



**Touchstone
Developments**
Environmental Management

FACSIMILE COVER SHEET

To: Kenneth Nam Date: 8-1-95

Fax # 842 8252 No. of pages 29

From: Jeff Monroe Phone (707)538-8818 Fax (707)538-8812

Comments:

9-3356 Castro Valley
Sample ID T06 Diesel Gas B T E Y 8010 8270
all samples were ND except the
following attached lab data



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Touchstone Developments P.O. Box 2584 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3358-1, Chevron 9-3356 Sample Descript: P-1 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507B31-12	Sampled: 07/20/95 Received: 07/20/95 Extracted: 07/20/95 Analyzed: 07/20/95 Reported: 07/23/95
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QC Batch Number: GC072095BTEXEXE
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte:	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	0.014
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	99

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

SEQUOIA ANALYTICAL - ELAP #1210

VMT Clark

Vickie Tabor Clark
Project Manager



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Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3356-1, Chevron 9-3356 Sample Descript: P-2 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507B31-13	Sampled: 07/20/95 Received: 07/20/95 Extracted: 07/20/95 Analyzed: 07/21/95 Reported: 07/23/95
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QC Batch Number: GC072065BTEXEXE
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	5.0	29
Benzene	0.025	0.028
Toluene	0.025	0.083
Ethyl Benzene	0.025	0.87
Xylenes (Total)	0.025	0.43
Chromatogram Pattern: Weathered Gas		C6-C12
Surrogate Trifluorobenzene	Control Limits % 70 130	% Recovery 105

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

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[Signature]
Vickie Taylor Clark
Project Manager



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Touchstone Developments P.O. Box 2564 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3358-1, Chevron 9-3358 Sample Descript: P-3 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507B31-14	Sampled: 07/20/95 Received: 07/20/95 Extracted: 07/20/95 Analyzed: 07/20/95 Reported: 07/23/95
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QC Batch Number: GC072096BTEXEXE
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1000	2000
Benzene	5.0	N.D.
Toluene	5.0	N.D.
Ethyl Benzene	5.0	9.5
Xylenes (total)	5.0	80
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogate Trifluorotoluene	Control Limits % 70 130	% Recovery 79

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

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Touchstone Developments
P.O. Box 2554
Santa Rosa, CA 95406
Attention: Jeff Monroe

Client Proj. ID: 3358-1, Chevron 8-3358
Sample Descript: P-4
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9507B60-01

Sampled: 07/20/95
Received: 07/20/95
Extracted: 07/20/95
Analyzed: 07/21/95
Reported: 07/21/95

GC Batch Number: GC072096BTEXEXD
Instrument ID: 2CHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.011
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	101

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

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over by accident to TX-1

Touchstone Developments P.O. Box 2884 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3358-1, Chevron 9-3356 Sample Descript: T-1 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507B31-03	Sampled: 07/20/95 Received: 07/20/95 Extracted: 07/20/95 Analyzed: 07/21/95 Reported: 07/23/95
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GC Batch Number: GC072095BTEXEXE
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	50	230
Benzene	0.25	N.D.
Toluene	0.25	N.D.
Ethyl Benzene	0.25	0.27
Xylenes (Total)	0.25	2.3
Chromatogram Pattern: Weathered Gas		C9-C12
Surrogates	Control Limits %	% Recovery
Trifluorobenzene	70 130	102

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

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*Overak
to TX-2
TX-3*

Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3356-1, Chevron 9-3356 Sample Descript: T-2 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507831-04	Sampled: 07/20/95 Received: 07/20/95 Extracted: 07/20/95 Analyzed: 07/21/95 Reported: 07/23/95
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QD Batch Number: GC072096BTEXEXE
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	200	930
Benzene	1.0	1.1
Toluene	1.0	N.D.
Ethyl Benzene	1.0	3.9
Xylenes (Total)	1.0	30
Chromatogram Pattern: Weathering Gas		C8-C12
Surrogate Trifluorotoluene	Control Limits % 70	% Recovery 96

