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**SOIL AND GROUNDWATER INVESTIGATION
AT&T FACILITY
1612 SOLANO AVENUE
ALBANY, CALIFORNIA**

Prepared for:

AT&T Services, Inc.
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Shaw Project No. 115901.19

July 2006

Table of Contents

List of Tables	ii
List of Figures	ii
List of Appendices	ii
1.0 Introduction.....	1
1.1 Site Description	1
1.2 Site Background	1
2.0 Field Activities.....	2
2.1 Permitting, Health and Safety Plan, and Utility Location	2
2.2 Soil Borings	2
2.3 Laboratory Analysis.....	4
2.4 Soil Sample Analytical Results	4
2.5 Groundwater Sample Analytical Results.....	5
2.6 Waste Disposal	5
3.0 Discussion	5
4.0 Conclusions.....	6
5.0 References.....	7
6.0 Signatures.....	8

List of Tables

Table	Title
1	Summary of Soil Sample Analytical Data
2	Summary of Groundwater Sample Analytical Data

List of Figures

Figure	Title
1	Site Vicinity Map
2	Site Plan
3	Soil Sample Analytical Data – UST Removal – May 14, 2004
4	Soil Sample Analytical Data – Soil Borings – May 15, 2006
5	Groundwater Sample Analytical Data – Soil Borings – May 15, 2006

List of Appendices

Appendix	Title
A	Soil Boring Permit
B	Soil Boring Logs
C	Laboratory Analytical Reports and Chain-of-Custody Documents
D	Non-Hazardous Waste Manifest for Soil Disposal

1.0 Introduction

On behalf of AT&T Services, Inc. (AT&T), Shaw Environmental, Inc. (Shaw) has prepared this report of the soil and groundwater investigation completed at the AT&T facility located at 1612 Solano Avenue in Albany, California (Figure 1). These activities were required by the Alameda County Health Care Services Agency (ACHCSA) to evaluate conditions in the vicinity of a former diesel underground storage tank (UST).

The investigation involved the advancement of direct-push soil borings around the former UST location, and the collection and analysis of soil and groundwater samples. Field activities presented in this report were performed by Shaw on May 15, 2006.

1.1 Site Description

The AT&T property is located in a mixed residential and commercial area of Albany, California. The majority of the property is occupied by a two-story building containing personnel offices and telecommunications equipment, with a small parking lot on the northwest corner of the property (Figure 2).

A 4,000-gallon UST containing diesel fuel for the emergency generator was located to the west of the building. This tank was removed in May 2004, and replaced with a new 5,000-gallon UST. Groundwater flow direction at the site is not known, however is likely directed to the west, towards the San Francisco Bay.

1.2 Site Background

In May 2004, the dual-walled diesel fuel UST was removed from the site. Following removal of the UST, two soil samples were collected from the base of the excavation at depths of 13 feet and 14 feet below surface grade (bsg), two feet into native soils. In addition, a composite sample was collected from the stockpiled soils (Shaw, 2004). Groundwater was not encountered within the excavation.

The samples were analyzed for total petroleum hydrocarbons as diesel (TPH-D) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) constituents. The samples were further analyzed for methyl tertiary butyl ether (MTBE), 1,2-dichloroethane (1,2-DCA), and 1,2-dibromoethane (EDB). Results of the analysis encountered TPH-D in the tank excavation samples at concentrations of 1.4 parts per million (ppm) and 160 ppm, and in the composite

stockpile sample at 1.6 ppm. No other analytes were encountered. Analytical results are depicted in Figure 3 and summarized in Table 1.

With permission from the ACHCSA, the excavation was subsequently backfilled with stockpiled soils. A new 5,000-gallon UST was then installed to the north of the former UST location to supply diesel fuel for the emergency backup generator.

In a letter dated October 21, 2005, the ACHCSA requested that all record fee title owners of the site be identified and submittal of a work plan detailing an investigation of site soils and groundwater. A chain-of-title search was subsequently performed, which indicated that AT&T (formerly SBC and Pacific Bell) has owned the property since 1937 (Shaw, 2005). A work plan was then developed which outlined procedures for the planned site investigation (Shaw, 2006), and subsequently approved by the ACHCSA in a letter dated February 21, 2006. The following sections detailed the results of the investigation.

2.0 Field Activities

2.1 Permitting, Health and Safety Plan, and Utility Location

Prior to performing field activities, a permit for the soil borings was obtained from the Alameda County Public Works Agency (ACPWA). Upon approval, representatives of the ACPWA and ACHCSA were notified of the proposed drilling date. A copy of the permit is included in Appendix A,

A site-specific health and safety plan was developed to outline safety measures to be implemented during field activities. The proposed drilling locations were marked and Underground Service Alert (USA) was contacted and notified of the anticipated locations and date of drilling. In addition, an independent utility locating service was subcontracted to further assist in locating utilities near the anticipated drilling locations.

2.2 Soil Borings

On May 15, 2006, five soil borings, labeled B-1 through B-5, were advanced at selected locations (Figures 4 and 5). The drilling was supervised by a Shaw field geologist and performed by Vironex Environmental Field Services (Vironex) of San Leandro, California using direct push equipment. The borings not located within the backfilled UST excavation were hand-augered until native soils were encountered. Four of the borings (B-1 through B-4) were then cored to

depth using 48-inch-long core samplers lined with clear, lexan sample tubes, with soil cores used for lithologic evaluation and field screening of organic vapors using a photoionization detector (PID). Due to time constraints, boring B-5 was advanced to depth using hydropunch equipment.

Soil boring B-1 was performed to the south of the former UST, in the anticipated cross-gradient direction. Soil boring B-3 was originally planned to be performed upgradient of the UST, however, due to numerous utilities adjacent to the building, the boring was performed within the backfill of the former UST. Soil borings B-2, B-4, and B-5 were performed to the west of the former UST, in the anticipated downgradient direction.

Soil boring B-1 was advanced to a depth of 20 feet bsg, with weathered bedrock encountered at 17 feet and refusal at 20 feet. During boring activities, stained soils with a petroleum hydrocarbon odor were noted from 10 feet to 10.5 feet bsg. No other impacted soils were noted. Soil samples were collected from this boring at depths of 10 feet and 13 feet. Following completion, the boring was allowed to remain open; after approximately 6 hours, no groundwater had infiltrated into the boring.

Soil borings B-2 and B-3 were performed to a depth of 15 feet bsg. A soil sample was collected from boring B-2 at 14 feet bsg, with groundwater initially encountered at 14.5 feet bsg and observed to be rising. After approximately 1.5 hours, groundwater had stabilized at 11.25 feet bsg. A soil sample was collected from boring B-3 at 10 feet bsg, approximately 6 inches below the base of the former UST excavation. Groundwater was encountered in this boring at 10.5 feet bsg. No staining or odors were noted in any of the soil samples collected from these borings.

Soil boring B-4 was performed to 20 feet bsg, with weathered bedrock encountered at 15 feet bsg. No odors or indications of petroleum hydrocarbon impact were noted during boring activities. Soil samples were collected from 10 feet and 14 feet bsg, with groundwater encountered at 19 feet bsg. No odors or staining were noted in any of the soil samples.

Soil samples selected for laboratory analysis were sealed with teflon tape and plastic end caps, appropriately labeled, and placed in an insulated chest with ice pending transport to the laboratory. A copy of the chain-of-custody document is included in Appendix C.

Following completion of the borings, a 1.25-inch temporary PVC well casing was placed into each borehole. A pre-cleaned stainless steel bailer was then used to collect a water sample, if

present, from within each casing. The sample was then transferred into the appropriate laboratory-supplied containers, placed in seam sealing plastic bags and stored in an ice chest with water ice until delivery to the laboratory.

Soil boring B-5 was advanced using hydropunch equipment. The hydropunch was initially advanced to 13 feet, with the outer casing then retracted to expose a screened interval approximately 3 feet in length. The hydropunch was left in place for approximately 2.25 hours, with no groundwater infiltration noted. A new hydropunch was then advanced to 20 feet bsg, and screened to 17 feet bsg. After approximately 2 hours, no groundwater was observed within the hydropunch.

Following completion of drilling and groundwater sampling, the borings were grouted up with a bentonite/cement grout slurry and surface-patched with concrete.

Native soils encountered during boring activities consisted of an organic clay to depths up to 5.5 feet bsg followed by clays and silty clays up to 13 feet bsg. Underlying the clays was a sand with gravel layer followed by sandy silts. Weathered bedrock was encountered at depths of 15 feet to 17 feet bsg to the maximum explored depth of 20 feet bsg. Soil boring logs are included in Appendix B.

