

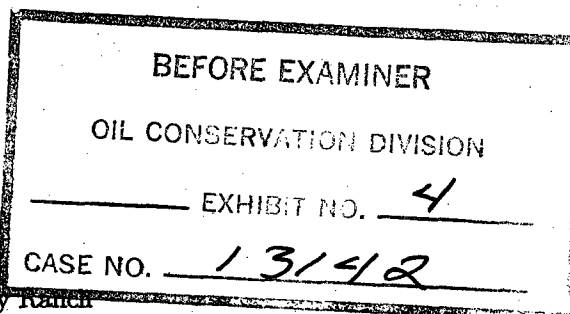
Report Date: June 5, 2002 Order Number: A02051716

N/A

Maralo

Page Number: 1 of 3
Jay Anotheny Ranch

Summary Report

Wayne Price
OCD
1220 S. Saint Francis Dr.
Santa Fe, NM 87505Project Number: N/A
Project Name: Maralo
Project Location: Jay Anotheny Ranch

Report Date: June 5, 2002

Order ID Number: A02051716

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
197262	North Area-2'	Soil	5/16/02	9:29	5/17/02
197263	North Area-4'-6'	Soil	5/16/02	9:49	5/17/02
197264	North Area-6-8'	Soil	5/16/02	10:00	5/17/02
197265	North Area-10-12'	Soil	5/16/02	10:17	5/17/02
197266	North Area-15'-17'	Soil	5/16/02	10:42	5/17/02
197267	North Area-20-22'	Soil	5/16/02	11:25	5/17/02
197268	North Area-25-27'	Soil	5/16/02	12:20	5/17/02
197269	SW Area 5'	Soil	5/16/02	13:38	5/17/02
197270	SW Area 10'	Soil	5/16/02	13:59	5/17/02
197271	SW Area 15'	Soil	5/16/02	14:13	5/17/02
197272	SW Area 20'	Soil	5/16/02	14:53	5/17/02
197273	SW Area 27'-28'	Soil	5/16/02	15:57	5/17/02

0 This report consists of a total of 3 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	BTEX					TPH TRPHC
	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	
197262 - North Area-2'	<0.010	<0.010	<0.010	<0.010	<0.010	9040
197263 - North Area-4'-6'	<0.010	<0.010	<0.010	0.016	0.016	8710
197264 - North Area-6-8'	<0.050	<0.050	<0.050	0.277	0.277	10900
197265 - North Area-10-12'	<0.100	<0.100	0.22	0.583	0.803	12900
197266 - North Area-15'-17'	0.0937	<0.050	0.305	0.96	1.36	14900
197267 - North Area-20-22'	0.0723	<0.050	0.151	0.576	0.799	12700
197268 - North Area-25-27'	<0.100	<0.100	0.274	0.921	1.20	12600
197269 - SW Area 5'	0.111	<0.050	0.402	0.741	1.25	18800
197270 - SW Area 10'	0.179	<0.100	0.38	0.792	1.35	25400
197271 - SW Area 15'	0.12	<0.100	0.432	0.672	1.22	13100
197272 - SW Area 20'	<0.010	<0.010	0.038	0.0155	0.0535	56.8
197273 - SW Area 27'-28'	<0.010	<0.010	<0.010	<0.010	<0.010	143

Continued on next page ...

This is only a summary. Please, refer to the complete report package for quality control data.

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N/A

Maralo

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Jay Anotheny Ranch

Sample 197262 continued ...

Param	Flag	Result	Units
Sample: 197262 - North Area-2'			
Param	Flag	Result	Units
Chloride		2.66	mg/Kg

Sample: 197263 - North Area-4'-6'			
Param	Flag	Result	Units
Chloride		3.12	mg/Kg

Sample: 197264 - North Area-6-8'			
Param	Flag	Result	Units
Chloride		7.56	mg/Kg

Sample: 197265 - North Area-10-12'			
Param	Flag	Result	Units
Chloride		5.87	mg/Kg

Sample: 197266 - North Area-15'-17'			
Param	Flag	Result	Units
Chloride		3.37	mg/Kg

Sample: 197267 - North Area-20-22'			
Param	Flag	Result	Units
Chloride		18.1	mg/Kg

Sample: 197268 - North Area-25-27'			
Param	Flag	Result	Units
Chloride		66.9	mg/Kg

This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: June 5, 2002 Order Number: A02051716
N/A MaraloPage Number: 3 of 3
Jay Anotheny Ranch**Sample: 197269 - SW Area 5'**

Param	Flag	Result	Units
Chloride		54.1	mg/Kg

Sample: 197270 - SW Area 10'

Param	Flag	Result	Units
Chloride		5.83	mg/Kg

Sample: 197271 - SW Area 15'

Param	Flag	Result	Units
Chloride		<10.0	mg/Kg

Sample: 197272 - SW Area 20'

Param	Flag	Result	Units
Chloride		10.2	mg/Kg

Sample: 197273 - SW Area 27'-28'

Param	Flag	Result	Units
Chloride		10.3	mg/Kg

This is only a summary. Please, refer to the complete report package for quality control data.