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

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Vickie Clark

Vickie T. Clark
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over to TX-1

Touchstone Developments P.O. Box 554 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3356-1, Chevron 9-3356 Sample Descript: T-5 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507B31-07	Sampled: 07/20/95 Received: 07/20/95 Extracted: 07/20/95 Analyzed: 07/21/95 Reported: 07/23/95
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QC Batch Number: GC072095BTEXEXE
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	50	240
Benzene	0.25	0.33
Toluene	0.25	1.3
Ethyl Benzene	0.25	0.89
Xylenes (Total)	0.25	7.1
Chromatogram Pattern: Weather Gas		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorobenzene	70 130	99

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

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Vickie T. Clark
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Touchstone Developments
P.O. Box 254
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Attention: Jeff Monroe

Client Proj. ID: 3358-1, Chevron 9-3356
Sample Descript: UO-2
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9507B31-02

Sampled: 07/20/95
Received: 07/20/95
Extracted: 07/20/95
Analyzed: 07/21/95
Reported: 07/23/95

QC Batch Number: GC0720950HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern:	1.0 C14-C24	1.4 Unidentified HC
Surrogates n-Pentacenes (C25)	Control Limits % 50 150	% Recovery 94

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Vickie Tapscott Clark
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Touchstone Developments
P.O. Box 2554
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Client Proj. ID: 3358-1, Chevron 9-3358
Sample Descript: UO-1
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9507831-01

Sampled: 07/20/95
Received: 07/20/95
Extracted: 07/20/95
Analyzed: 07/21/95
Reported: 07/23/95

Attention: Jeff Monroe

QC Batch Number: GC070950HBPEXA
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH and Diesel Chromatogram Pattern	5.0 C14-C24	15 Unidentified HC
Surrogate n-Pentanes (C25)	Control Limits % 50 150	% Recovery 152 Q

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Vickie Tague Clark
Project Manager



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Touchstone Developments P.O. Box 554 Santa Rosa, CA 95405	Client Proj. ID: 3355-1, Chevron 9-3358 Lab Proj. ID: 9507B31	Sampled: 07/20/95 Received: 07/20/95 Analyzed: see below Reported: 07/23/95
Attention: Jeff Monroe		

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9507B31-01 Sample Desc: SOLID,UC-1				
TRPH (SM 6820 E&F Mod.)	mg/Kg	07/21/95	50	N.D.
Lab No: 9507B31-02 Sample Desc: SOLID,UC-2				
TRPH (SM 6820 E&F Mod.)	mg/Kg	07/21/95	50	99

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

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MITCHELL



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Touchstone Developments
P.O. Box 256
Santa Rosa, CA 95405
Attention: Jeff Monroe

Client Proj. ID: 3358-1, Chevron 9-3356
Sample Descript: Sump
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9507B60-02

Sampled: 07/20/95
Received: 07/20/95
Extracted: 07/21/95
Analyzed: 07/21/95
Reported: 07/21/95

GC Batch Number: GC0721950HBPEXA
Instrument ID: CHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern:	2.0 C9 - C24	31 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 143

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Vickie Taggart Clark

Vickie Taggart Clark
Project Manager



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Touchstone Developments P.O. Box 8551 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3356-2, Chevron 9-3356 Sample Descript: TX-2 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507D84-02	Sampled: 07/17/97 Received: 07/24/95 Extracted: 07/25/95 Analyzed: 07/25/95 Reported: 07/25/95
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QC Batch Number: GC072595BTXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	5.0	49
Benzene	0.025	N.D.
Toluene	0.025	0.025
Ethyl Benzene	0.025	0.29
Xylenes (Total)	0.025	0.35
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorobenzene	70 130	91

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

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Touchstone Developments
P.O. Box 2554
Santa Rosa, CA 95405

Attention: Jeff Monroe

Client Proj. ID: 3356-2, Chevron 9-3356
Sample Descript: XUO-2
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9507D85-02

Sampled: 07/24/95
Received: 07/24/95
Extracted: 07/26/95
Analyzed: 07/27/95
Reported: 07/27/95