2.3 Laboratory Analysis

Six soil samples and three groundwater samples were collected for laboratory analysis and submitted to McCampbell Analytical Inc., an ELAP-certified laboratory located in Pacheco, California. The samples were analyzed for TPH-D under EPA method 8015C and BTEX constituents under EPA method 8260B. The samples were further analyzed for MTBE, EDB, 1,2-DCA, tert-amylmethyl ether (TAME), ethyl tert-butyl ether (ETBE), di-isopropyl ether (DIPE), and tert-butanol (TBA) under EPA method 8260B. Copies of the chain-of-custody documents are included in Appendix C.

2.4 Soil Sample Analytical Results

TPH-D was detected in soil samples B-1-11' and B-3-10' at concentration of 98 ppm and 4.3 ppm, respectively. No other analytes were detected in any of the soil samples. The analytical results are summarized in Table 1, and depicted in Figure 4. A copy of the laboratory analytical report is included in Appendix C.

2.5 Groundwater Sample Analytical Results

TPH-D was detected in groundwater samples B-2-W and B-3-W at concentration of 54 parts per billion (ppb) and 770 ppb, respectively. Ethylbenzene, toluene, and xylenes were detected in sample B-3-W at concentrations of 0.64 ppb, 3.7 ppb, and 2.6 ppb, respectively. Toluene was also detected in sample B-4-W at a concentration of 0.91 ppb. No other analytes were encountered in the groundwater samples. Analytical results are summarized in Table 2, and depicted in Figure 5. A copy of the laboratory analytical report is included in Appendix C.

2.6 Waste Disposal

Soils generated during boring activities were placed into a labeled 55-gallon drum pending off-site disposal. Upon receipt of the analytical results, the drummed soils were transported to Filter Recycling Services in Rialto, California for thermal treatment and recycling. A copy of the non-hazardous waste manifest is included in Appendix D.

3.0 Discussion

Two soil samples collected following the May 2004 UST removal contained TPH-D at concentrations of 1.4 ppm and 160 ppm. No other analytes, including benzene, were detected in the samples. Groundwater was not present in the excavation to the maximum explored depth of 14 feet bsg.

In May 2005, Shaw performed a series of soil borings around the former UST excavation to ascertain if underlying soils and groundwater was impacted. In general, there was no indication of petroleum staining or odors observed in native soils, with the exception of 6-inch layer noted within boring B-1. Analytical results collected from this interval reported TPH-D at 98 ppm, slightly below the San Francisco Regional Water Quality Control Board's (RWQCB) environmental screening level (ESL) of 100 ppm. TPH-D was also encountered in a soil sample from boring B-3, at a concentration of 4.3 ppm. No analytes were detected in the other four soil samples submitted for analysis.

Groundwater was encountered in three of the five borings, at depths ranging from 10.5 feet (boring B-3, performed within the UST excavation) to 19 feet (boring B-4, performed immediately downgradient of the UST excavation). After allowing the remaining two borings (B-1 and B-5) to remain open for a minimum of 2 hours, no groundwater had infiltrated into the borings.

The groundwater data indicates that there is a shallow, spatially limited, perched groundwater zone present within the vicinity of the former UST excavation, with deeper groundwater present at depths of 19 feet bsg or greater. TPH-D was encountered in the sample collected from the shallow perched groundwater located within the footprint of the former UST excavation at a concentration of 770 ppb, which is above the San Francisco RWQCB's ESL of 100 ppb. Analysis of the shallow groundwater sample collected downgradient of the former UST contained TPH-D at a significantly lower concentration of 54 ppb (below the ESL). This data suggests that while there has been some lateral migration of the impacted shallow groundwater, possibly through the underlying discontinuous sand and gravel layer, significant migration has not occurred. In addition, the remaining TPH-D concentrations in the shallow groundwater are relatively low and likely to naturally attenuate.

Analysis of the groundwater sample collected from the deeper groundwater did not contain any petroleum hydrocarbon analytes, with the overlying silts likely acting as a barrier to any downward migration of TPH-impacted groundwater.

Based on field observations and the analytical data, Shaw does not believe the TPH-D concentrations pose a threat to human health or the environment. Residual concentrations of TPH-D are likely to rapidly degrade through natural attenuation. As such, Shaw is requesting that this case be considered "low-risk", with closure granted.

4.0 Conclusions

Based on the field observations and laboratory analytical data presented in this report, Shaw concludes the following:

- Native soils at the site consisted of organic clays to depths up to 5.5 feet bsg followed by clays and silty clays up to 13 feet bsg. Underlying the clays was a discontinuous sand with gravel layer followed by sandy silts, with weathered bedrock encountered at depths of 15 feet to 17 feet bsg.
- Groundwater was encountered in three of the soil borings at depths ranging from 10.5 feet to 19 feet bsg.
- TPH-D was detected in two of the soil samples at concentrations of 4.3 ppm and 98 ppm. No other analytes were detected in any of the soil samples.
- TPH-D was detected in a shallow groundwater sample collected from within the footprint of the former UST at 770 ppb, and in a downgradient shallow

groundwater sample at 54 ppb. Minor toluene, ethylbenzene, and xylenes constituents were also encountered in these samples.

- No petroleum hydrocarbon analytes were detected in the sample collected from the deeper groundwater.
- Impacted groundwater appears to be confined to a spatially-limited perched zone adjacent to the former UST, with primarily only heavier-end diesel-range compounds remaining.
- Natural attenuation of the remaining TPH-D-impacted soil and groundwater will likely occur.
- The case should be considered “low-risk”, with closure granted.

5.0 References

Alameda County Health Care Services Agency (ACHCSA, 2005), *Fuel Leak Case No. RO0002871, SBC, 1612 Solano Avenue, Albany, CA*, October 21, 2005.

Alameda County Health Care Services Agency (ACHCSA, 2006), *Fuel Leak Case No. RO0002871, SBC, 1612 Solano Avenue, Albany, CA – Work Plan Approval*, February 21, 2006.

California Regional Water Quality Control Board – San Francisco Bay (RWQCB, 2005), *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final – February 2005*, February 2005.

Shaw Environmental, Inc. (Shaw, 2004), *Underground Storage Tank Removal and Installation Report, SBC Facility, 1612 Solano Avenue, Albany, California*, July 2004.

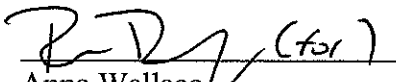
Shaw Environmental, Inc. (Shaw, 2005), *Current Owners Record of Fee Title, SBC Facility, 1612 Solano Avenue, Albany, California, Case ID RO000287*, September 8, 2005.

Shaw Environmental, Inc. (Shaw, 2006), *Letter Work Plan for Proposed Soil and Groundwater Investigation, SBC Facility, 1612 Solano Avenue, Albany, California*, January 26, 2006.

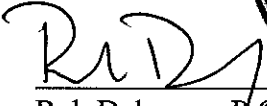
6.0 Signatures

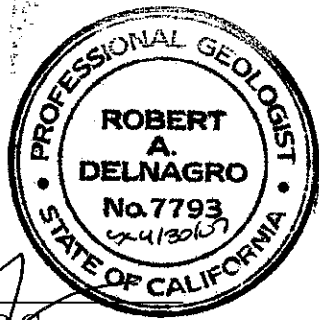
The interpretations and conclusions contained in this report represent our professional opinions. These opinions are based on currently accepted engineering practices at this time and for this specific site. No additional warranty is implied or intended.

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The work described in this report was performed by or under the direct supervision of a State of California Professional Geologist.

