R02740

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 1, 2004

W. A. Craig, Inc.
6940 Tremont Road
Dixon, CA 95620

Re: Enclosed Package

Please find enclosed package. This information should be forwarded to the Fremont Fire Department located at 3300 Capital Ave. Fremont, CA 94537.

Encl.

ea/SH

Robert,
Here's a copy of the letter that came back w/the report.
Christine

W. A. Craig, Inc.

Construction & Engineering

FINAL CLOSURE REPORT FOR UNDERGROUND STORAGE TANK REMOVAL

PROJECT SITE:
MBM Corporation
5675 Sunol Boulevard
Pleasanton, California 94566

PREPARED FOR:
Mr. Al Monceaux
5675 Sunol Boulevard
Pleasanton, California 94566

SUBMITTED TO:
Mr. John Ritger
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, California 94566

PREPARED BY:
W. A. Craig, Inc.
6940 Tremont Road
Dixon, California 95620
A, B, & Haz Lic. No. 455752

Project No. 4224

July 13, 2004

TANK REMOVAL INFORMATION

Date Removed: Thursday, May 13, 2004

Reason for Removal: Three underground tanks were decommissioned and removed because property owner is installing an aboveground tank.

Tank Transporter:
PSC– Industrial Outsourcing, Inc.
395 West Channel Road
Benicia, California 94510

Disposal of Tanks:
ECI – Ecology Control Industries
255 Parr Boulevard
Richmond, California 94801

Disposal of Drums:
Fremouw Environmental Inc.
PO BOX 2875
Vacaville, California 95696

Sample Processing:
Soil and water samples were analyzed by:
McCampbell Analytical Inc.
110 2nd Avenue South #D7
Pacheco, California 94553
State Certification number: 1644

Soil and water samples were analyzed for:
TPH-d by EPA Method 8015C
BTEX by EPA Method 8021B/8015C
Fuel oxygenates and lead scavengers by EPA Method 8260B

Location of the Tanks: Three tanks were removed from 5675 Sunol Boulevard, Pleasanton, California. The tanks were located at the back of the property near a wash rack and building used for mechanical repairs (see **Figure 1**).

Sampling: Sampling was performed by a W.A. Craig, Inc. technician on May 20, 2004. Six soil samples were collected from the sidewalls of the tank excavation (samples TP1 – TP-6). Soil sample locations are shown on **Figure 2**. Three water samples were collected from the tank pit (WS-1 – WS-3). A discrete water sample was obtained from each small pool of water that collected in the depressions left from the USTs. Four four-point composite soil samples were collected from the excavated soil stockpile. Prior to backfilling, groundwater in the tank pit was removed by vacuum and properly disposed of. Additional soil samples were collected beneath the 6,000-gallon tank (PB-1 and PB-2). These two samples did not yield detectable concentrations of TPH-d, BTEX, MtBE, or other fuel additives. Fuel additives, oxygenates, lead scavengers, and BTEX constituents were not detected in soil or water samples collected at the Site. Low levels of diesel range hydrocarbons ($\leq$5.5 mg/L) were detected in all three water samples. Soil sample TP-5 MBM, collected from the northeast corner of the UST excavation, yielded TPH-d at 5.7 mg/Kg. TPH-d was detected at concentrations up to 16 mg/Kg in the excavated soil and peagravel. A copy of the chain-of-custody form and the laboratory analytical report is attached in **Appendix A**.

Sampling Methodology: Soil samples were obtained by driving a clean brass tube (2"Ø x 6" long) into undisturbed native soil. The tube was driven into soil with a rubber mallet. The tube was then sealed with Teflon™ tape and plastic end caps. Water samples W-1 – W-3 were collected directly from the open pit into laboratory supplied 1-liter amber bottles. The stockpile sample was collected using the same methodology as described above. The samples were labeled and placed in an ice chest and preserved with ice for transport to a state certified laboratory. The samples were kept under chain-of-custody control. A copy of the chain-of-custody form and the laboratory analytical report are attached in **Appendix A**.

Tank Cleaning and Disposal: The tanks were inerted with dry ice and triple rinsed. The power washer was grounded and care was taken during the tank cleaning process. Oxygen concentrations and lower explosive limits (LELs) were monitored in the tanks prior to their removal. All readings were below the allowable percentages. The tanks were disposed of at ECI in Richmond. Tank disposal manifests are included in **Appendix B**.

Rinse Water Disposal: The tanks contained approximately 100 gallons of diesel. The diesel was removed and stored in two 55-gallon drums. Rinse water was contained in seven 55-gallon drums. Fremouw Environmental vacuumed out the drums and properly disposed of the diesel and rinse water. The disposal manifest is attached in **Appendix C**.

Pit Closure: The tank pit was backfilled to grade with material excavated from around the tank and clean imported material on approval from the Alameda County Environmental Health Department.

SPECIFIC INFORMATION REGARDING THE TANKS

Tank 1

Capacity: 20,000-gallon

Former contents of the tank: diesel

Construction of the tank: Single-wall steel

Age of the tank: Unknown

Condition of the tank upon removal: The tank was in good condition with no visible holes.