QC Batch Number: GC0724950HBPEXA
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH and Diesel Chromatogram Pattern:	1.0 C9-C24	1.3 Unidentified HC
Surrogate n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 105

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager



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Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3366-2, Chevron 9-3356 Sample Descript: X-SUMP Matrix: SOLID Analysis Method: EPA 8015 Mod Lab Number: 850/D85-03	Sampled: 07/24/95 Received: 07/24/95 Extracted: 07/26/95 Analyzed: 07/27/95 Reported: 07/27/95
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QC Batch Number: GCU724950HBPEXA
Instrument ID: GCHP1A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH and Diesel Chromatogram Pattern:	1.0 C9-C24	18 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 142

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vickie T. Clark

Vickie T. Clark
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JUL 27 '95 10:39 SEQUOIA ANALYTICAL

P. 3



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Touchstone Developments P.O. Box 2654 Santa Rosa, CA 95405	Client Proj. ID: 3356-2, Chevron 9-3356 Sample Descript: PX-2 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507D85-05	Sampled: 07/24/95 Received: 07/24/95 Extracted: 07/25/95 Analyzed: 07/25/95 Reported: 07/27/95
Attention: Jeff Monroe		

QC Batch Number: GC072595BTXEXD
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	0.024
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorobluene	70 130	95

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

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Touchstone Developments
P.O. Box 2554
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Client Proj. ID: 3356-2, Chevron 9-3356
Sample Descript: PX-3
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9507D85-06

Sampled: 07/24/95
Received: 07/24/95
Extracted: 07/25/95
Analyzed: 07/25/95
Reported: 07/27/95

Attention: Jeff Monroe

QC Batch Number: GC07259SBTEXD
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	32
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	0.40
Xylenes (Total)	0.050	1.5
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	110

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

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Touchstone Developments P.O. Box 2384 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3358-2, Chevron 9-3368 Sample Descript: PX-4 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507D85-07	Sampled: 07/24/95 Received: 07/24/95 Extracted: 07/26/95 Analyzed: 07/25/95 Reported: 07/27/95
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QC Batch Number: GC0725958TEXEXD
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	0.0050
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	87

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Taghe Clark
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JUL 27 '95 10:40 SEQUOIA ANALYTICAL

P. 6



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Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3355-2, Chevron 9-3356 Sample Descript: PX-5 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507D85-08	Sampled: 07/24/95 Received: 07/24/95 Extracted: 07/25/95 Analyzed: 07/25/95 Reported: 07/27/95
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QC Batch Number: GC072595BTEXEXD
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	74
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Xylenes (Total)	0.050	N.D.
Chromatogram Pattern: Weathered Gas		C9-C12
Surrogate Trifluorotoluene	Control Limits % 70 130	% Recovery 115

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Taglie Clark
Project Manager

JUL 27 '95 10:41 SEQUOIA ANALYTICAL

P. 7



Sequoia Analytical

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Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405	Client Proj. ID: 3356-2, Chevron 9-3356 Sample Descript: PX-6 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507D85-09	Sampled: 07/24/95 Received: 07/24/95 Extracted: 07/26/95 Analyzed: 07/25/95 Reported: 07/27/95
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QC Batch Number: GC072595BTEXEXD
Instrument ID: GHCP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	10	75
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	0.16
Xylenes (Total)	0.050	0.40
Chromatogram Pattern: Weathered Gas		C7-C12
Surrogates Trifluorotoluene	Control Limits % 70 130	% Recovery 101

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tagge Clark
Vickie Tagge Clark
Project Manager



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Touchstone Developments
P.O. Box 2554
Santa Rosa, CA 95405

Client Proj. ID: 0056-2, Chevron 8-3356
Sample Descript: PX-7
Matrix: SOLID
Analysis Method: 8015Mud/8020
Lab Number: 9507D85-10

Sampled: 07/24/95
Received: 07/24/95
Extracted: 07/25/95
Analyzed: 07/25/95
Reported: 07/27/95