TABLES

TABLE 1
Summary of Soil Sample Analytical Data
AT&T Facility
1612 Solano Avenue
Albany, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	1,2-DCA	TAME, ETBE, DIPE, TBA
				(all results reported in parts per million)								
TP-1	tank excavation	14 feet	05/14/04	160	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	NA
TP-2	tank excavation	13 feet	05/14/04	1.4	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	NA
CS-1-4	soil stockpile	---	05/14/04	1.6	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	NA
B-1-11'	soil boring B-1	11 feet	05/15/06	98	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.05}
B-1-13'	soil boring B-1	13 feet	05/15/06	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.05}
B-2-14'	soil boring B-2	14 feet	05/15/06	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.05}
B-3-10'	soil boring B-3	10 feet	05/15/06	4.3	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.05}
B-4-10'	soil boring B-4	10 feet	05/15/06	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.05}
B-4-14'	soil boring B-4	14 feet	05/15/06	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.05}
San Francisco RWQCB ESLs for Deep Soils (>3 Meters BSG), Groundwater is a Current or Potential Source of Drinking Water, Commercial/Industrial Land Use Only				100	0.044	2.9	3.3	2.3	0.023	0.00033*	0.0045*	TBA - 0.073

TABLE 1
Summary of Soil Sample Analytical Results
AT&T Facility
1612 Solano Avenue
Albany, California

Notes:

bsg - below surface grade

TPH-D - total petroleum hydrocarbons as diesel

MTBE - methyl tertiary butyl ether

EDB - 1,2-dibromoethane

1,2-DCA - 1,2-dichloroethane

TAME - tert-amylmethyl ether

ETBE - ethyl tert-butyl ether

DIPE - di-isopropyl ether

TBA - tert-butanol

ND_x - not detected above "x" laboratory detection limits

NA - not analyzed

* - ESL is higher than reported detection limit

San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)

from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*

Volume 1: Summary Tier 1 Lookup Tables, Interim Final - February 2005

TPH-D ESL compared to TPH (middle distillate) value

TABLE 2
Summary of Groundwater Sample Analytical Data
AT&T Facility
1612 Solano Avenue
Albany, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	1,2-DCA	TAME, ETBE, DIPE, TBA
				(all results reported in parts per billion)								
B-2-W	soil boring B-2	11.25 feet	05/15/06	54	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5-5.0}
B-3-W	soil boring B-3	10.5 feet	05/15/06	770	ND _{0.5}	3.7	0.64	2.6	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5-5.0}
B-4-W	soil boring B-4	19 feet	05/15/06	ND ₅₀	ND _{0.5}	0.91	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5}	ND _{0.5-5.0}
San Francisco RWQCB ESLs for Deep Soils (>3 Meters BSG), Groundwater is a Current or Potential Source of Drinking Water, Commercial/Industrial Land Use Only				100	1.0	40	30	20	5.0	0.05*	0.5	TBA - 12

Notes:

bsg - below surface grade

TPH-D - total petroleum hydrocarbons as diesel

MTBE - methyl tertiary butyl ether

EDB - 1,2-dibromoethane

1,2-DCA - 1,2-dichloroethane

TAME - tert-amylmethyl ether

ETBE - ethyl tert-butyl ether

DIPE - di-isopropyl ether

TBA - tert-butanol

ND_x - not detected above "x" laboratory detection limits

NA - not analyzed

* - ESL is higher than reported detection limit

San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)

from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*

Volume 1: Summary Tier 1 Lookup Tables, Interim Final - February 2005

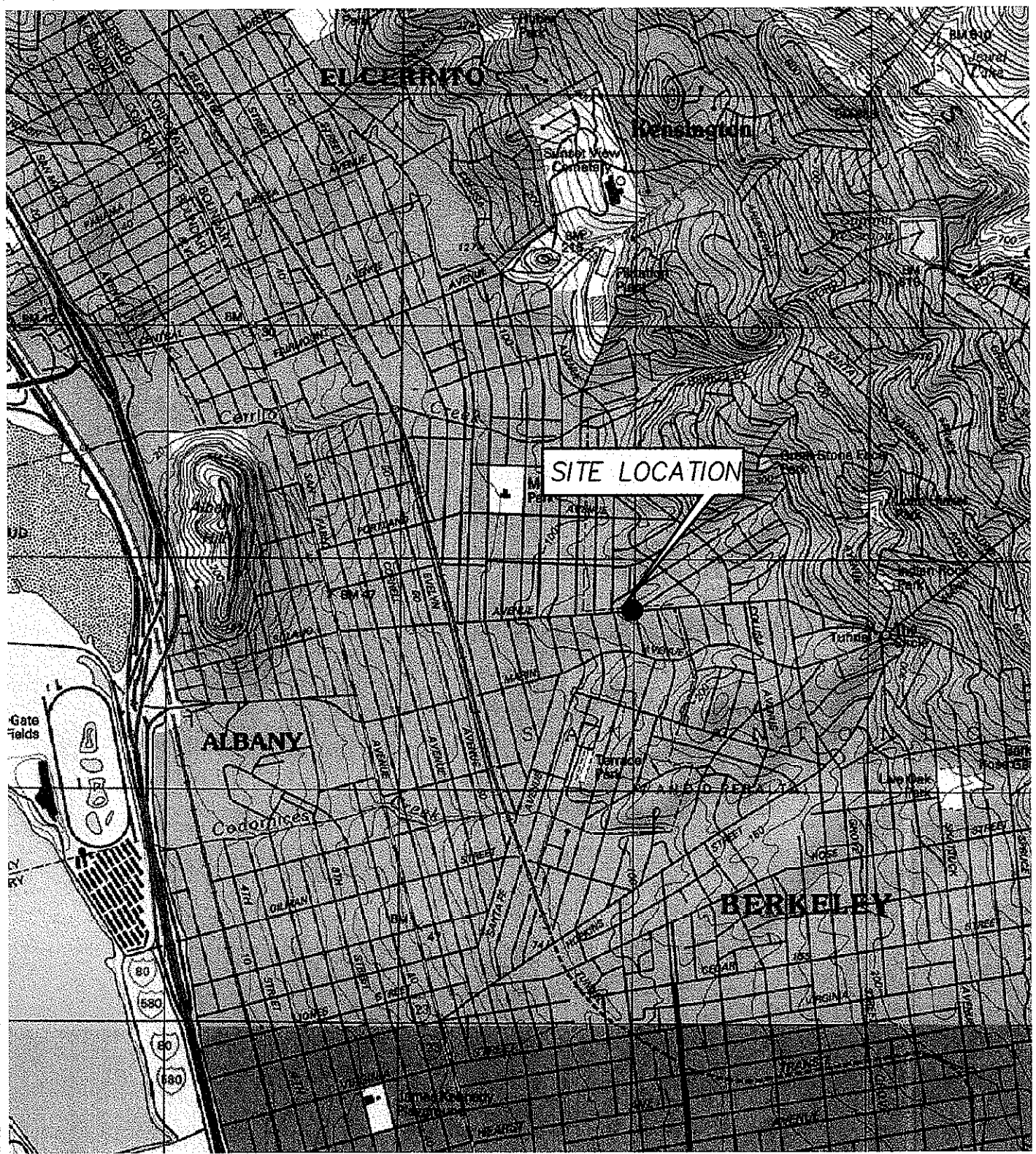
TPH-D ESL compared to TPH (middle distillate) value

FIGURES

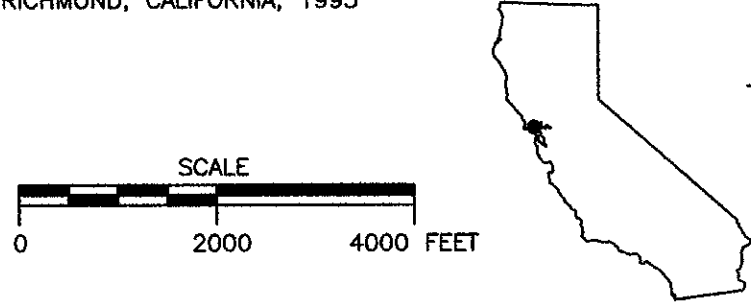
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RB 7/8/04 Aw 6.29.06 RD 6.29.06