Tank 2

Capacity: 20,000-gallon

Former contents of the tank: diesel

Construction of the tank: Single-wall steel

Age of the tank: Unknown

Condition of the tank upon removal: The tank was in good condition with no visible holes.

Tank 3

Capacity: 6,000-gallon

Former contents of the tank: diesel

Construction of the tank: single-wall fiberglass

Age of the tank: Unknown

Condition of the tank upon removal: The tank was inadvertently damaged during excavation work.

I declare under penalty of perjury that the foregoing information is true and correct.

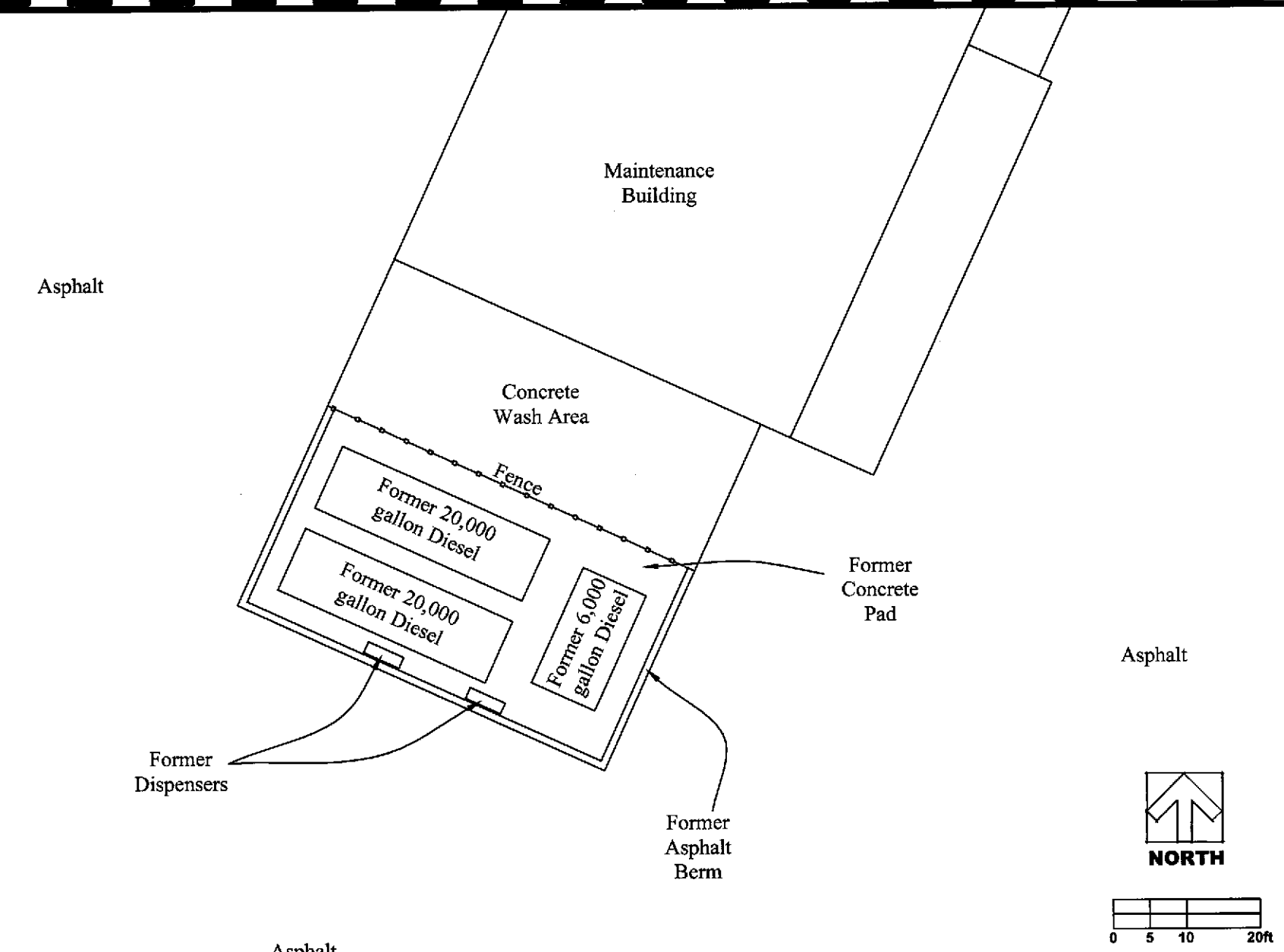
Executed: July 13, 2004

Nature of Business: Environmental Consulting and Contracting

Business Name: W. A. Craig, Inc.
Business Address: 6940 Tremont Road
Dixon, CA 95620-9603

Printed name and title of responsible professional:
Christine C. Truesdale
Project Manager

Signature: Christine C. Truesdale Date: 7/13/04



Note: Locations are approximate.