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Wayne Price
OCD

1220 S. Saint Francis Dr.
Santa Fe, NM 87505

Report Date: June 5, 2002

Order ID Number: A02051716

Project Number: N/A
Project Name: Maralo
Project Location: Jay Anotheny Ranch

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
97262	North Area-2'	Soil	5/16/02	9:29	5/17/02
97263	North Area-4'-6'	Soil	5/16/02	9:49	5/17/02
97264	North Area-6-8'	Soil	5/16/02	10:00	5/17/02
97265	North Area-10-12'	Soil	5/16/02	10:17	5/17/02
97266	North Area-15'-17'	Soil	5/16/02	10:42	5/17/02
97267	North Area-20-22'	Soil	5/16/02	11:25	5/17/02
97268	North Area-25-27'	Soil	5/16/02	12:20	5/17/02
97269	SW Area 5'	Soil	5/16/02	13:38	5/17/02
97270	SW Area 10'	Soil	5/16/02	13:59	5/17/02
97271	SW Area 15'	Soil	5/16/02	14:13	5/17/02
97272	SW Area 20'	Soil	5/16/02	14:53	5/17/02
97273	SW Area 27'-28'	Soil	5/16/02	15:57	5/17/02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed. Note: the RDL is equal to MQL for all organic analytes including TPH.

The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

This report consists of a total of 18 pages and shall not be reproduced except in its entirety including the chain of custody (COC), without written approval of Trace Analysis, Inc.



Dr. Blair Leftwich, Director

Analytical Report

Sample: 197262 - North Area-2'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
m,p,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
FT		0.846	mg/Kg	10	1	84	70 - 130
BFB		0.708	mg/Kg	10	1	70	70 - 130

Sample: 197262 - North Area-2'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		2.66	mg/Kg	2	1

Sample: 197262 - North Area-2'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TPHC		9040	mg/Kg	100	10

Sample: 197263 - North Area-4'-6'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20519 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19591 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
m,p,O-Xylene		0.016	mg/Kg	10	0.001
Total BTEX		0.016	mg/Kg	10	0.001

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Jay Anotheny Ranch

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.897	mg/Kg	10	1	89	70 - 130
4-BFB		0.749	mg/Kg	10	1	74	70 - 130

Sample: 197263 - North Area-4'-6'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		3.12	mg/Kg	2	1

Sample: 197263 - North Area-4'-6'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TRPHC		8710	mg/Kg	100	10

Sample: 197264 - North Area-6-8'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.050	mg/Kg	50	0.001
Toluene		<0.050	mg/Kg	50	0.001
Ethylbenzene		<0.050	mg/Kg	50	0.001
M,P,O-Xylene		0.277	mg/Kg	50	0.001
Total BTEX		0.277	mg/Kg	50	0.001
Test Comments	1	*	mg/Kg	1	

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.747	mg/Kg	50	1	74	70 - 130

Sample: 197264 - North Area-6-8'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		7.56	mg/Kg	5	1

¹ Sample diluted due to hydrocarbons beyond xylene. Sample has a Benzene concentration of 0.0318 which is lower than the RDL but greater than the MDL of 0.01183.

Sample: 197264 - North Area-6-8'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TPHC		10900	mg/Kg	30	10

Sample: 197265 - North Area-10-12'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.100	mg/Kg	100	0.001
Toluene		<0.100	mg/Kg	100	0.001
Ethylbenzene		0.22	mg/Kg	100	0.001
m,p,O-Xylene		0.583	mg/Kg	100	0.001
Total BTEX		0.803	mg/Kg	100	0.001
Test Comments	2	*	mg/Kg	1	

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
FT		0.963	mg/Kg	100	1	96	70 - 130
BFB	3	2.24	mg/Kg	50	1	224	70 - 130

Sample: 197265 - North Area-10-12'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		5.87	mg/Kg	5	1

Sample: 197265 - North Area-10-12'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TPHC		12900	mg/Kg	30	10

Sample: 197266 - North Area-15'-17'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

²Sample diluted due to hydrocarbons beyond xylene. Sample has a Benzene concentration of 0.0202 which is lower than the RDL but higher than the MDL of 0.0237.

