analytical laboratory reports are attached. These results, along with previous soil stockpile sampling results, indicate that the soil is appropriate for use as onsite backfill. This conclusion is in agreement with the content of the letter sent to UTM on January 12, 1996 by Mr. Eric Nupen of the RWQCB, in which Mr. Nupen stated that the soil was ready for reuse onsite and that no further action was required.

UTM and HLA will proceed with the onsite use of the remediated soil. Please contact either of the undersigned at (714) 260-1800 or Mr. Bob Griffis of UTM at (818) 854-7324 with any questions about our plan for the use of the soil.

Very truly yours,

HARDING LAWSON ASSOCIATES

Kevin J. Trout
Staff Engineer

Kurt H. Wiebe, P.E.
Associate Engineer

KJT/KHW/kjt
P:\KJT\UTM\SOILDISP.LET

Attachments: Analytical Laboratory Reports

CC: Mr. Bob Griffis, UTM

UTM 005495

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

Harding Lawson Associates
30 Corporate Park, Suite 400
Irvine, CA 92714
Attention: Kevin Trout

Client Project ID: 28739-06-04
UTM.Industry
Sample Descript: Soil, Sample #1
Lab Number: FA00659

Sampled: Jan 8, 1996
Received: Jan 8, 1996
Extracted: Jan 17, 1996
Analyzed: Jan 17, 1996
Reported: Jan 18, 1996

HALOGENATED VOLATILE ORGANICS by GC (EPA 5030/8010)

Analyte	Detection Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube
Laboratory Director

Surrogate Standard Recovery:	
1-Chloro-3-fluorobenzene	99%

UTM 005496

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

Harding Lawson Associates	Client Project ID: 28739-06-04	Sampled:	Jan 8, 1996
30 Corporate Park, Suite 400	UTM.Industry	Received:	Jan 8, 1996
Irvine, CA 92714	Sample Descript: Soil, Sample #2	Extracted:	Jan 17, 1996
Attention: Kevin Trout	Lab Number: FA00660	Analyzed:	Jan 17, 1996
		Reported:	Jan 18, 1996

HALOGENATED VOLATILE ORGANICS by GC (EPA 5030/8010)

Analyte	Detection Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube
Laboratory Director

Surrogate Standard Recovery:	
1-Chloro-3-fluorobenzene	105%

UTM 005497

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
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2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

Harding Lawson Associates
30 Corporate Park, Suite 400
Irvine, CA 92714
Attention: Kevin Trout

Client Project ID: 28739-06-04
UTM.Industry
Sample Descript: Soil, Sample #3
Lab Number: FA00661

Sampled: Jan 8, 1996
Received: Jan 8, 1996
Extracted: Jan 17, 1996
Analyzed: Jan 17, 1996
Reported: Jan 18, 1996

HALOGENATED VOLATILE ORGANICS by GC (EPA 5030/8010)

Analyte	Detection Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube
Laboratory Director

Surrogate Standard Recovery:	
1-Chloro-3-fluorobenzene	102%

UTM 005498

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Del Mar Analytical

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

Harding Lawson Associates
30 Corporate Park, Suite 400
Irvine, CA 92714
Attention: Kevin Trout

Client Project ID: 28739-06-04
UTM.Industry
Sample Descript: Soil, Sample #4
Lab Number: FA00662

Sampled: Jan 8, 1996
Received: Jan 8, 1996
Extracted: Jan 17, 1996
Analyzed: Jan 17, 1996
Reported: Jan 18, 1996

HALOGENATED VOLATILE ORGANICS by GC (EPA 5030/8010)

Analyte	Detection Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube
Laboratory Director

Surrogate Standard Recovery:	
1-Chloro-3-fluorobenzene	97%

UTM 005499

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Harding Lawson Associates
30 Corporate Park, Suite 400
Irvine, CA 92714
Attention: Kevin Trout

Method Blank

Extracted: Jan 17, 1996
Analyzed: Jan 17, 1996
Reported: Jan 18, 1996
Matrix: Soil

HALOGENATED VOLATILE ORGANICS by GC (EPA 5030/8010)

Analyte	Detection Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube
Laboratory Director