W.A. Craig, Inc.
6940 Tremont Road Lic. No. 455752
Dixon, California 95620-9603
(707) 693-2929 Fax# (707) 693-2922

Site Layout

MBM
5675 Sunol Boulevard
Pleasanton, California

Project #: 4224	Figure: 1
Date: 7/7/04	
Scale: 1"=20'	

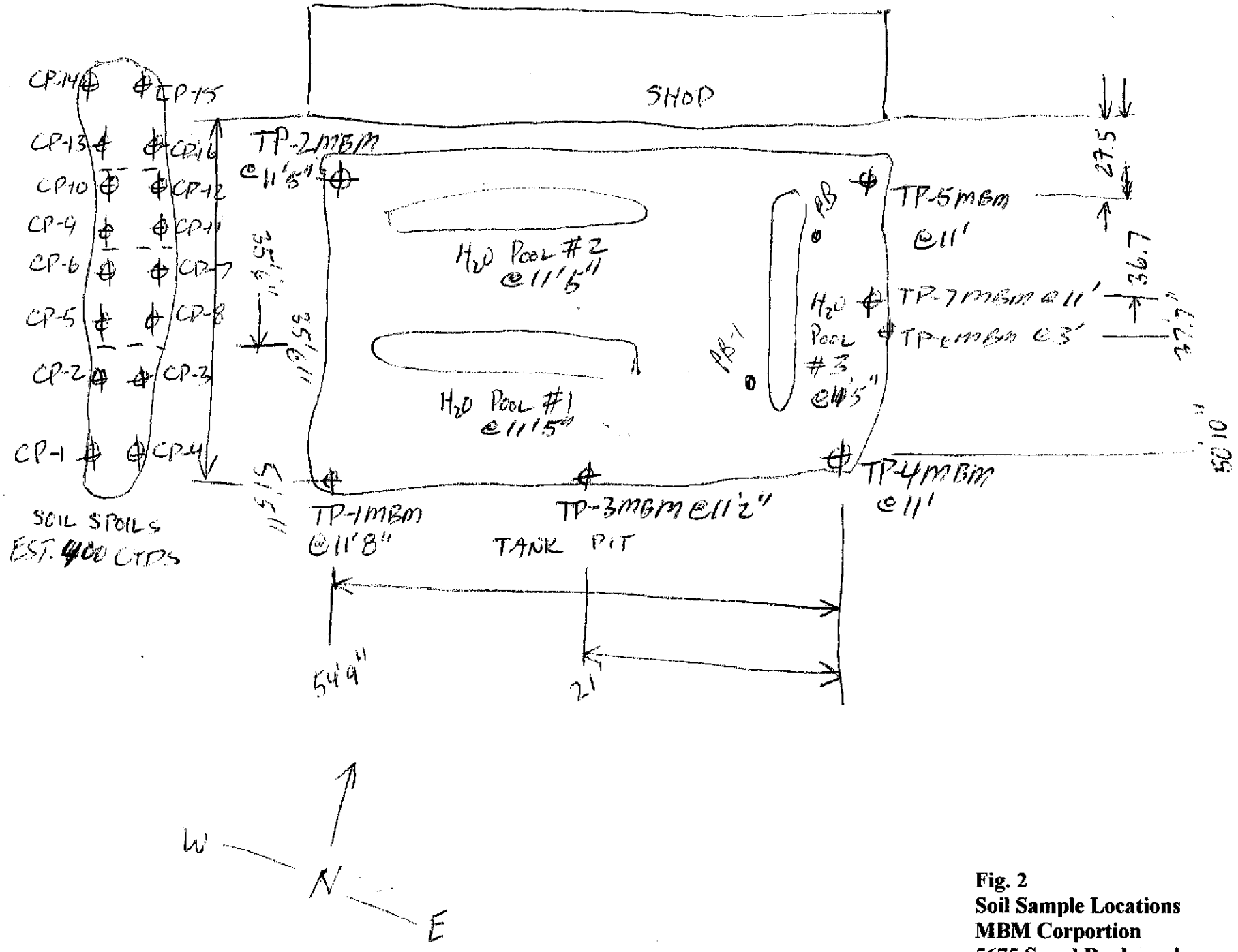


Fig. 2
Soil Sample Locations
MBM Corportion
5675 Sunol Boulevard
Pleasanton, CA

Appendix A

Laboratory Analytical Report

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc. 6940 Tremont Road Dixon, CA 95620-9603	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
		Date Received: 05/21/04
	Client Contact: Tim Cook	Date Reported: 05/28/04
	Client P.O.:	Date Completed: 05/28/04

WorkOrder: 0405353

May 28, 2004

Dear Tim:

Enclosed are:

1). the results of **14** analyzed samples from your **#4225; MBM UST project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
		Date Received: 05/21/04
6940 Tremont Road	Client Contact: Tim Cook	Date Extracted: 05/24/04
Dixon, CA 95620-9603	Client P.O.:	Date Analyzed: 05/24/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0405353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	WS-1 MBM	W	---	---	ND	ND	ND	ND	1	98.7
002A	WS-2 MBM	W	---	---	ND	ND	ND	ND	1	101
003A	WS-3 MBM	W	---	---	ND	ND	ND	ND	1	100