³High surrogate recovery due to peak interference.

Report Date: June 5, 2002
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Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0937	mg/Kg	50	0.001
Toluene		<0.050	mg/Kg	50	0.001
Ethylbenzene		0.305	mg/Kg	50	0.001
M,P,O-Xylene		0.96	mg/Kg	50	0.001
Total BTEX		1.36	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.9	mg/Kg	50	1	90	70 - 130
4-BFB	4	3.32	mg/Kg	100	1	332	70 - 130

Sample: 197266 - North Area-15'-17'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		3.37	mg/Kg	2	1

Sample: 197266 - North Area-15'-17'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TRPHC		14900	mg/Kg	30	10

Sample: 197267 - North Area-20-22'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0723	mg/Kg	50	0.001
Toluene		<0.050	mg/Kg	50	0.001
Ethylbenzene		0.151	mg/Kg	50	0.001
M,P,O-Xylene		0.576	mg/Kg	50	0.001
Total BTEX		0.799	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	5	0.506	mg/Kg	50	1	50	70 - 130
4-BFB	6	2.59	mg/Kg	50	1	259	70 - 130

⁴High surrogate recovery due to peak interference.

⁵Low surrogate recovery due to matrix interference. IGV, CCV, CCV show the method to be in control.

⁶High surrogate recovery due to peak interference.

Sample: 197267 - North Area-20-22'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		18.1	mg/Kg	2	1

Sample: 197267 - North Area-20-22'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TPHC		12700	mg/Kg	30	10

Sample: 197268 - North Area-25-27'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.100	mg/Kg	100	0.001
Toluene		<0.100	mg/Kg	100	0.001
Ethylbenzene		0.274	mg/Kg	100	0.001
1,2,4-Trimethylbenzene		0.921	mg/Kg	100	0.001
Total BTEX		1.20	mg/Kg	100	0.001
Test Comments	7	*	mg/Kg	1	

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
FT	8	0.557	mg/Kg	100	1	55	70 - 130
BFB	9	3.19	mg/Kg	50	1	319	70 - 130

Sample: 197268 - North Area-25-27'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		66.9	mg/Kg	5	1

Sample: 197268 - North Area-25-27'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

⁷ Sample diluted due to hydrocarbons beyond xylene. Sample has a Benzene concentration of 0.0801 which is lower than the RDL but greater than the MDL of 0.02366.

⁸ Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

⁹ High surrogate recovery due to peak interference.

Param	Flag	Result	Units	Dilution	RDL
TRPHC		12600	mg/Kg	30	10

Sample: 197269 - SW Area 5'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.111	mg/Kg	50	0.001
Toluene		<0.050	mg/Kg	50	0.001
Ethylbenzene		0.402	mg/Kg	50	0.001
M,P,O-Xylene		0.741	mg/Kg	50	0.001
Total BTEX		1.25	mg/Kg	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	¹⁰	0.381	mg/Kg	50	1	38	70 - 130
4-BFB	¹¹	3.07	mg/Kg	100	1	307	70 - 130

Sample: 197269 - SW Area 5'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		54.1	mg/Kg	50	1

Sample: 197269 - SW Area 5'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20561 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TRPHC		18800	mg/Kg	30	10

Sample: 197270 - SW Area 10'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.179	mg/Kg	100	0.001
Toluene		<0.100	mg/Kg	100	0.001
Ethylbenzene		0.38	mg/Kg	100	0.001
M,P,O-Xylene		0.792	mg/Kg	100	0.001
Total BTEX		1.35	mg/Kg	100	0.001

¹⁰ Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

¹¹ High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
FFT	12	0.463	mg/Kg	100	1	46	70 - 130
L-BFB	13	3.09	mg/Kg	50	1	309	70 - 130

Sample: 197270 - SW Area 10'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		5.83	mg/Kg	5	1

Sample: 197270 - SW Area 10'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20562 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
RPHC		25400	mg/Kg	30	10

Sample: 197271 - SW Area 15'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.12	mg/Kg	100	0.001
Toluene		<0.100	mg/Kg	100	0.001
o-Xylylbenzene		0.432	mg/Kg	100	0.001
m,p,O-Xylene		0.672	mg/Kg	100	0.001
Total BTEX		1.22	mg/Kg	100	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
FFT	14	0.661	mg/Kg	100	1	66	70 - 130
L-BFB	15	2.33	mg/Kg	100	1	233	70 - 130

Sample: 197271 - SW Area 15'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20761 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19790 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		<10.0	mg/Kg	10	1

¹Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

²High surrogate recovery due to peak interference.

³Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

⁴High surrogate recovery due to peak interference.

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Sample: 197271 - SW Area 15'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20562 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TRPHC		13100	mg/Kg	30	10

Sample: 197272 - SW Area 20'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		0.038	mg/Kg	10	0.001
M,P,O-Xylene		0.0155	mg/Kg	10	0.001
Total BTEX		0.0535	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	¹⁶	0.405	mg/Kg	10	1	40	70 - 130
4-BFB	¹⁷	0.368	mg/Kg	100	1	36	70 - 130

Sample: 197272 - SW Area 20'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20760 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19791 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		10.2	mg/Kg	10	1

Sample: 197272 - SW Area 20'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20562 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
TRPHC		56.8	mg/Kg	1	10

Sample: 197273 - SW Area 27'-28'

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20528 Date Analyzed: 5/17/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19598 Date Prepared: 5/17/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001

Continued ...

¹⁶Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

¹⁷Low surrogate recovery due to matrix interference. ICV, CCV, CCV show the method to be in control.

... Continued Sample: 197273 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
FT	18	0.562	mg/Kg	10	1	56	70 - 130
-BFB	19	0.477	mg/Kg	10	1	47	70 - 130

Sample: 197273 - SW Area 27'-28'

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC20760 Date Analyzed: 6/5/02
Analyst: JSW Preparation Method: N/A Prep Batch: PB19791 Date Prepared: 6/4/02

Param	Flag	Result	Units	Dilution	RDL
Chloride		10.3	mg/Kg	10	1

Sample: 197273 - SW Area 27'-28'

Analysis: TPH Analytical Method: E 418.1 QC Batch: QC20562 Date Analyzed: 5/24/02
Analyst: KM Preparation Method: N/A Prep Batch: PB19623 Date Prepared: 5/19/02

Param	Flag	Result	Units	Dilution	RDL
RPHC		143	mg/Kg	1	10

Quality Control Report Method Blank

Method Blank QCBatch: QC20519

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.010	mg/Kg	0.001
Toluene		<0.010	mg/Kg	0.001
Ethylbenzene		<0.010	mg/Kg	0.001
M,P,O-Xylene		<0.010	mg/Kg	0.001
Total BTEX		<0.010	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.923	mg/Kg	10	1	92	70 - 130
4-BFB		0.835	mg/Kg	10	1	83	70 - 130

Method Blank QCBatch: QC20528

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.010	mg/Kg	0.001
Toluene		<0.010	mg/Kg	0.001
Ethylbenzene		<0.010	mg/Kg	0.001
M,P,O-Xylene		<0.010	mg/Kg	0.001
Total BTEX		<0.010	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.948	mg/Kg	10	1	94	70 - 130
4-BFB		0.812	mg/Kg	10	1	81	70 - 130

Method Blank QCBatch: QC20561

Param	Flag	Results	Units	Reporting Limit
TPHC		<25.0	mg/Kg	10

Method Blank QCBatch: QC20562

Param	Flag	Results	Units	Reporting Limit
TPHC		<25.0	mg/Kg	10

Method Blank QCBatch: QC20760

Parameter	Flag	Results	Units	Reporting Limit
Chloride		12.82	mg/Kg	1

Method Blank QCBatch: QC20761

Parameter	Flag	Results	Units	Reporting Limit
Chloride		<12.82	mg/Kg	1

Quality Control Report Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes QCBatch: QC20519

Parameter	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TBE	0.966	0.958	mg/Kg	10	1	<0.010	96	0	70 - 130	20
benzene	0.966	0.966	mg/Kg	10	1	<0.010	96	0	70 - 130	20
luene	0.958	0.957	mg/Kg	10	1	<0.010	95	0	70 - 130	20
thylbenzene	0.932	0.945	mg/Kg	10	1	<0.010	93	1	70 - 130	20
P,O-Xylene	2.91	2.83	mg/Kg	10	3	<0.010	97	2	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Parameter	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
BT	0.924	0.925	mg/Kg	10	1	92	92	70 - 130
BFB	0.889	0.816	mg/Kg	10	1	88	81	70 - 130