REFERENCE:
"TOPOI" 7.5' QUADRANGLE OF
RICHMOND, CALIFORNIA, 1993



PREPARED FOR
AT&T
DALLAS, TEXAS

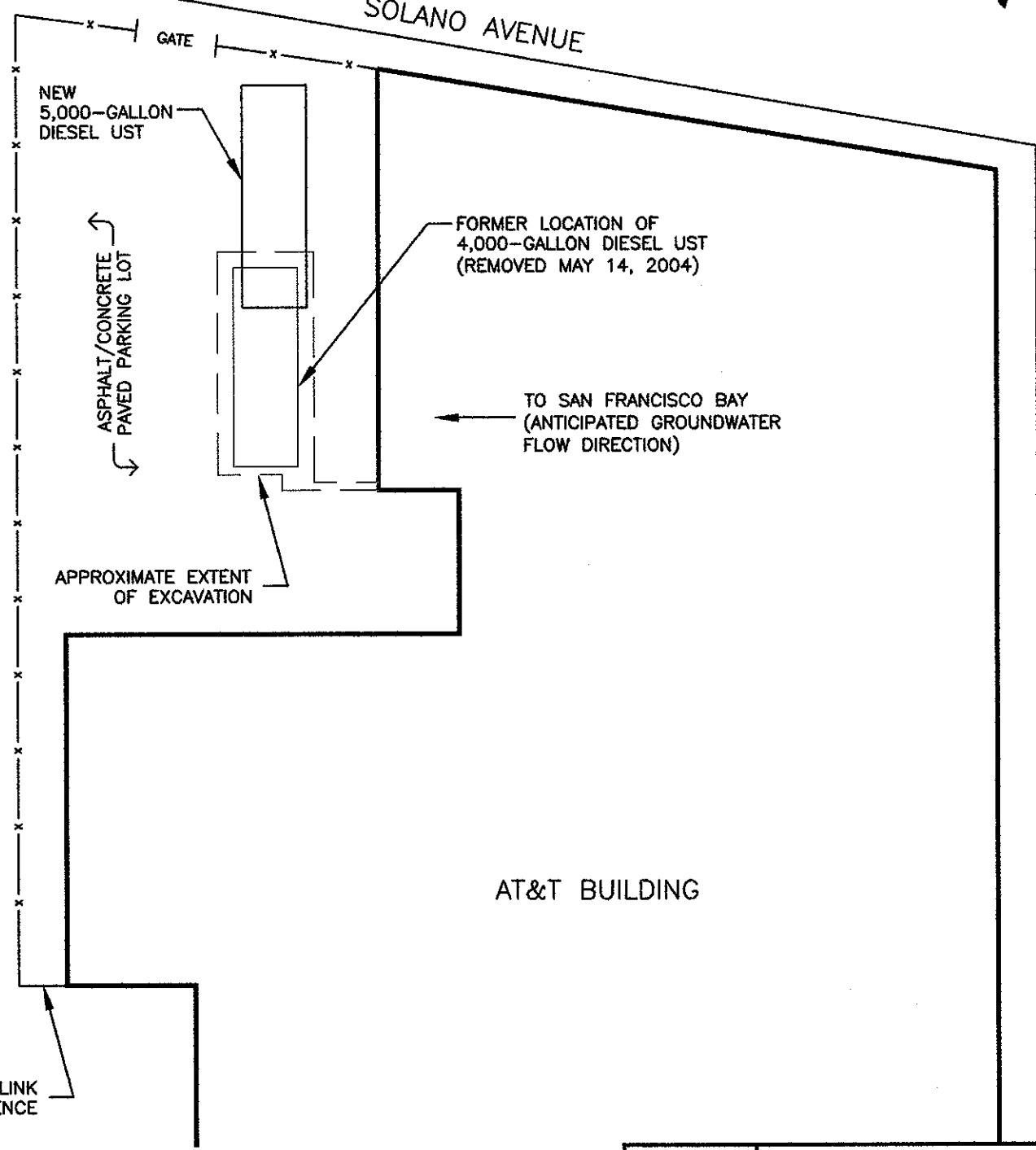
FIGURE 1
SITE VICINITY MAP
AT&T FACILITY
1612 SOLANO AVENUE
ALBANY, CALIFORNIA

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	RD	RD	RD	115901-A45
			06/29/06	6-29-06	6-29-06	



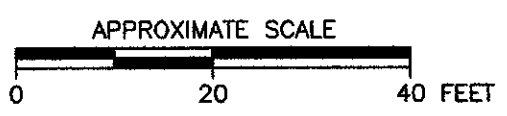
SOLANO AVENUE

VENTURA AVENUE



AT&T BUILDING

CHAIN-LINK FENCE

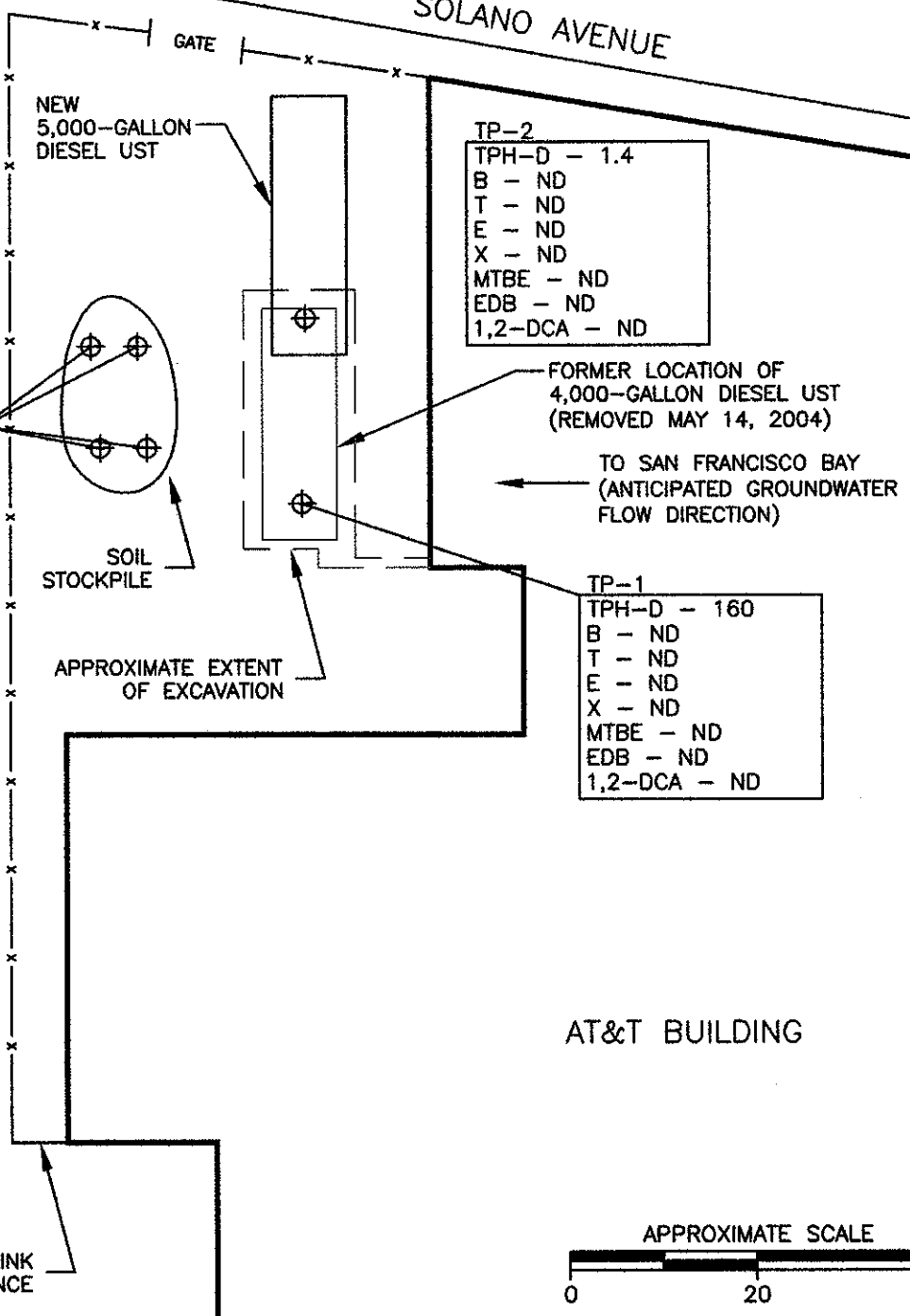


<p>Shaw Shaw E & I, Inc.</p>	<p>PREPARED FOR AT&T DALLAS, TEXAS</p>
	<p>FIGURE 2 SITE PLAN AT&T FACILITY 1612 SOLANO AVENUE ALBANY, CALIFORNIA</p>

IMAGE ---
 X-REF ---
 OFFICE Concord
 DRAWN BY RD
 08/29/06
 CHECKED BY AW
 6-29-06
 APPROVED BY 6-29-06
 DRAWING NUMBER 115901-A46



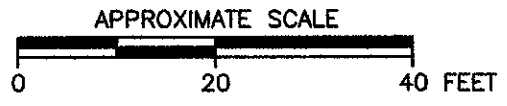
SOLANO AVENUE



LEGEND

- ⊕ SOIL SAMPLE LOCATION
- TPH-D - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- B - BENZENE
- T - TOLUENE
- E - ETHYLBENZENE
- X - XYLENES
- MTBE - METHYL TERTIARY BUTYL ETHER
- EDB - 1,2-DIBROMOETHANE
- 1,2-DCA - 1,2-DICHLOROETHANE
- ND - NOT DETECTED