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
6940 Tremont Road		Date Received: 05/21/04
Dixon, CA 95620-9603	Client Contact: Tim Cook	Date Extracted: 05/22/04
	Client P.O.:	Date Analyzed: 05/24/04-05/25/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0405353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
004A	TP-1 MBM	S	---	---	ND	ND	ND	ND	1	101
005A	TP-2 MBM	S	---	---	ND	ND	ND	ND	1	93.2
006A	TP-3 MBM	S	---	---	ND	ND	ND	ND	1	90.3
007A	TP-4 MBM	S	---	---	ND	ND	ND	ND	1	96.0
008A	TP-5 MBM	S	---	---	ND	ND	ND	ND	1	95.8
009A	TP-6 MBM	S	---	---	ND	ND	ND	ND	1	91.0
010A	TP-7 MBM	S	---	---	ND	ND	ND	ND	1	86.5
011A	CP-1-4	S	---	---	ND	ND	ND	ND	1	101
012A	CP-5-8	S	---	---	ND	ND	ND	ND	1	97.6
013A	CP-9-12	S	---	---	ND	ND	ND	ND	1	96.8
014A	CP-13-16	S	---	---	ND	ND	ND	ND	1	88.6

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
		Date Received: 05/21/04
6940 Tremont Road	Client Contact: Tim Cook	Date Extracted: 05/22/04
Dixon, CA 95620-9603	Client P.O.:	Date Analyzed: 05/24/04-05/27/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0405353

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0405353-001C	WS-1 MBM	W	220,a/c	1	99.7
0405353-002C	WS-2 MBM	W	150,a/c	1	100
0405353-003C	WS-3 MBM	W	5500,a	1	103
0405353-004A	TP-1 MBM	S	ND	1	102
0405353-005A	TP-2 MBM	S	ND	1	103
0405353-006A	TP-3 MBM	S	ND	1	88.1
0405353-007A	TP-4 MBM	S	ND	1	90.4
0405353-008A	TP-5 MBM	S	5.7,g,b	1	103
0405353-009A	TP-6 MBM	S	ND	1	86.6
0405353-010A	TP-7 MBM	S	ND	1	84.7
0405353-011A	CP-1-4	S	4.4,a/m	1	101
0405353-012A	CP-5-8	S	7.5,a/c	1	102
0405353-013A	CP-9-12	S	16,a/c	1	103
0405353-014A	CP-13-16	S	7.3,a/c	1	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

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

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
6940 Tremont Road		Date Received: 05/21/04
Dixon, CA 95620-9603	Client Contact: Tim Cook	Date Extracted: 05/25/04
	Client P.O.:	Date Analyzed: 05/25/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0405353

Lab ID	0405353-001B	0405353-002B	0405353-003B	0405353-004A	Reporting Limit for DF =1	
Client ID	WS-1 MBM	WS-2 MBM	WS-3 MBM	TP-1 MBM		
Matrix	W	W	W	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	5.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	5.0	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	0.5
Ethanol	ND	ND	ND	ND	250	50
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	0.5
Methanol	ND	ND	ND	ND	2500	500
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	5.0	0.5
Surrogate Recoveries (%)						
%SS:	101	99.8	101	96.4		
Comments						

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

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W. A. Craig Inc. 6940 Tremont Road Dixon, CA 95620-9603	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
		Date Received: 05/21/04
	Client Contact: Tim Cook	Date Extracted: 05/25/04
	Client P.O.:	Date Analyzed: 05/25/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0405353

Lab ID	0405353-005A	0405353-006A	0405353-007A	0405353-008A	Reporting Limit for DF =1	
Client ID	TP-2 MBM	TP-3 MBM	TP-4 MBM	TP-5 MBM		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	5.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	5.0	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	0.5
Ethanol	ND	ND	ND	ND	250	50
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	0.5
Methanol	ND	ND	ND	ND	2500	500
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	5.0	0.5
Surrogate Recoveries (%)						
%SS:	96.4	96.0	98.3	87.1		
Comments						

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

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W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
		Date Received: 05/21/04
6940 Tremont Road	Client Contact: Tim Cook	Date Extracted: 05/25/04
Dixon, CA 95620-9603	Client P.O.:	Date Analyzed: 05/25/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0405353

Lab ID	0405353-009A	0405353-010A	0405353-011A	0405353-012A	Reporting Limit for DF =1	
Client ID	TP-6 MBM	TP-7 MBM	CP-1-4	CP-5-8		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	5.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	5.0	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	0.5
Ethanol	ND	ND	ND	ND	250	50
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	0.5
Methanol	ND	ND	ND	ND	2500	500
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	5.0	0.5
Surrogate Recoveries (%)						
%SS:	95.8	99.7	98.1	94.8		
Comments						

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

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W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
6940 Tremont Road		Date Received: 05/21/04
Dixon, CA 95620-9603	Client Contact: Tim Cook	Date Extracted: 05/25/04
	Client P.O.:	Date Analyzed: 05/25/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0405353

Lab ID	0405353-013A	0405353-014A	Reporting Limit for DF =1	
Client ID	CP-9-12	CP-13-16		
Matrix	S	S		
DF	1	1	S	W
Compound	**Concentration**		µg/Kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	5.0	0.5
t-Butyl alcohol (TBA)	ND	ND	25	5.0
1,2-Dibromoethane (EDB)	ND	ND	5.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	5.0	0.5
Diisopropyl ether (DIPE)	ND	ND	5.0	0.5
Ethanol	ND	ND	250	50
Ethyl tert-butyl ether (ETBE)	ND	ND	5.0	0.5
Methanol	ND	ND	2500	500
Methyl-t-butyl ether (MTBE)	ND	ND	5.0	0.5
Surrogate Recoveries (%)				
%SS:	101	103		
Comments				