Laboratory Control Spikes QCBatch: QC20528

Parameter	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TBE	0.873	0.87	mg/Kg	10	1	<0.010	87	0	70 - 130	20
benzene	0.988	0.975	mg/Kg	10	1	<0.010	98	1	70 - 130	20
luene	0.968	0.906	mg/Kg	120	1	<0.010	96	6	70 - 130	20
thylbenzene	0.96	0.916	mg/Kg	10	1	<0.010	96	4	70 - 130	20
P,O-Xylene	3.02	2.9	mg/Kg	10	3	<0.010	100	4	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Parameter	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
BT	0.903	0.89	mg/Kg	10	1	90	89	70 - 130
BFB	0.882	0.934	mg/Kg	10	1	88	93	70 - 130

Laboratory Control Spikes

QCBatch: QC20561

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TRPHC	268	305	mg/Kg	1	250	<25.0	107	12	74 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20562

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TRPHC	268	305	mg/Kg	1	250	<25.0	107	12	74 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20760

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	²⁰ 24.02	²¹ 23.88	mg/Kg	1	12.50	12.82	192	0	90 - 110	20
Sulfate	²² 25.58	²³ 25.59	mg/Kg	1	12.50	14.34	204	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC20761

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	²⁴ 24.02	²⁵ 23.9	mg/Kg	1	12.50	<12.82	192	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC20519

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Benzene	0.868	0.839	mg/Kg	10	1	<0.010	86	3	70 - 130	20

Continued ...

²⁰The Soil blank should be subtracted from the spikes; giving a %EA of 90

²¹The Soil blank should be subtracted from the spikes; giving a %EA of 90

²²The Soil blank should be subtracted from the spikes; giving a %EA of 90

²³The Soil blank should be subtracted from the spikes; giving a %EA of 90

²⁴The Soil blank should be subtracted from the spikes; giving a %EA of 90

²⁵The Soil blank should be subtracted from the spikes; giving a %EA of 90

... Continued

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Toluene	0.839	0.854	mg/Kg	10	1	<0.010	83	1	70 - 130	20
Ethylbenzene	0.857	0.849	mg/Kg	10	1	<0.010	85	0	70 - 130	20
M,P,O-Xylene	2.74	2.69	mg/Kg	10	3	0.016	90	1	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
FT	0.834	²⁶ 0.549	mg/Kg	10	1	83	54	70 - 130
BFB	²⁷ 0.682	²⁸ 0.475	mg/Kg	10	1	68	47	70 - 130

Matrix Spikes

QCBatch: QC20528

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
benzene	0.938	0.936	mg/Kg	10	1	<0.010	93	0	70 - 130	20
toluene	0.92	0.915	mg/Kg	10	1	<0.010	92	0	70 - 130	20
ethylbenzene	0.908	0.92	mg/Kg	10	1	<0.010	90	1	70 - 130	20
M,P,O-Xylene	2.92	2.76	mg/Kg	10	3	<0.010	97	5	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
FT	0.781	0.88	mg/Kg	10	1	78	88	70 - 130
BFB	0.714	0.725	mg/Kg	10	1	71	72	70 - 130

Matrix Spikes

QCBatch: QC20561

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
RPHC	40200	40500	mg/Kg	1	250	44300	-1640	-7	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC20562

²⁶Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.
²⁷Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.
²⁸Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TRPHC	399	337	mg/Kg	1	250	143	102	27	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC20760

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	30400	30377	mg/Kg	1	12500	19500	87	0	35 - 144	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC20761

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Chloride	589.14	590.11	mg/Kg	1	625	54.1	85	0	35 - 144	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report Continuing Calibration Verification Standards

CCV (1) QCBatch: QC20519

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0979	97	85 - 115	5/17/02
benzene		mg/L	0.10	0.0905	90	85 - 115	5/17/02
toluene		mg/L	0.10	0.0926	92	85 - 115	5/17/02
ethylbenzene		mg/L	0.10	0.0865	86	85 - 115	5/17/02
1,2,4-Trimethylbenzene		mg/L	0.30	0.279	93	85 - 115	5/17/02

ICV (1) QCBatch: QC20519

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0942	94	85 - 115	5/17/02
benzene		mg/L	0.10	0.0965	96	85 - 115	5/17/02
toluene		mg/L	0.10	0.0958	95	85 - 115	5/17/02
ethylbenzene		mg/L	0.10	0.0899	89	85 - 115	5/17/02

Continued ...