Surrogate Standard Recovery:	
1-Chloro-3-fluorobenzene	108%

UTM 005500

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Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1229
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
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LCS DATA REPORT

EPA Method 8010/8020

Matrix: Soil

Date: 01/17/96

Sample #: BLANK

Batch #: FA17101S

Analyte	Spike Conc.	Result	% Recovery	ACP
Benzene	25	25	100	80 - 120 %
Chloroform	25	26	104	80 - 120 %
1,1-Dichloroethane	25	26	104	80 - 120 %
1,2-Dichloroethane	25	28	112	80 - 120 %
1,1-Dichloroethene	25	25	100	80 - 120 %
Tetrachloroethene	25	23	92	80 - 120 %
Toluene	25	27	108	80 - 120 %
Trichloroethene	25	26	104	80 - 120 %

Definition of Terms

LCS ..... Laboratory Control Sample
Spike Conc ..... Result of Sample Analysis
Result ..... Result of Laboratory Control Sample Analysis
%Recovery ..... Percent Recovery of LCS; ((Result - Spike Conc.) / Spike Conc.) X 100
ACP ..... Acceptance Limits for Percent Recovery

Del Mar Analytical

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MS/MSD DATA REPORT

EPA Method 8010/8020

Matrix: Soil

Date: 01/17/96

Sample #: FA00659

Batch #: FA17101S

Analyte	R1 ppb	Sp ppb	MS ppb	MSD ppb	PR1 %	PR2 %	RPD %	Mean PR %	Acceptance Limits RPD	Acceptance Limits Mean PR
Benzene	0	25	25	25	99	101	1.8	100	≤10	82 - 108
Chloroform	0	25	26	26	103	104	0.62	104	≤14	77 - 113
1,1-Dichloroethane	0	25	26	26	103	105	2.6	104	≤13	77 - 113
Dichloroethane	0	25	27	27	109	109	0.57	109	≤12	75 - 115
1,1-Dichloroethene	0	25	24	24	96	97	1.6	96	≤14	79 - 111
Tetrachloroethene	0.84	25	24	25	94	97	3.8	96	≤11	81 - 109
Toluene	1.4	25	26	26	97	97	0.40	97	≤10	79 - 111
Trichloroethene	0	25	25	27	101	106	5.4	103	≤12	76 - 114

Definition of Terms

R1..... Result of Sample Analysis
Sp..... Spike Concentration added to sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1)/SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1)/SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Mean PR..... Mean Percent Recovery
Acceptance Limits..... Determined by in-house Control Charts

HLA
ding Lawson Associates
21 Redhill Avenue, Suite 100
Irvine, California 92680
714/259-7992 — 213/817-7232
Telecopy: 714/259-1378

CHAIN OF CUSTODY FORM

Lab: Del Mar

Job Number: 28739-06.04
Name/Location: UTM / Industry
Project Manager: Kevin Trout

Samplers: JW H
Recorder: [signature] (Signature Required)

SOURCE CODE	MATRIX: Water	Sediment	Soil	Oil	#CONTAINERS & PRESERV.: Unpres.	H_2SO_4	HNO_3	SAMPLE NUMBER OR LAB NUMBER (Yr Wk Seq)	DATE (Yr Mo Dy)	Time	STATION DESCRIPTION/ NOTES	EPA 601/8010	EPA 602/8020	EPA 624/8240	EPA 625/8270	Priority Pllnt. Metals	Benzene/Toluene/Xylene	Total Petrol. Hydrocarb.
48			X		1			Sample #1	160108	1246	Sample #1	X						
48			X		1			Sample #2		1242	" 2	X						
48			X		1			Sample #3		1254	" 3	X						
48			X		1			Sample #4		1300	" 4	X						

LAB NUMBER (Yr Wk Seq)	DEPTH IN FEET	COL MTD CD	QA CODE	MISCELLANEOUS
				Normal Turnaround

CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
1.8.96 1510 [signature]		
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE/TIME
DISPATCHED BY: (Signature) DATE/TIME	RECEIVED FOR LAB BY: (Signature) [signature]	DATE/TIME 1-8/15:10

METHOD OF SHIPMENT hand; intact on ice

Laboratory Copy White | Project Office Copy Yellow | Field or Office Copy Pink

6533