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

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Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0405353

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 11637 Spiked Sample ID: 0405353-007A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex)£	ND	0.60	98.7	106	6.97	102	96	6.50	70	130
MTBE	ND	0.10	95.8	106	10.1	102	102	0	70	130
Benzene	ND	0.10	105	110	4.68	107	105	1.63	70	130
Toluene	ND	0.10	88.8	94.1	5.71	89.2	87.8	1.63	70	130
Ethylbenzene	ND	0.10	106	114	6.67	107	107	0	70	130
Xylenes	ND	0.30	96	107	10.5	96	96	0	70	130
%SS:	96.0	0.10	96.2	96.7	0.518	89.7	90	0.334	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

TL QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W WorkOrder: 0405353

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 11634	Spiked Sample ID: 0405353-002A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) £	ND	60	105	104	1.23	104	103	0.360	70	130
MTBE	ND	10	116	116	0	105	105	0	70	130
Benzene	ND	10	113	113	0	110	108	1.70	70	130
Toluene	ND	10	108	109	0.318	116	101	14.3	70	130
Ethylbenzene	ND	10	114	114	0	114	111	3.01	70	130
Xylenes	ND	30	103	100	3.28	100	100	0	70	130
%SS:	101	10	107	108	0.442	104	104	0	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0405353

EPA Method: SW8015C Extraction: SW3550C BatchID: 11646 Spiked Sample ID: 0405353-007A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	84.9	82	3.57	83.6	85.2	1.94	70	130
%SS:	90.4	50	97.4	95	2.53	97.3	98.5	1.28	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8015C

Matrix: W WorkOrder: 0405353

EPA Method: SW8015C	Extraction: SW3510C	BatchID: 11627	Spiked Sample ID: N/A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	N/A	7500	N/A	N/A	N/A	104	103	1.37	70	130
%SS:	N/A	2500	N/A	N/A	N/A	104	102	1.32	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8260B

Matrix: S WorkOrder: 0405353

EPA Method: SW8260B Extraction: SW5030B BatchID: 11647 Spiked Sample ID: 0405359-003A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	86.5	91.6	5.76	106	106	0	70	130
t-Butyl alcohol (TBA)	ND	250	85.7	95.5	10.8	96.4	99	2.70	70	130
1,2-Dibromoethane (EDB)	ND	50	98.8	111	11.5	113	112	0.807	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	114	122	7.36	101	103	1.78	70	130
Diisopropyl ether (DIPE)	ND	50	117	121	3.65	121	120	0.507	70	130
Ethanol	ND	2500	98.9	97.5	1.47	100	107	6.86	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	99.2	106	7.00	119	118	0.320	70	130
Methanol	ND	12500	80.8	78.9	2.39	101	102	0.945	70	130
Methyl-t-butyl ether (MTBE)	ND	50	94	102	8.55	107	113	5.50	70	130
%SS1:	97.0	50	96.3	96.2	0.140	102	102	0	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8260B

Matrix: S WorkOrder: 0405353

EPA Method: SW8260B Extraction: SW5030B BatchID: 11632 Spiked Sample ID: 0405065-036A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	90.7	83	8.89	90.2	86.2	4.45	70	130
t-Butyl alcohol (TBA)	ND	250	90.9	95.7	5.13	96.7	82.3	16.1	70	130
1,2-Dibromoethane (EDB)	ND	50	106	102	4.21	106	97	8.61	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	118	109	7.39	109	97.4	11.4	70	130
Diisopropyl ether (DIPE)	ND	50	116	110	5.10	117	110	6.81	70	130
Ethanol	ND	2500	98.9	97.7	1.18	105	98.2	6.86	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	102	95.8	6.14	105	94.8	9.81	70	130
Methanol	ND	12500	89.1	77.7	13.6	100	92.6	8.16	70	130
Methyl-t-butyl ether (MTBE)	ND	50	98.4	92	6.76	97.9	87.5	11.3	70	130
%SS1:	105	50	99.4	95.6	3.83	98.6	93	5.77	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8260B

Matrix: W WorkOrder: 0405353

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 11630	Spiked Sample ID: 0405353-002B

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	10	93.6	100	7.00	95.9	88.6	7.89	70	130
t-Butyl alcohol (TBA)	ND	50	94.8	113	17.8	111	94.4	15.9	70	130
1,2-Dibromoethane (EDB)	ND	10	111	115	3.90	114	105	7.75	70	130
1,2-Dichloroethane (1,2-DCA)	ND	10	119	122	2.28	119	112	6.37	70	130
Diisopropyl ether (DIPE)	ND	10	117	123	5.44	113	107	5.67	70	130
Ethanol	ND	500	106	96.1	9.51	102	101	1.23	70	130
Ethyl tert-butyl ether (ETBE)	ND	10	105	111	5.79	106	97.7	7.89	70	130
Methanol	ND	2500	95.6	94.2	1.45	100	100	0	70	130
Methyl-t-butyl ether (MTBE)	ND	10	102	111	8.11	106	95.8	10.1	70	130
%SS1:	99.8	10	102	106	4.67	105	101	4.12	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