ALL RESULTS REPORTED IN PARTS PER MILLION

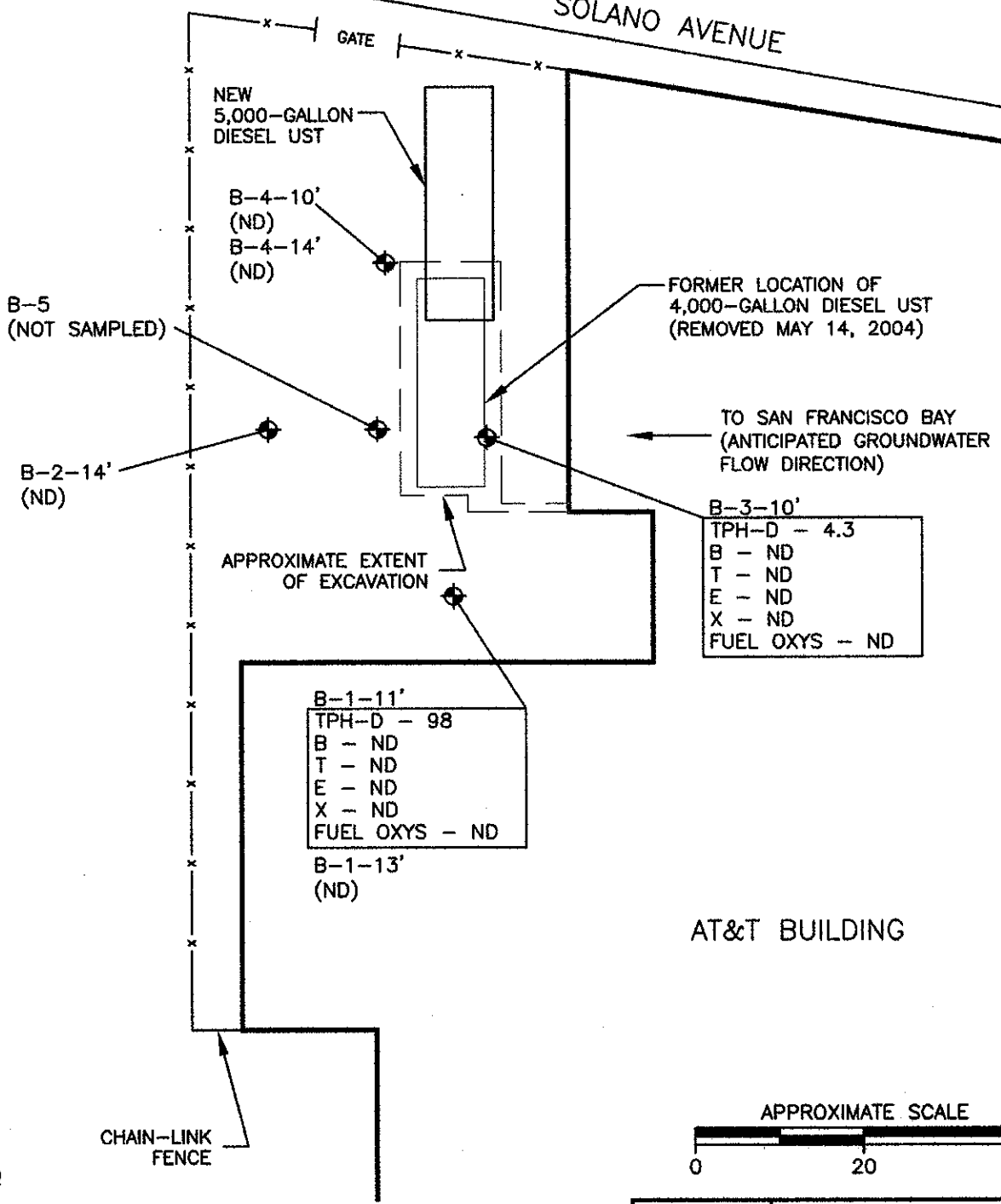


<p>Shaw E&I, Inc.</p>	PREPARED FOR AT&T DALLAS, TEXAS
	<p>FIGURE 3 SOIL SAMPLE ANALYTICAL DATA UST REMOVAL - MAY 14, 2004 AT&T FACILITY 1612 SOLANO AVENUE ALBANY, CALIFORNIA</p>

DRAWING NUMBER 115901-A47
 APPROVED BY RD 6-29-06
 CHECKED BY RD 6-29-06
 DRAWN BY RD 06/29/06
 OFFICE Concord
 X-REF ---
 IMAGE ---



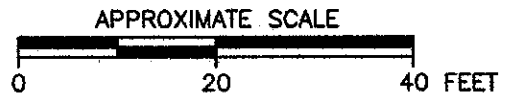
SOLANO AVENUE



B-3-10'
 TPH-D - 4.3
 B - ND
 T - ND
 E - ND
 X - ND
 FUEL OXYS - ND

B-1-11'
 TPH-D - 98
 B - ND
 T - ND
 E - ND
 X - ND
 FUEL OXYS - ND

AT&T BUILDING



LEGEND

- ⊕ SOIL BORING LOCATION
- TPH-D - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- B - BENZENE
- T - TOLUENE
- E - ETHYLBENZENE
- X - XYLENES
- FUEL OXYS - METHYL TERTIARY BUTYL ETHER, TERT-AMYLMETHYL ETHER, ETHYL TERT-BUTYL ETHER, TERT-BUTANOL, 1,2-DIBROMOETHANE, AND 1,2-DICHLOROETHANE
- ND - NOT DETECTED

ALL RESULTS REPORTED IN PARTS PER MILLION

	PREPARED FOR AT&T DALLAS, TEXAS
<p align="center"> FIGURE 4 SOIL SAMPLE ANALYTICAL DATA SOIL BORINGS - MAY 15, 2006 AT&T FACILITY 1612 SOLANO AVENUE ALBANY, CALIFORNIA </p>	

IMAGE X-REF OFFICE DRAWN BY CHECKED BY APPROVED BY DRAWING NUMBER
 --- --- Concord RD 06/29/06 huj 6-29-06 115901-A48



SOLANO AVENUE

B-4-W
 TPH-D - ND
 B - ND
 T - 0.91
 E - ND
 X - ND
 FUEL OXYS - ND

NEW 5,000-GALLON DIESEL UST

B-5
 (INSUFFICIENT WATER TO SAMPLE)

FORMER LOCATION OF 4,000-GALLON DIESEL UST (REMOVED MAY 14, 2004)

TO SAN FRANCISCO BAY (ANTICIPATED GROUNDWATER FLOW DIRECTION)

B-2-W
 TPH-D - 54
 B - ND
 T - ND
 E - ND
 X - ND
 FUEL OXYS - ND

APPROXIMATE EXTENT OF EXCAVATION

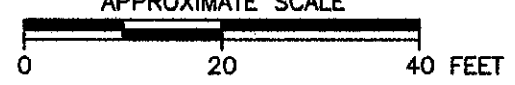
B-3-W
 TPH-D - 770
 B - ND
 T - 3.7
 E - 0.64
 X - 2.6
 FUEL OXYS - ND

B-1-11'
 (INSUFFICIENT WATER TO SAMPLE)

AT&T BUILDING

CHAIN-LINK FENCE

APPROXIMATE SCALE



LEGEND

- ⊕ SOIL BORING LOCATION
- TPH-D - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- B - BENZENE
- T - TOLUENE
- E - ETHYLBENZENE
- X - XYLENES
- FUEL OXYS - METHYL TERTIARY BUTYL ETHER, TERT-AMYLMETHYL ETHER, ETHYL TERT-BUTYL ETHER, TERT-BUTANOL, 1,2-DIBROMOETHANE, AND 1,2-DICHLOROETHANE
- ND - NOT DETECTED

ALL RESULTS REPORTED IN PARTS PER BILLION

	PREPARED FOR AT&T DALLAS, TEXAS
	FIGURE 5 GROUNDWATER SAMPLE ANALYTICAL DATA SOIL BORINGS - MAY 15, 2006 AT&T FACILITY 1612 SOLANO AVENUE ALBANY, CALIFORNIA

APPENDIX A
SOIL BORING PERMIT

Alameda County Public Works Agency - Water Resources Well Permit



399 Eimhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/10/2006 **By** Jamesy
Permits Issued: W2006-0188

Receipt Number: WR2006-0116
Permits Valid from 06/09/2006 **to** 06/09/2006

Application Id: 1141776619100
Site Location: 1612 Solano Avenue

City of Project Site: Albany

Project Start Date: Albany, CA 94707
06/09/2006

Completion Date: 06/09/2006

Applicant: Shaw Environmental, Inc. - Danielle Delgado
4005 Port Chicago Highway, Concord, CA 94520

Phone: 925-288-2387

Property Owner: Louise Delano
308 South Akard Street Room 900, Dallas, TX 75202

Phone: 214-464-1469

Client: ** same as Property Owner **

Contact: Danielle Delgado

Phone: 925-288-2384
Cell: 805-801-1387

	Total Due:	\$200.00
Payer Name : Shaw Environmental & Infrastructure	Total Amount Paid:	\$200.00
PAID BY: CHECK		PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 5 Boreholes
Driller: Vironex - Lic #: 705927 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0188	03/10/2006	06/21/2006	5	2.00 in.	16.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact George Cashen for an inspection time at 510-670-6610 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this