Attention: Jeff Monroe

QC Batch Number: GC072506BTEXEXD
Instrument ID: GCMP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	1.0
Benzene	0.0050	0.038
Toluene	0.0050	0.0095
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	0.044
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorobenzene	70	100
		93

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Clark

Vickie Tague Clark
Project Manager



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Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405 Attention: Jeff Monroe	Client Proj. ID: 3356-2, Chevron 9-3356 Sample Descript: PX-8 Matrix: SOLID Analysis Method: 8016Mod/8020 Lab Number: 9507D85-11	Sampled: 07/24/95 Received: 07/24/95 Extracted: 07/25/95 Analyzed: 07/25/95 Reported: 07/27/95
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QC Batch Number: GC072595BTEXEXD
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	0.0059
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	0.0088
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	79

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager

JUL 27 '95 10:14 SEQUOIA ANALYTICAL

P. 2



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Touchstone Developments P.O. Box 2554 Santa Rosa, CA 95405	Client Proj. ID: 3355-2, Chevron 9-3356 Lab Proj. ID: 9507D85	Sampled: 07/24/95 Received: 07/24/95 Analyzed: see below Reported: 07/27/95
Attention: Jeff Mohroe		

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No.: 9507D85-02 Sample Desc: SOLID XUO-2				
TRPH (SM 5520 E&F Mod.)	mg/Kg	07/26/95	50	N.D.
Lab No.: 9507D85-03 Sample Desc: SOLID X-SUMP				
TRPH (SM 5520 E&F Mod.)	mg/Kg	07/26/95	50	58

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

SEQUOIA ANALYTICAL - ELAP #1210

WAT Clark



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Touchstone Developments 17170 Kesson Ave. Sonoma, CA 95476 Attention: Tim Walker	Client Proj. ID: 3356-2, Chevron 9-3356 Sample Descript: X-SUMPB Matrix: SOLID Analysis Method: EPA 8015 Mod Lab Number: 9507H11-02	Sampled: 07/27/95 Received: 07/27/95 Extracted: 07/28/95 Analyzed: 07/28/95 Reported: 07/31/95
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QC Batch Number: GC0728950HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern:	1.0 C9-C24	1.2 Unidentified HC
Surrogates n-Pentadecane (C25)	Control Limits % 50 150	% Recovery 89

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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For

Vivie Tague Clark
Project Manager

JUL 31 '95 04:47PM SEQUOIA ANALYTICAL

P. 5



Sequoia Analytical

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Touchstone Developments 17170 Keaton Ave. Sonoma, CA 95476	Client Proj. ID: 3358-2, Chevron 9-3356 Sample Descript: X-SUMPC Matrix: SOLID Analysis Method: EPA 8015 Mod Lab Number: 9507H11-03	Sampled: 07/27/95 Received: 07/27/95 Extracted: 07/28/95 Analyzed: 07/28/95 Reported: 07/31/95
Attention: Tim Walker		

QC Batch Number: GC0728850HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern:	1.0 C8-C24	1.1 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 97

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

GC *FR*

Vickie Tague Clark
Project Manager

JUL 31 '95 04:48PM SEQUOIA ANALYTICAL

P. 6



Sequoia Analytical

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Touchstone Developments
17170 Keaton Ave.
Sonoma, CA 95476

Client Proj. ID: 3358-2, Chevron 9-3358
Sample Descript: PX-3B
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 8507H11-04

Sampled: 07/27/95
Received: 07/27/95
Extracted: 07/28/95
Analyzed: 07/28/95
Reported: 07/31/95

Attention: Jim Walker

QC Batch Number: GC072895BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	3.2
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.038
Xylenes (Total)	0.0050	0.0065
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	86