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Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS Certification No. 1644

QA/QC Officer

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(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0405353 **ClientID: WACD**

Report to:
Tim Cook
W. A. Craig Inc.
6940 Tremont Road
Dixon, CA 95620-9603
TEL: (707) 310-1741
FAX: (707) 693-2922
ProjectNo: #4225; MBM UST
PO:

Bill to:
Christine
W. A. Craig Inc.
6940 Tremont Road
Dixon, CA 95620-9603

Requested TAT: 5 days
Date Received: 5/21/04
Date Printed: 5/22/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0405353-001	WS-1 MBM	Water	5/20/04 2:10:00 PM	☐		B		A		C									
0405353-002	WS-2 MBM	Water	5/20/04 2:15:00 PM	☐		B		A		C									
0405353-003	WS-3 MBM	Water	5/20/04 2:35:00 PM	☐		B		A		C									
0405353-004	TP-1 MBM	Soil	5/20/04 2:55:00 PM	☐	A		A		A										
0405353-005	TP-2 MBM	Soil	5/20/04 3:15:00 PM	☐	A		A		A										
0405353-006	TP-3 MBM	Soil	5/20/04 3:17:00 PM	☐	A		A		A										
0405353-007	TP-4 MBM	Soil	5/20/04 3:20:00 PM	☐	A		A		A										
0405353-008	TP-5 MBM	Soil	5/20/04 3:45:00 PM	☐	A		A		A										
0405353-009	TP-6 MBM	Soil	5/20/04 4:00:00 PM	☐	A		A		A										
0405353-010	TP-7 MBM	Soil	5/20/04 4:05:00 PM	☐	A		A		A										
0405353-011	CP-1-4	Soil	5/20/04	☐	A		A		A										
0405353-012	CP-5-8	Soil	5/20/04	☐	A		A		A										
0405353-013	CP-9-12	Soil	5/20/04	☐	A		A		A										
0405353-014	CP-13-16	Soil	5/20/04	☐	A		A		A										

Test Legend:

1	9-OXYS_S	2	9-OXYS_W	3	G-MBTEX_S	4	G-MBTEX_W	5	TPH(D)_S
6	TPH(D)_W	7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Ward

0405353

McCAMPBELL ANALYTICAL INC.
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CHAIN OF CUSTODY RECORD

Turn Around Time: RUSH 24 HR 48 HR 72 HR **(5 DAY)**

EDF Required: Yes No

Report To: PLEASANTON/LIVERMORE RD. Bill To: W. A. Craig, Inc.

Company: W.A. Craig, Inc.

Address: 6940 Tremont Rd., Dixon, CA 95620

E-Mail: tech@wacraig.com

Tel: (707) 693-2929 Fax: (707) 693-2922

Project #: 4225 Proj. Name: MBM UST

Project Location: 5675 SUNOL BLVD, PLEASANTON, CA

Sampler Signature: [signature]

	SAMPLE ID	DEPTH	DATE	TIME	# Containers	Type Containers	MATRIX: Water	Soil			METHOD PRESERVED: Ice	HCl	HNO_3	H_2SO_4	BTEX+MtBE & TPH-g (8021B & 8015M)	TPH as Diesel (8015M)	Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	Halogenated VOCs (EPA 601 / 8010)	BTEX only (EPA 602 / 8021B)	Fuel Additives/Oxygenates (EPA 8260)	VOCs (EPA 8260)	SVOCs (EPA 625/8270)	Pesticides (EPA 608/8081)	PCBs only (EPA 608/8080)	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	MTBE & OTHER OXYGENATES 8260	EDB + EDC 8260		Comments
+	WS-1MBM	11'	5.20.04	2:10		JAR	X									X				X									X	X		
+	WS-2MBM	11'		2:15		JAR	X									X				X									X	X		
+	WS-3MBM	10'5"		2:35		JAR	X									X				X									X	X		
	TP-1MBM	11'8"		2:55		SLEEVE		X								X				X									X	X		
	TP-2MBM	11'5"		3:05		SLEEVE		X								X				X									X	X		
	TP-3MBM	11'2"		3:07		SLEEVE		X								X				X									X	X		
	TP-4MBM	11'		3:20		SLEEVE		X								X				X									X	X		
	TP-5MBM	11'		3:45		SLEEVE		X								X				X									X	X		
	TP-6MBM	5'		4:00		SLEEVE		X								X				X									X	X		
	TP-7MBM	11'		4:05		SLEEVE		X								X				X									X	X		
	CP-1, CP-2, CP-3, CP-4					SLEEVE		X								X				X									X	X		COMPOSITE
	CP-5, CP-6, CP-7, CP-8							X								X				X									X	X		COMPOSITE
	CP-9, CP-10, CP-11, CP-12							X								X				X									X	X		COMPOSITE
	CP-13, CP-14, CP-15, CP-16							X								X				X									X	X		COMPOSITE

Relinquished By:	Date:	Time:	Received By:
[signature]	5/21	9:10pm	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ✓ PRESERVATION ✓ VOAS / O&G METALS OTHER

GOOD CONDITION ✓

HEAD SPACE ABSENT ✓ APPROPRIATE CONTAINERS NO

DECHLORINATED IN LAB ____ PERSERVED IN LAB ____

McCampbell Analytical, Inc.