... Continued

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
1,4-Dichlorobenzene		mg/L	0.30	0.293	97	85 - 115	5/17/02

CCV (1) QCBatch: QC20528

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
1,4-Dichlorobenzene		mg/L	0.10	0.0925	92	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0939	93	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0936	93	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.091	91	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.30	0.285	95	85 - 115	5/17/02

CCV (2) QCBatch: QC20528

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
1,4-Dichlorobenzene		mg/L	0.10	0.0895	89	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0952	95	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0892	89	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.093	93	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.30	0.293	97	85 - 115	5/17/02

CV (1) QCBatch: QC20528

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
1,4-Dichlorobenzene		mg/L	0.10	0.0871	87	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0929	92	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0965	96	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.10	0.0961	96	85 - 115	5/17/02
1,4-Dichlorobenzene		mg/L	0.30	0.307	102	85 - 115	5/17/02

CV (1) QCBatch: QC20561

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
1,4-Dichlorobenzene		mg/Kg	100	109	109	80 - 120	5/24/02

CCV (2) QCBatch: QC20561

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	107	107	80 - 120	5/24/02

ICV (1) QCBatch: QC20561

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	111	111	80 - 120	5/24/02

CCV (1) QCBatch: QC20562

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	109	109	80 - 120	5/24/02

CCV (2) QCBatch: QC20562

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	107	107	80 - 120	5/24/02

ICV (1) QCBatch: QC20562

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	111	111	80 - 120	5/24/02

CCV (1) QCBatch: QC20760

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
chloride		mg/L	12.50	11.19	89	90 - 110	6/5/02
sulfate		mg/L	12.50	11.25	90	90 - 110	6/5/02

ICV (1) QCBatch: QC20760

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	11.19	89	90 - 110	6/5/02
Sulfate		mg/L	12.50	11.38	91	90 - 110	6/5/02

CCV (1) QCBatch: QC20761

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	11.19	89	90 - 110	6/5/02

ICV (1) QCBatch: QC20761

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.50	11.59	92	90 - 110	6/5/02

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

Trace Analysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB OR FILE ID #: AD0205716

Company Name: **MM OCD** Phone #: **505-476-3487**

Address: (Street, City, Zip) **1220 S SHAW FRUITS DR. SUITE 100 MM 87505** Fax #:

Contact Person: **WAYNE PRICE**

Invoice to: (If different from above)

Project #:

Project Name: **MARKALO**

Project Location: **STAY ANTHONY RANCH - 32.5°N / 103°12'58.09" W**

Sampler Signature: *[Signature]*

LAB #	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		LAB USE ONLY	
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME		
63	NORTH AREA - 2'	1	4oz	X								X			5/16/02	0829	
63	" 4'-6'	1	"	X								X			" 0819		
64	" 6-8'	1	"	X								X			" 1000		
65	" 10-12'	1	"	X								X			" 1017		
66	" 15-17'	1	"	X								X			" 1017		
67	" 20-22'	1	"	X								X			" 1125		
68	" 25-27'	1	"	X								X			" 1220		
													</				

Relinquished by: **MM** Date: **5/16/02** Time: **5:20 PM**
Received by: **Wayne Price** Date: **5/16/02** Time: **5:20 PM**

Relinquished by: **Wayne Price** Date: **5/16/02** Time: **5:20 PM**
Received by: **Wayne Price** Date: **5/16/02** Time: **5:20 PM**

LAB USE ONLY

REMARKS:

6/16/02

☐ Check if Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

Carrier # **BND 902 878 0354**

General Terms and Conditions

Article 1: General

1.1 The words "we", "us", and "our" refer to TraceAnalysis. You will deliver samples to us for analysis, accompanied, or preceded by, a signed Chain of Custody/Analysis Request defining the scope and timing of work and stating either the testing criteria you require or identifying the agency to which the results will be submitted.

Article 2: Our General Responsibilities

2.1 We agree to provide the professional services described in this agreement. We will provide you with written reports containing analytical results. In performing our service, we will use that degree of care and ordinarily exercised under similar circumstances by reputable members of our profession practicing in the same locality.

2.2 Test and observations will be conducted using test procedures and laboratory protocols as specified in accepted Chain of Custody/Analysis Request. If you direct a manner of making tests that varies from standard or recommended procedures, you agree to hold us harmless from all claims, damages, and expenses arising out of your direction.

2.3 We will not release information regarding our services for you or any information that we receive from you, except for information that is in the public domain and except as we are required by law.

Article 3: Your General Responsibilities

3.1 On each Chain of Custody/Analysis Request you will designate a representative who has authority to transmit instructions, receive information, and make decisions relative to our work.

3.2 You will respond in a reasonable time to our request for decisions, authorization for changes, additional compensation, or schedule extensions.