Alameda County Public Works Agency - Water Resources Well Permit

permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX B
SOIL BORING LOGS

BORING NO. B-1

SURF. ELEV. _____ SURF. ELEV. _____
 FIELD GEOLOGIST D. DELGADO DATE BEGAN 05/15/06
 CHECKED BY D. DELGADO DATE FINISHED 05/15/06
 APPROVED BY R. DELNAGRO SAMPLE DIA. _____

DEPTH IN FEET	SAMPLE TYPE	DRILLING REMARKS
0		
5		
10		
	B-1-11'	
	B-1-13'	
15		
20		
25		
30		
35		

ASTM D2488-00	PROFILE
	Concrete
fill	ENGINEERED FILL (sand/gravel)
CL	SILTY CLAY; mottled dark brown/tan, stiff, damp, 70-80% clay, 15-25% silt, 5-10% fine-grained sand.
CL	CLAY; brown, firm, damp, 80-90% clay, 10-20% silt, medium plasticity.
CL	SILTY CLAY; mottled dark brown/tan, stiff, damp, 70-80% clay, 15-25% silt, 5-10% fine-grained sand.
SP	SAND with GRAVEL; reddish-brown, medium-dense, damp, 70-80% fine-grained sand, 10-15% poorly graded gravel, 5-10% clay, hydrocarbon staining/odor noted from 11-11.5 ft.
ML	SANDY SILT; reddish brown with black mottling; firm, damp, 50-80% silt, 20-30% fine-grained sand, 10-20% poorly sorted gravel.
rock	WEATHERED BEDROCK, reddish-brown, damp, very hard drilling.

0.5'
4.5'
8.0'
9.0'
11.0'
12.0'
17.0'
20.0'
REFUSAL AT 20.0' BSG

DRILLER : RYAN SAYPHONE
 DRILLING CO. : VIRONEX
 DRILLING METHOD : DIRECT PUSH
 SAMPLING METHOD :
 PROJECT : ATT-ALBANY
 LOCATION : 1612 SOLANO AVE., ALBANY
 PROJECT NO. : 115901



Shaw E & I, Inc.

DRAWN BY	RD	CHECKED BY	_____	DRAWING NO. : 115901-A49
DATE	06/29/06	APPROVED BY	_____	

BORING NO. B-2

SURF. ELEV. _____ SURF. ELEV. _____
 FIELD GEOLOGIST D. DELGADO DATE BEGAN 05/15/06
 CHECKED BY D. DELGADO DATE FINISHED 05/15/06
 APPROVED BY R. DELNAGRO SAMPLE DIA. _____

DEPTH IN FEET	SAMPLE TYPE	DRILLING REMARKS
0		
5		
10		
15		
20		
25		
30		
35		

ASTM D2488-00	PROFILE
	Asphalt
fill	ENGINEERED FILL (sand/gravel)
OH	CLAY; organic, dark brown to black, moist, soft.
CL	SILTY CLAY; mottled dark brown/tan, stiff, damp, 70-80% clay, 15-25% silt, 5-10% fine-grained sand.
CL	CLAY; brown, firm, damp, 80-90% clay, 10-20% silt, medium plasticity.
CL	SILTY CLAY; mottled dark brown/tan, stiff, damp, 70-80% clay, 15-25% silt, 5-10% fine-grained sand.
SP	Groundwater stabilized at 11.25 ft. SAND with GRAVEL; reddish-brown, medium-dense, damp, 70-80% fine-grained sand, 10-15% poorly graded gravel, 5-10% clay.
ML	SANDY SILT; reddish brown with black mottling; firm, damp, 50-60% silt, 20-30% fine-grained sand, 10-20% poorly sorted gravel. Initial groundwater at 14.5 ft.; observed rising in casing.

0.5'
3.0'
5.5'
7.0'
8.0'
10.5'
13.0'
15.0'
END OF BORING AT 15.0' BSG

8-2-14'

DRILLER : RYAN SAYPHONE
 DRILLING CO. : VIRONEX
 DRILLING METHOD : DIRECT PUSH
 SAMPLING METHOD :
 PROJECT : ATT-ALBANY
 LOCATION : 1612 SOLANO AVE., ALBANY
 PROJECT NO. : 115901



Shaw E & I, Inc.

DRAWN BY	RD	CHECKED BY		DRAWING NO. : 115901-A50
DATE	05/29/06	APPROVED BY		

BORING NO. B-3

SURF. ELEV. _____ SURF. ELEV. _____
 FIELD GEOLOGIST D. DELGADO DATE BEGAN 05/15/06
 CHECKED BY D. DELGADO DATE FINISHED 05/15/06
 APPROVED BY R. DELNAGRO SAMPLE DIA. _____

DEPTH IN FEET	SAMPLE TYPE	DRILLING REMARKS
0		
5		
10		
15		
20		
25		
30		
35		

ASTM D2488-00	PROFILE
fill	
fill	
CL	
SP	

Asphalt	0.5'
ENGINEERED FILL (sand/gravel)	2.0'
ENGINEERED FILL (sand, within former UST excavation)	9.5'
SILTY CLAY; mottled dark brown/tan, stiff, damp, 70-80% clay, 15-25% silt, 5-10% fine-grained sand.	10.5'
Groundwater at 10.5 ft.	
SAND with GRAVEL; reddish-brown, medium-dense, damp, 70-80% fine-grained sand, 10-15% poorly graded gravel, 5-10% clay.	15.0'
END OF BORING AT 15.0' BSG	

8-3-10'

DRILLER : RYAN SAYPHONE
 DRILLING CO. : VIRONEX
 DRILLING METHOD : DIRECT PUSH
 SAMPLING METHOD :
 PROJECT : ATT-ALBANY
 LOCATION : 1612 SOLANO AVE., ALBANY
 PROJECT NO. : 115901



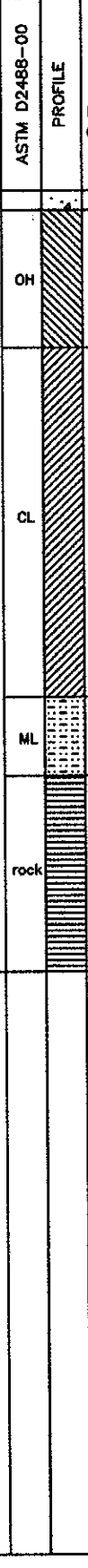
Shaw E & I, Inc.

DRAWN BY	RD	CHECKED BY	—	DRAWING NO. : 115901-A51
DATE	06/29/06	APPROVED BY	—	

BORING NO. B-4

SURF. ELEV. _____ SURF. ELEV. _____
 FIELD GEOLOGIST D. DELGADO DATE BEGAN 05/15/06
 CHECKED BY D. DELGADO DATE FINISHED 05/15/06
 APPROVED BY R. DELNAGRO SAMPLE DIA. _____

DEPTH IN FEET	SAMPLE TYPE	DRILLING REMARKS
0		
0.5'		Asphalt/Engineered Fill (sand, gravel)
4.0'	OH	CLAY; organic, dark brown to black, moist, soft.
13.0'	CL	SILTY CLAY; mottled dark brown/tan, stiff, damp, 70-80% clay, 15-25% silt, 5-10% fine-grained sand. Gravel layer noted from 7-7.5 ft.
15.0'	ML	SANDY SILT; reddish brown with black mottling; firm, damp, 50-60% silt, 20-30% fine-grained sand, 10-20% poorly sorted gravel.
19.0'	rock	WEATHERED BEDROCK, reddish-brown, dry, very hard drilling.
20.0'		Groundwater remained at 19.0 ft. after 1.5 hours.
20.0'		Groundwater at 19.0 ft.
20.0'		END OF BORING AT 20.0' BSG
25		
30		
35		



DRILLER : RYAN SAYPHONE
 DRILLING CO. : VIRONEX
 DRILLING METHOD : DIRECT PUSH
 SAMPLING METHOD :
 PROJECT : ATT-ALBANY
 LOCATION : 1612 SOLANO AVE., ALBANY
 PROJECT NO. : 115901



Shaw E & I, Inc.