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W. A. Craig Inc.	Client Project ID: #4224; MBM	Date Sampled: 06/03/04
6940 Tremont Road		Date Received: 06/04/04
Dixon, CA 95620-9603	Client Contact: Christine Truesdale	Date Extracted: 06/04/04
	Client P.O.:	Date Analyzed: 06/05/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0406075

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	PB-1	S	ND	ND	ND	ND	ND	ND	1	87.9
002A	PB-2	S	ND	ND	ND	ND	ND	ND	1	87.1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

for Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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W. A. Craig Inc.	Client Project ID: #4224; MBM	Date Sampled: 06/03/04
6940 Tremont Road		Date Received: 06/04/04
Dixon, CA 95620-9603	Client Contact: Christine Truesdale	Date Extracted: 06/04/04
	Client P.O.:	Date Analyzed: 06/08/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0406075

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0406075-001A	PB-1	S	ND	1	107
0406075-002A	PB-2	S	ND	1	117

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

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

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4224; MBM	Date Sampled: 06/03/04
6940 Tremont Road		Date Received: 06/04/04
Dixon, CA 95620-9603	Client Contact: Christine Truesdale	Date Extracted: 06/04/04
	Client P.O.:	Date Analyzed: 06/09/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0406075

Lab ID	0406075-001A	0406075-002A			Reporting Limit for DF =1	
Client ID	PB-1	PB-2				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND			5.0	NA
t-Butyl alcohol (TBA)	ND	ND			25	NA
1,2-Dibromoethane (EDB)	ND	ND			5.0	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND			5.0	NA
Diisopropyl ether (DIPE)	ND	ND			5.0	NA
Ethanol	ND	ND			250	NA
Ethyl tert-butyl ether (ETBE)	ND	ND			5.0	NA
Methanol	ND	ND			2500	NA
Methyl-t-butyl ether (MTBE)	ND	ND			5.0	NA
Surrogate Recoveries (%)						
%SS:	108	109				
Comments						

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

for Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0406075 **ClientID: WACD**

Report to:
Christine Truesdale
W. A. Craig Inc.
6940 Tremont Road
Dixon, CA 95620-9603
TEL: (707) 693-2929
FAX: (707) 693-2922
ProjectNo: #4224; MBM
PO:

Bill to:
Christine
W. A. Craig Inc.
6940 Tremont Road
Dixon, CA 95620-9603

Requested TAT: 5 days
Date Received: 6/4/04
Date Printed: 6/4/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0406075-001	PB-1	Soil	6/3/04 2:00:00 PM	☐	A	A	A												
0406075-002	PB-2	Soil	6/3/04 2:20:00 PM	☐	A	A	A												

Test Legend:

1	9-OXYS_S	2	G-MBTEX_S	3	TPH(D)_S	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCAMBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Christine Bill To:
Company: W. A. Craig
6940 Tremont Road
Dixon, CA 95620-9603
Tele: (707) 693-2929 Fax: (707) 693-2922
Project #: 4224 Project Name: MBM
Project Location: Pleasanton
Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
~~TB~~ PB-1		6-3	14:00	1			X				X			
PB-2		6-3	14:20	1			X				X			

Analysis Request																Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 (8260) 9 Oxys	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI			
X	X				X			X									
X	X							X									

Relinquished By:	Date:	Time:	Received By:
	6/4/04	1400	
Relinquished By:	Date:	Time:	Received By:
	6-4-04	1605	
Relinquished By:	Date:	Time:	Received By:

Remarks:

Appendix B

Tank Disposal Manifests

State of Californ
Form Approved
Please print or

otection Agency
039 (Expires 9-30-99)
ned for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC002185209 — Manifest Document No. 22946 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
MBM TRANSPORTATION
5675 SUNOL BLVD. PLEASANTON, CA 94566

4. Generator's Phone (925) 417. 6200

A. State Manifest Document Number: 23422946

B. State Generator's ID:

5. Transporter 1 Company Name: Ecology Control Industries

6. US EPA ID Number: CAD982030173

C. State Transporter's ID (Reserved):

D. Transporter's Phone: 510-235-1393

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. State Transporter's ID (Reserved):

F. Transporter's Phone:

9. Designated Facility Name and Site Address
Ecology Control Industries
255 PARR BLVD.
RICHMOND , CA 94801

10. US EPA ID Number: CAD009466392

G. State Facility's ID:

H. Facility's Phone: 510-235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
NON RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)	001	TP	29,000	P	State: CA; EPA/Other: NONE
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above: EMPTY STORAGE TANK # 31636
TANKS HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY
ECI JAI = 52T 1207

K. Handling Codes for Wastes Listed Above: a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
Wear proper protective equipment while handling. Weights or volumes are approximate.
24 hour emergency number: SITE ADDRESS:
24 hour emergency contact:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
AL MONCEAUX		05	13	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
OSCAR LEIVA		05	13	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
James Wilcox	James Wilcox	05	13	04

DO NOT WRITE BELOW THIS LINE.