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

SEQUOIA ANALYTICAL - ELAP #1210


Vickie Tague Clark
Project Manager

JUL 31 '95 04:48PM SEQUOIA ANALYTICAL

P. 7



Sequoia Analytical

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FAX (916) 921-0100

Touchstone Developments 17170 Keaton Ave. Sonoma, CA 95478 Attention: Tim Walker	Client Proj. ID: 3358-2, Chevron 8-3356 Sample Descript: PX-5B Matrix: SOLID Analysis Method: 8018Mod/8020 Lab Number: 9807H11-05	Sampled: 07/27/95 Received: 07/27/95 Extracted: 07/28/95 Analyzed: 07/28/95 Reported: 07/31/95
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QC Batch Number: GC072895BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	4.0
Benzene	0.0050	N.D.
Toluene	0.0050	0.010
Ethyl Benzene	0.0050	0.013
Xylenes (Total)	0.0050	0.037
Chromatogram Pattern: Weathered Gas		C7-C12
Surregates	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

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

SEQUOIA ANALYTICAL - ELAP #1210

Tim
Vickie Tegus Clark
Project Manager

JUL 31 '95 04:49PM SEQUOIA ANALYTICAL



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Touchstone Developments 17170 Keaton Ave. Sonoma, CA 95476 Attention: Pam Walker	Client Proj. ID: 3358-2, Chevron 9-3356 Sample Descript: PX-6B Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507H11-08	Sampled: 07/27/95 Received: 07/27/95 Extracted: 07/28/95 Analyzed: 07/28/95 Reported: 07/31/95
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QC Batch Number: GC072895BT EXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	7.3
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.0078
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70	130
		86

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

SEQUOIA ANALYTICAL - ELAP #1210

[Signature]
 Vickie Tague Clark
 Project Manager



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Touchstone Developments 17170 Keaton Ave. Sonoma, CA 95476	Client Proj. ID: 3358-2, Chevron 9-3358 Sample Descript: X-SUMPC Matrix: SOLID Analysis Method: EPA 8015 Mod Lab Number: 9507H11-03	Sampled: 07/27/95 Received: 07/27/95 Extracted: 07/28/95 Analyzed: 07/28/95 Reported: 07/31/95
Attention: Tim Walker		

QC Batch Number: GC0728950HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel Chromatogram Pattern:	1.0 C9-C24	1.1 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 97

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

U For

Vickie Tague Clark
Project Manager



Sequoia Analytical

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Touchstone Developments 17170 Keston Ave. Sonoma, CA 95478 Attention: Tim Walker	Client Proj. ID: 3356-2, Chevron 9-3356 Sample Descript: PX-3B Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9507H11-04	Sampled: 07/27/95 Received: 07/27/95 Extracted: 07/28/95 Analyzed: 07/28/95 Reported: 07/31/95
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QC Batch Number: GC072895BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	3.2
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.038
Xylenes (Total)	0.0050	0.0065
Chromatogram Pattern: Weathered Gas		C8-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	86

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

SEQUOIA ANALYTICAL - ELAP #1210

[Signature]
 Vickie Tague Clark
 Project Manager

JUL 31 '95 04:45PM SEQUOIA ANALYTICAL

P. 7



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Touchstone Developments
17170 Keston Ave.
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Attention: Tim Walker

Client Proj. ID: 3356-2, Chevron 9-3356
Sample Descript: PX-5B
Matrix: SOLID
Analysis Method: 8015Mod/8020
Lab Number: 9507H11-05

Sampled: 07/27/95
Received: 07/27/95
Extracted: 07/28/95
Analyzed: 07/28/95
Reported: 07/31/95

QC Batch Number: GC072895BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas		
Benzene	1.0	4.0
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.010
Xylenes (Total)	0.0050	0.013
Chromatogram Pattern: Weathered Gas	0.0050	0.037
		C7-C12
Surrogates:	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