DRAWN BY	RD	CHECKED BY	---	DRAWING NO. : 115901-A52
DATE	06/28/06	APPROVED BY	---	

BORING NO. B-5

SURF. ELEV. _____ SURF. ELEV. _____
 FIELD GEOLOGIST D. DELGADO DATE BEGAN 05/15/06
 CHECKED BY D. DELGADO DATE FINISHED 05/15/06
 APPROVED BY R. DELNAGRO SAMPLE DIA. _____

DEPTH IN FEET

SAMPLE TYPE

DRILLING REMARKS

ASTM D2488-00

PROFILE

NO SOIL SAMPLES COLLECTED

NO SOIL SAMPLES COLLECTED

NO SOIL SAMPLES COLLECTED

Hydropunch screen set from 10-14 ft. Screen remained open for 2.25 hours. Insufficient water infiltrated to sample.

Hydropunch screen set from 17-20 ft. Screen remained open for 2 hours. Insufficient water infiltrated to sample.

20.0'

END OF HYDROPUNCH AT 20.0' BSG

PAGE 1 OF 1

DRILLER : RYAN SAYPHONE
 DRILLING CO. : VIRONEX
 DRILLING METHOD : DIRECT PUSH
 SAMPLING METHOD :
 PROJECT : ATT-ALBANY
 LOCATION : 1612 SOLANO AVE., ALBANY
 PROJECT NO. : 115901



Shaw E & I, Inc.

DRAWN BY	RD	CHECKED BY	—	DRAWING NO. : 115901-A53
DATE	06/29/06	APPROVED BY	—	

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



McC Campbell Analytical, Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #115247; AT&T- Albany	Date Sampled: 05/15/06
		Date Received: 05/16/06
	Client Contact: Rob Delnagro	Date Reported: 05/22/06
	Client P.O.:	Date Completed: 05/22/06

WorkOrder: 0605341

May 22, 2006

Dear Rob:

Enclosed are:

- 1). the results of 6 analyzed samples from your #115247; AT&T- Albany project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody

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. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



McC Campbell 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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #115247; AT&T-Albany	Date Sampled: 05/15/06
	Client Contact: Rob Delnagro	Date Received: 05/16/06
	Client P.O.:	Date Extracted: 05/16/06
		Date Analyzed: 05/16/06-05/18/06

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

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0605341


Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0605341-001A	B-1-11'	S	98,k	1	102
0605341-002A	B-1-13'	S	ND	1	99
0605341-003A	B-2-14'	S	ND	1	99
0605341-004A	B-3-10'	S	4.3,g,b	2	96
0605341-005A	B-4-10'	S	ND	1	99
0605341-006A	B-4-14'	S	ND	1	101

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 McC Campbell 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; o) results are reported on a dry weight basis.

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #115247; AT&T-Albany	Date Sampled: 05/15/06
	Client Contact: Rob Delnagro	Date Received: 05/16/06
	Client P.O.:	Date Extracted: 05/16/06
		Date Analyzed: 05/18/06

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0605341

Lab ID	0605341-001A	0605341-002A	0605341-003A	0605341-004A	Reporting Limit for DF =1	
Client ID	B-1-11'	B-1-13'	B-2-14'	B-3-10'		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	0.005
Benzene	ND	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	0.005	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS:	95	109	110	112
%SS1:	99	84	82	83
%SS2:	95	101	100	102

Comments

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #115247; AT&T-Albany	Date Sampled: 05/15/06
	Client Contact: Rob Delnagro	Date Received: 05/16/06
	Client P.O.:	Date Extracted: 05/16/06
		Date Analyzed: 05/18/06

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0605341

Lab ID	0605341-005A	0605341-006A			Reporting Limit for DF =1
Client ID	B-4-10'	B-4-14'			
Matrix	S	S			
DF	1	1			

Compound	Concentration				mg/kg	ug/L
	tert-Amyl methyl ether (TAME)	ND	ND			0.005
Benzene	ND	ND			0.005	NA
t-Butyl alcohol (TBA)	ND	ND			0.05	NA
1,2-Dibromoethane (EDB)	ND	ND			0.005	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND			0.005	NA
Diisopropyl ether (DIPE)	ND	ND			0.005	NA
Ethylbenzene	ND	ND			0.005	NA
Ethyl tert-butyl ether (ETBE)	ND	ND			0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND			0.005	NA
Toluene	ND	ND			0.005	NA
Xylenes	ND	ND			0.005	NA

Surrogate Recoveries (%)

%SS:	108	110		
%SS1:	96	82		
%SS2:	102	100		

Comments

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0605341

EPA Method: SW8015C		Extraction: SW3550C			BatchID: 21734			Spiked Sample ID: 0605332-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	117	116	0.751	116	117	0.687	70 - 130	70 - 130
%SS:	107	50	103	107	3.49	106	107	0.626	70 - 130	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

BATCH 21734 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605341-001A	5/15/06 9:10 AM	5/16/06	5/17/06 4:24 AM	0605341-002A	5/15/06 9:15 AM	5/16/06	5/18/06 8:58 PM
0605341-003A	5/15/06 9:57 AM	5/16/06	5/17/06 7:49 AM	0605341-004A	5/15/06 11:00 AM	5/16/06	5/17/06 9:54 PM
0605341-005A	5/15/06 11:50 AM	5/16/06	5/17/06 6:40 AM	0605341-006A	5/15/06 2:00 PM	5/16/06	5/16/06 10:56 PM

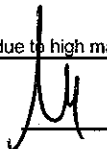
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the 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.

 QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0605341

EPA Method: SW8260B		Extraction: SW5030B			BatchID: 21737			Spiked Sample ID: 0605331-007A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	0.050	99.4	102	2.85	99	101	2.05	70 - 130	70 - 130
Benzene	ND	0.050	120	120	0	119	119	0	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	0.25	103	116	11.5	114	113	0.312	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	0.050	114	116	1.78	114	113	0.182	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	0.050	98.7	102	3.14	99.5	101	1.89	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	0.050	108	112	3.66	107	110	2.71	70 - 130	70 - 130
Toluene	ND	0.050	107	107	0	108	107	0.540	70 - 130	70 - 130
%SS1:	93	0.050	104	104	0	105	103	1.22	70 - 130	70 - 130
%SS2:	91	0.050	96	96	0	96	96	0	70 - 130	70 - 130
%SS3:	98	0.050	102	100	2.07	101	101	0	70 - 130	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

BATCH 21737 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605341-001A	5/15/06 9:10 AM	5/16/06	5/18/06 1:46 PM	0605341-002A	5/15/06 9:15 AM	5/16/06	5/18/06 2:27 AM
0605341-003A	5/15/06 9:57 AM	5/16/06	5/18/06 3:10 AM	0605341-004A	5/15/06 11:00 AM	5/16/06	5/18/06 3:53 AM
0605341-005A	5/15/06 11:50 AM	5/16/06	5/18/06 6:13 PM	0605341-006A	5/15/06 2:00 PM	5/16/06	5/18/06 5:20 AM

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 / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the 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.

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0605341

ClientID: SHAW

EDF: NO

Report to:

Rob Delnagro
 Shaw Environmental
 4005 Port Chicago Hwy
 Concord, CA 94520

TEL: 925-288-9898
 FAX: 925-288-2359
 ProjectNo: #115247; AT&T- Albany
 PO:

Bill to:

Accounts Payable
 Shaw Environmental & Infrastructure
 4005 Port Chicago Hwy
 Concord, CA 94520

Requested TAT:

5 days

Date Received: 05/16/2006

Date Printed: 05/16/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0605341-001	B-1-11'	Soil	05/15/2006	<input type="checkbox"/>	A	A											
0605341-002	B-1-13'	Soil	05/15/2006	<input type="checkbox"/>	A	A											
0605341-003	B-2-14'	Soil	05/15/2006	<input type="checkbox"/>	A	A											
0605341-004	B-3-10'	Soil	05/15/2006	<input type="checkbox"/>	A	A											
0605341-005	B-4-10'	Soil	05/15/2006	<input type="checkbox"/>	A	A											
0605341-006	B-4-14'	Soil	05/15/2006	<input type="checkbox"/>	A	A											

Test Legend:

1	MBTEXOXY-8260B_S	2	TPH(D)_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

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.