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

DTSC 8022A (1/99)
EPA 8700—22

State of Califor
Form Approve
Please print o

Protection Agency
0039 (Expires 9-30-99)
gned for use on elite (12-pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Contro
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC002185209 — Manifest Document No. 22945 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
MBM TRANSPORTATION
5675 SUNOL BLVD., PLEASANTON, CA. 94560
4. Generator's Phone (925) 417.6200

A. State Manifest Document Number: 23422945
B. State Generator's ID:
C. State Transporter's ID (Reserved)
D. Transporter's Phone: 510-235-1393
E. State Transporter's ID (Reserved)
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: 510-235-1393

5. Transporter 1 Company Name: Ecology Control Industries
6. US EPA ID Number: CAD982030173
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Ecology Control Industries, 255 PARR BLVD., RICHMOND, CA 94801
10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)	001	TP	20000	P	State: CA2 / EPA/Other: NONE
b.					State: / EPA/Other:
c.					State: / EPA/Other:
d.					State: / EPA/Other:

J. Additional Descriptions for Materials Listed Above
1 EMPTY STORAGE TANK # 31637
TANKS HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY
EQL /N = 32T1207

K. Handling Codes for Wastes Listed Above
a. 99
b.
c.
d.

15. Special Handling Instructions and Additional Information
Wear proper protective equipment while handling. Weights or volumes are approximate.
24 hour emergency number: SITE ADDRESS:
24 hour emergency contact:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
AL MONCEAUX		05	13	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
OSCAR LEIVA		05	13	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
James Wilcox	James Wilcox	05	14	04

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

State of Californ
Form Approved
Please print or

Protection Agency
...039 (Expires 9-30-99)
...gned for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC002185209 — Manifest Document No. 22944 — 2. Page 1 of 1 — Information in the shaded areas is not required by federal law.

3. Generator's Name and Mailing Address
MBM TRANSPORTATION
5675 SUNOL BLVD., PLEASANTON, CA 94566

4. Generator's Phone (925) 417. 6200

A. State Manifest Document Number: 23422944

B. State Generator's ID:

5. Transporter 1 Company Name: ~~Ecology Control Industries~~ PSC — 6. US EPA ID Number: CAD982030173

C. State Transporter's ID (Reserved):

D. Transporter's Phone: 510-235-1393

7. Transporter 2 Company Name: PSC — 8. US EPA ID Number: CAR000084145

E. State Transporter's ID (Reserved):

F. Transporter's Phone:

9. Designated Facility Name and Site Address: ~~Ecology Control Industries~~
255 PARR BLVD.
RICHMOND , CA 94801 — 10. US EPA ID Number: CAD009466392

G. State Facility's ID:

H. Facility's Phone: 510-235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste Number
NON RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)	001	TP	06090	P	State: 512 / EPA/Other: NONE
b.					State: / EPA/Other:
c.					State: / EPA/Other:
d.					State: / EPA/Other:

J. Additional Descriptions for Materials Listed Above: EMPTY STORAGE TANK # 3163B
TANKS HAVE BEEN
INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY.
EQ I.D.# = 52T1207

K. Handling Codes for Wastes Listed Above: a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
Wear proper protective equipment while handling. Weights or volumes are approximate.
24 hour emergency number: 925 417 6200 SITE ADDRESS: 5675 SUNOL BLVD PLEASANTON CA
24 hour emergency contact: AL MONCEAUX

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: AL MONCEAUX — Signature: [signature] — Month 05 Day 13 Year 04

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: REGGIE CHRISS — Signature: [signature] — Month 05 Day 13 Year 04

TRANSPORTER — 18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Month Day Year

FACILITY — 19. Discrepancy Indication Space

FACILITY — 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: CHRIS WISE — Signature: [signature] — Month 05 Day 13 Year 04

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

Appendix C

Rinse Water Disposal Manifest

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
CAC002185209	085 2	1 of 1	

3. Generator's Name and Mailing Address: MBM Corp. 5675 Sunol Blvd Pleasanton, CA. 94566
4. Generator's Phone: 925 417-6200
A. State Manifest Document Number: 23808852
B. State Generator's ID:
5. Transporter 1 Company Name: Fremow Environmental Service Inc.
6. US EPA ID Number: CAL000218587
C. State Transporter's ID: 3344
D. Transporter's Phone: (707) 448-3700
7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID:
F. Transporter's Phone:
9. Designated Facility Name and Site Address: Ramos Environmental Service 1515 S. River Road West Sacramento, CA 95691
10. US EPA ID Number: CAD044401356
G. State Facility's ID: CAD044401356
H. Facility's Phone: (916) 371-5747

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA Hazardous waste, Liquid. (oily water) E.R.G #171	001	TT	00450	G	State 223 / EPA/Other None
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a. H4 b. c. d.

15. Special Handling Instructions and Additional Information
Handlers to be trained and use PPE.
Emergency Phone (916) 371-5747

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Ted MARTIN		07	07	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Theodore H. Fremow		07	07	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Armando Martinez Jr		07	08	04

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Green: TRANSPORTER RETAINS