3.3 For each Chain of Custody/Analysis Request you will either provide us with the exact methods for analysis of each fraction or you will identify the regulations and agency under which or for which the analysis is to be prepared. If permits, consent orders, work plans, quality assurance plans, or correspondence with regulatory agencies address laboratory requirements, you will provide us with copies of the relevant provisions prior to our initiation of the analyses.

Article 4: Reports and Records

4.1 We will furnish copies of each report to you as specified in the Chain of Custody and Analysis Request. We will retain analytical data for seven years and financial data for three years relating to the services performed following transmittal of our final report.

4.2 If you do not pay for our services as agreed, you agree that we may retain all reports and work not yet delivered to you. You also agree that our work will not be used by you for any purpose unless paid for.

Article 5: Delivery and Acceptance of Samples

5.1 Until we accept delivery of samples by notation on chain of custody documents or otherwise in writing accept the samples, you are responsible for loss of or damage to samples. Until so accepted, we have no responsibility as to samples.

5.2 As to any samples that are suspected of containing hazardous substances or radioactive material, such that would make special handling required, you will specify the suspected or known substances, and kind and type of radioactive activity. This information will be given to us in writing as a part of the Chain of Custody/Analysis Request and will precede or accompany samples suspected of containing hazardous substances.

5.3 Samples accepted by us remain your property while in our custody. We will retain samples for a period of 14 days following the date of submission of our report. We will extend the retention period if you so direct. Following the retention period we will dispose of non-hazardous samples. We may return highly hazardous, acutely toxic, or radioactive samples and samples containers and residues to you. You agree to accept the return of such samples.

5.4 Regardless of a prior acceptance, we may refuse acceptance or revoke acceptance of samples if we determine that the samples present a risk to health, safety, or the environment, or that we are not authorized to accept them. If we revoke acceptance of any sample, you will have it removed from our facilities promptly.

Article 6: Changes to Task Orders

6.1 No persons other than the designated representatives for each Chain of Custody/Analysis Request are authorized to act regarding changes to a Chain of Custody/Analysis Request. We will notify you promptly if we identify any activity that we regard as a change to the terms and conditions of a Chain of Custody/Analysis Request. Our notice will include the date, nature, circumstance, and cause of the activity regarded as a change. We will specify the particular elements of project performance for which we may seek an equitable adjustment.

6.2 You will respond to the notice provided for in paragraph 6.1 promptly. Changes may be made to a Chain of Custody/Analysis Request through issuance of an amendment. The amendment will specify the reason for the change and, as appropriate, include any modified budgets, schedules, scope of work, and other necessary provisions.

6.3 Until agreement is reached concerning the proposed change, we may regard the situation as a suspension directed by you.

Article 7: Compensation

7.1 Our pricing for the work is predicated upon your acceptance of the conditions and allocations of risks and responsibilities described in this agreement. You agree to pay for services as stated in our proposal accepted by you or according to our then current standard pricing documents if there is no other written agreement as to price. An estimate or statement of probable cost is not a firm figure unless stated as such.

7.2 Unless otherwise agreed to elsewhere, you agree to pay invoices within 30 days of receipt unless, within 15 days from receipt of the invoice, you notify us in writing of a particular item that is alleged to be incorrect. You agree to pay the uncontested portions of the invoices within 30 days of receipt. You agree to pay interest on unpaid balances beginning 60 days after receipt of invoice at the rate of 1.5% per month, but not to exceed the maximum rate allowed by law.

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6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:

NMOCOD

Phone #:

505-476-3487

Address:

(Street, City, Zip)
1220 S. SAWT FIELDS SANTA FE NM 87505

Fax #:

87505

Contact Person:

WAYNE PRICE

Invoice to:
(if different from above)

Project #:

Project Name:

Project Location:

SAV AUTO THERY RANCH-

Sampler Signature:

MARLO

LAB #
(LAB USE ONLY)

FIELD CODE

CONTAINERS

Volume/Amount

WATER

SOIL

AIR

SLUDGE

HCl

HNO₃

H₂SO₄

NaOH

ICE

NONE

DATE

TIME

MTBE 8021B/602

BTEX 8021B/602

PH 418 DTX1005

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

TCLP Pesticides

RCI

GC/MS Vol. 8260B/624

GC/MS Semi. Vol. 8270C/625

PCB's 8082/608

Pesticides 8081A/608

BOD, TSS, pH

CHLORIDES

Turn Around Time if different from standard

Hold

ANALYSIS REQUEST

(Circle or Specify Method No.)