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

SEQUOIA ANALYTICAL - ELAP #1210

U. FIN
Tackle Tague Clark
Project Manager

Kenneth Karan
~~XXXXXXXXXX~~

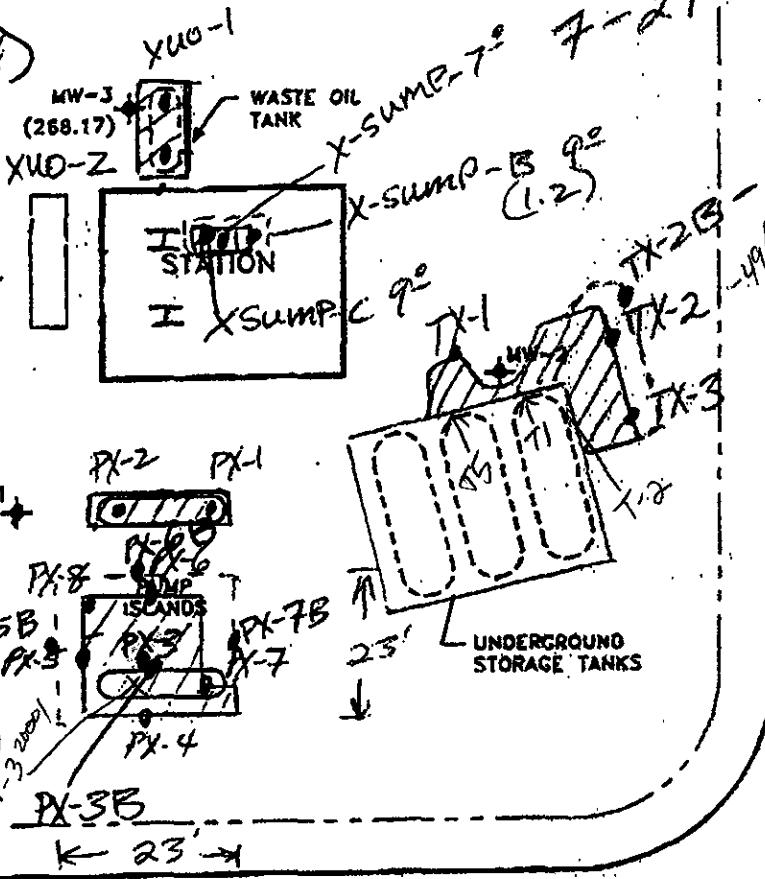
P3221 = 2000

Additional overexcavation on 7-27-95

Sampled 7-24

Sampled 7-27

Sample	Depth (ft)	TAH
XUO-1	11 ⁰	ND
XUO-2	11 ⁵	6.3 (Diesel)
X-SUMP	7 ⁰	5.8 TOG
PX-1	4 ⁵	ND
PX-2	4 ⁵	0.024 Xylene
PX-3	9 ⁰	3.2 Gas
PX-4	4 ⁰	0.005 Xylene
PX-5	4 ⁵	7.4 Gas
PX-6	5 ⁵	7.5 Gas
PX-7	4 ⁵	1 Gas
PX-8	9 ⁰	BTEX
TX-1	9 ⁰	ND
TX-2	9 ⁰	4.9
TX-3	9 ⁰	ND
TX-2B	9 ⁰	ND
X-SUMP-B	9 ⁰	1.2 (Diesel)
X-SUMP-C	9 ⁰	1.1 "
PX-3B	10 ⁰	3.2
PX-5B	6 ⁰	4.0
PX-6B	6 ⁰	7.3
PX-7B	5 ⁵	ND



HEYER STREET
 (ND/ND)

CENTER STREET
 ← 23' →

of hauled ~100-140 yds to Redwood (UOSP-l-a-d & SP-l-a-d)

- () POTENTIOMETRIC SURFACE ELEVATION (FT MSL)
- POTENTIOMETRIC SURFACE CONTOUR
- ← GROUNDWATER FLOW DIRECTION



GROUNDWATER TECHNOLOGY
 4057 PORT CHICAGO HWY.
 CONCORD, CA 94520
 (510) 671-2387

POTENTIOMETRIC SURFACE MAP
 (10/25/93)

CLIENT: CHEVRON U.S.A. PRODUCTS CO. SERVICE STATION No. 9-3356		LOCATION: 19201 CENTER STREET CASTRO VALLEY, CALIFORNIA		REV. NO.: 0	DATE: 11/17/93
DESIGNED: TW	DETAILED: CY	ACAD FILE: PSMN93	PROJECT NO.: 020204115	FIGURE: 1	