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560


Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD



TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 9 DAY
EDF Required? Coelt (Normal) YES Write On (DW) No

Report To: Rob Delnagro Bill To: same
Company: Shaw Environmental, Inc.
4005 Port Chicago Highway
Concord, CA 94520 E-Mail: rob.delnagro@shawgrp.com
Tele: (925) 288-2103 Fax: (925) 827-2029
Project #: 115247 Project Name: AT&T - Albany
Project Location: 1612 Solano Avenue, Albany

Sampler Signature: 

Analysis Request														Other	Comments																			
SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				TPH as Gas (8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)	8260 BTEX, MTBE, 1,2-DCA and EDB			
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other																				
B-1-11'	B-1	5-15-06	910	1	PA	X					X			X																	X		Filter Samples for Metals analysis: Yes / No	
B-1-13'	B-1	"	915	x	x	x					x																							
B-2-14'	B-2	"	957	x	x	x					x																							
B-3-10'	B-3	"	1100	x	x	x					x																							
B-4-10'	B-4	"	1150	x	x	x					x																							
B-4-14'	B-4	"	1400	x	x	x					x																							

Relinquished By:  Date: 5-16-06 Time: 1350 Received By: 
Relinquished By: _____ Date: _____ Time: _____ Received By: _____
Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/□
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB ✓

VOAS | O&G | METALS | OTHER
PRESERVATION pH<2

COMMENTS:



McC Campbell Analytical, Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #115247; AT&T-Albany	Date Sampled: 05/15/06
		Date Received: 05/16/06
	Client Contact: Rob Delnagro	Date Reported: 05/23/06
	Client P.O.:	Date Completed: 05/23/06

WorkOrder: 0605342

May 23, 2006

Dear Rob:

Enclosed are:

- 1). the results of 3 analyzed samples from your #115247; AT&T-Albany project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody

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. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

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

Shaw Environmental
 4005 Port Chicago Hwy
 Concord, CA 94520

Client Project ID: #115247; AT&T-
 Albany

Date Sampled: 05/15/06

Date Received: 05/16/06

Client Contact: Rob Delnagro

Date Extracted: 05/16/06

Client P.O.:

Date Analyzed: 05/17/06-05/19/06

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

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0605342

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0605342-001B	B-3-W	W	770,g,b,i	2	110
0605342-002B	B-2-W	W	54,g,i	1	96
0605342-003B	B-4-W	W	ND,i	1	95

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

* 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 McC Campbell 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/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #115247; AT&T-Albany	Date Sampled: 05/15/06
	Client Contact: Rob Delnagro	Date Received: 05/16/06
	Client P.O.:	Date Extracted: 05/17/06
		Date Analyzed: 05/17/06

Oxygenates and BTEX by GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0605342

Lab ID	0605342-001A	0605342-002A	0605342-003A		Reporting Limit for DF=1
Client ID	B-3-W	B-2-W	B-4-W		
Matrix	W	W	W		
DF	1	1	1		

Compound	Concentration			ug/kg	µg/L
	tert-Amyl methyl ether (TAME)	ND	ND	ND	NA
Benzene	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	NA	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	NA	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	NA	0.5
Ethylbenzene	0.64	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	ND	ND	ND	NA	0.5
Toluene	3.7	ND	0.91	NA	0.5
Xylenes	2.6	ND	ND	NA	0.5

Surrogate Recoveries (%)

%SS1:	105	105	105	
%SS2:	95	96	97	
%SS3:	96	98	99	
Comments	i	i	i	

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

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

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605342

EPA Method: SW8015C		Extraction: SW3510C			BatchID: 21699			Spiked Sample ID: N/A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	106	104	1.38	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	98	94	3.88	N/A	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

BATCH 21699 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605342-001B	5/15/06 12:32 PM	5/16/06	5/19/06 1:53 AM	0605342-002B	5/15/06 1:00 PM	5/16/06	5/17/06 5:32 AM
0605342-003B	5/15/06 3:15 PM	5/16/06	5/17/06 7:37 PM				

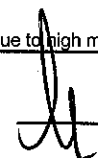
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the 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.

 QA/QC Officer



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0605342

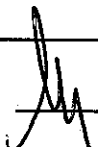
EPA Method: SW8260B		Extraction: SW5030B			BatchID: 21741			Spiked Sample ID: 0605345-001B		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	100	101	1.38	98.7	99.8	1.06	70 - 130	70 - 130
Benzene	ND	10	117	116	1.19	119	118	0.429	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	102	107	5.40	112	113	1.19	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	115	116	0.280	113	114	0.590	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	101	102	0.899	99.2	99.4	0.236	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	109	111	1.60	107	109	1.72	70 - 130	70 - 130
Toluene	ND	10	109	110	1.37	107	105	2.27	70 - 130	70 - 130
%SS1:	104	10	105	103	1.41	103	103	0	70 - 130	70 - 130
%SS2:	96	10	96	96	0	96	96	0	70 - 130	70 - 130
%SS3:	100	10	101	100	0.288	101	101	0	70 - 130	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

BATCH 21741 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0605342-001A	5/15/06 12:32 PM	5/17/06	5/17/06 4:36 PM	0605342-002A	5/15/06 1:00 PM	5/17/06	5/17/06 5:18 PM
0605342-003A	5/15/06 3:15 PM	5/17/06	5/17/06 6:02 PM				

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 / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the 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.

 QA/QC Officer

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
 PACHECO, CA 94553-5560

Website: www.mccampbell.com Email: main@mccampbell.com
 Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME X
 RUSH 24 HR 48 HR 72 HR 5 DAY
 EDF Required? Coelt (Normal) YES Write On (DW) No

Report To: Rob Delnagro Bill To: same
 Company: Shaw Environmental, Inc.
 4005 Port Chicago Highway
 Concord, CA 94520 E-Mail: rob.delnagro@shawgrp.com
 Tele: (925) 288-2103 Fax: (925) 827-2029
 Project #: 115247 Project Name: AT&T - Albany
 Project Location: 1612 Solano Avenue, Albany

Sampler Signature: *[Signature]*

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED									
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO ₃	Other						
B-3-W	B-3	5-15-06	1232	5	1/2	X					X	X								
B-2-W	B-2	11	1300	11	11	X					X	X								
B-4-W	B-4	11	1515	11	11	X					X	X								

Analysis Request																		Other	Comments				
																						Filter Samples for Metals analysis: Yes / No	

+60
+15
+15

Relinquished By: <i>[Signature]</i>	Date: 5-16-06	Time: 1350	Received By: <i>[Signature]</i>
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/1
 GOOD CONDITION /
 HEAD SPACE ABSENT /
 DECHLORINATED IN LAB /
 APPROPRIATE CONTAINERS /
 PRESERVED IN LAB /
 COMMENTS:

VOAS | O&G | METALS | OTHER
 PRESERVATION | pH-2

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0605342

ClientID: SHAW

EDF: NO

Report to:

Rob Delnagro
 Shaw Environmental
 4005 Port Chicago Hwy
 Concord, CA 94520

TEL: 925-288-9898
 FAX: 925-288-2359
 ProjectNo: #115247; AT&T-Albany
 PO:

Bill to:

Accounts Payable
 Shaw Environmental & Infrastructure
 4005 Port Chicago Hwy
 Concord, CA 94520

Requested TAT:

5 days

Date Received: 05/16/2006

Date Printed: 05/16/2006

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0605342-001	B-3-W	Water	05/15/2006	<input type="checkbox"/>	A	B											
0605342-002	B-2-W	Water	05/15/2006	<input type="checkbox"/>	A	B											
0605342-003	B-4-W	Water	05/15/2006	<input type="checkbox"/>	A	B											

Test Legend:

1	MBTEXOXY-8260B_W	2	TPH(D)_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Rosa Venegas

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.

APPENDIX D

**NON-HAZARDOUS WASTE MANIFEST
FOR SOIL DISPOSAL**

NON-HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No.	Manifest Document No. 8782	2. Page 1 of 1	5/29/2006
3. Generator's Name and Mailing Address AT&T 1612 SOLANO AVE ALBANY, CA 94707					
4. Generator's Phone (949) 1233-2789					
5. Transporter 1 Company Name FILTER RECYCLING SVS, INC.-NO		6. US EPA ID Number FA000139304		A. Transporter's Phone (510) 676-2901	
7. Transporter 2 Company Name FILTER RECYCLING SERVICES, INC.		8. US EPA ID Number FA098244481		B. Transporter's Phone (909) 873-4141	
9. Designated Facility Name and Site Address FILTER RECYCLING SERVICES, INC 50 W MONTE AVE MILPITAS, CA 95116		10. US EPA ID Number FA098244481		C. Facility's Phone (909) 421-7517	
11. Waste Shipping Name and Description NON HAZARDOUS WASTE SOLID				12. Containers No. Type	13. Total Quantity 001 0.01508
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above LEASOIL # 06052509				E. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Wear appropriate protective clothing. 24 Hour Emergency Response # (909) 721-2038					
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject of federal regulations for reporting proper disposal of Hazardous Waste.					
Printed/Typed Name NANCY ANASTAS		Signature <i>[Signature]</i>		Month Day Year 05 30 06	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name FRANK TOWN		Signature <i>[Signature]</i>		Month Day Year 05 30 06	
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 waste materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year	

GENERATOR
TRANSPORTER
FACILITY

TRANSPORTER # 1