147004	SW AREA 5'	1	402	X		X		5/16/02	1338	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Relinquished by: AP Date: 5/16/02 Time: 5:30 PM
Relinquished by: Wayne Price Date: 5/16/02 Time: 5:30 PM
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Carrier # 702 902 8778 0354
Check if Special Reporting Limits Are Needed ☐

Article 1: General

1.1 The words "we", "us", and "our" refer to TraceAnalysis. You will deliver samples to us for analysis, accompanied, or preceded by, a signed Chain of Custody/Analysis Request defining the scope and timing of work and stating either the testing criteria you require or identifying the agency to which the results will be submitted.

Article 2: Our General Responsibilities

2.1 We agree to provide the professional services described in this agreement. We will provide you with written reports containing analytical results. In performing our service, we will use that degree of care as ordinarily exercised under similar circumstances by reputable members of our profession practicing in the same locality.

2.2 Test and observations will be conducted using test procedures and laboratory protocols as specified in accepted Chain of Custody/Analysis Request. If you direct a manner of making tests that varies from standard or recommended procedures, you agree to hold us harmless from all claims, damages, and expenses arising out of your direction.

2.3 We will not release information regarding our services for you or any information that we receive from you, except for information that is in the public domain and except as we are required by law.

Article 3: Your General Responsibilities

3.1 On each Chain of Custody/Analysis Request you will designate a representative who has authority to transmit instructions, receive information, and make decisions relative to our work.

3.2 You will respond in a reasonable time to our request for decisions, authorization for changes, additional compensation, or schedule extensions.

3.3 For each Chain of Custody/Analysis Request you will either provide us with the exact methods for analysis of each fraction or you will identify the regulations and agency under which or for which the analysis to be prepared. If permits, consent orders, work plans, quality assurance plans, or correspondence with regulatory agencies address laboratory requirements, you will provide us with copies of the relevant provisions prior to our initiation of the analyses.

Article 4: Reports and Records

4.1 We will furnish copies of each report to you as specified in the Chain of Custody and Analysis Request. We will retain analytical data for seven years and financial data for three years relating to the services performed following transmittal of our final report.

4.2 If you do not pay for our services as agreed, you agree that we may retain all reports and work not yet delivered to you. You also agree that our work will not be used by you for any purpose unless paid for.

Article 5: Delivery and Acceptance of Samples

5.1 Until we accept delivery of samples by notation on chain of custody documents or otherwise in writing accept the samples, you are responsible for loss of or damage to samples. Until so accepted, we have no responsibility as to samples.

5.2 As to any samples that are suspected of containing hazardous substances or radioactive material, such that would make special handling required, you will specify the suspected or known substances and type of radioactive activity. This information will be given to us in writing as a part of the Chain of Custody/Analysis Request and will precede or accompany samples suspected of containing hazardous substances.

5.3 Samples accepted by us remain your property while in our custody. We will retain samples for a period of 14 days following the date of submission of our report. We will extend the retention period if you so direct. Following the retention period we will dispose of non-hazardous samples. We may return highly hazardous, acutely toxic, or radioactive samples and samples containers and residues to you. You agree to accept them.

5.4 Regardless of a prior acceptance, we may refuse acceptance or revoke acceptance of samples if we determine that the samples present a risk to health, safety, or the environment, or that we are not authorized to accept them. If we revoke acceptance of any sample, you will have it removed from our facilities promptly.

Article 6: Changes to Task Orders

6.1 No persons other than the designated representatives for each Chain of Custody/Analysis Request are authorized to act regarding changes to a Chain of Custody/Analysis Request. We will notify you promptly of any activity that we regard as a change to the terms and conditions of a Chain of Custody/Analysis Request. Our notice will include the date, nature, circumstance, and cause of the activity regarded as a change. We will specify the particular elements of project performance for which we may seek an equitable adjustment.

6.2 You will respond to the notice provided for in paragraph 6.1 promptly. Changes may be made to a Chain of Custody/Analysis Request through issuance of an amendment. The amendment will specify the reasons for the change and, as appropriate, include any modified budgets, schedules, scope of work, and other necessary provisions.

6.3 Until agreement is reached concerning the proposed change, we may regard the situation as a suspension directed by you.

Article 7: Compensation

7.1 Our pricing for the work is predicated upon your acceptance of the conditions and allocations of risks and responsibilities described in this agreement. You agree to pay for services as stated in our proposal accepted by you or according to our then current standard pricing documents if there is no other written agreement as to price. An estimate or statement of probable cost is not a firm figure unless stated as such.

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