CASE CLOSURE SUMMARY LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 383-1767
Responsible Staff Person: Steven Plunkett	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Avenue, Alameda, CA 94501 Local Case No.: Global ID No.: SL0600143977		≥ Na.: RO0002876			
Global ID No.: SL0600143977	APN: 71-				
		APN: 71-203-16			
Addresses		Phone Numbers			
3640 Grand Avenue #6, Oakland, CA 94610 510-834-3311					
950 W. Mall Square, Alameda, CA, 9450	5540 Grand Avende 90, Oditalia, Greater				
•	3640 Grand Avenue #6, Oakland, CA				

Tank I.D. No	Size in Gallons	Size in Gallons Contents Closed In Place/Removed		Date	
Several Tank reported on site	Not Available	Gasoline, Diesel, Motor Oil	Unknown*	1920-1950	
			107		
	Piping	· -	Unknown	1920 -1950	

^{*}Fate of UST not reported, Geophysical survey conducted at the site was inconclusive regarding the presence or absence of the USTs.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown, but likely associated with the operation of USTs.								
Site characterization complete? Yes Date Approved By Oversight Agency:								
Monitoring wells installed? No		Number: 0	Proper screened interval? NA					
Highest GW Depth Below Ground Surface: 8.0	0	Lowest Depth: 10.0	Flow Direction: Southeast					
Most Sensitive Current Use: Potential drinking water source.								

Date: June 19, 2008

Summary of Production Wells in Vicinity:

A well survey completed for the site indicated that three irrigation wells were located within 2000 feet of the site; one irrigation well is located cross gradient and two irrigation wells are located upgradient of the site. Considering the upgradient and crossgradient location of the irrigation wells from the site, the irrigation wells do not appear to be receptors for the site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain				
Is surface water affected? No	Nearest SW Name: San Francisco Bay is approximately 1 mile north east of the site.				
Off-Site Beneficial Use Impacts (Addresses/Locations): None					
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health				

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL							
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date				
Tank	Not reported	Not reported	NA				
Piping	Not reported	Not reported	NA				
Free Product	Not reported	-					
Soil	Not reported	Not reported	NA				
Groundwater	200,500 gallons	Treated on site with granular activated carbon system	3/02/2007				

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP (Please see Attachments for additional information on contaminant locations and concentrations)

Cantaniana	Soi	l (ppm)	Water (ppb)		
Contaminant	Before	After	Before	After <50	
TPH (Gas)	420	420	<50		
TPH (Diesel)	360	360	1,100	1,000	
TPH (Motor Oil)	490	490	7,300	7,300	
Benzene	<0.13	<0.13	<0.5	<0.5	
Toluene	<0.13		7.8	7.8	
Ethylbenzene	1.1	1.1	0.72	0.72	
Xylenes	1.26	1.26	4.4	4.4	
Lead	5.2	Not Analyzed	<2	<2	
MTBE	<0.5 (1)	<0.5 ⁽¹⁾	<0.5 ⁽²⁾	<0.5(2)	
Naphthalene	0.54 ⁽³⁾	0.54 ⁽³⁾	Not Analyzed ⁽⁴⁾	<0.5 ⁽⁴⁾	

⁽¹⁾ Fuel Oxygenates and Lead Scavengers (Soil): <0.005 ppm TBA, <0.005 ppm TAME, <0.005 ETBE, <0.005 DIPE, <0.005 1,2-DCA, <0.005 EDB.

(3) Other VOCs (Soil): Not Analyzed

⁽²⁾ Fuel Oxygenates (Groundwater): TBA <0.5 ppb, 1,2-DCA <0.5 ppb, TAME <0.5 ppb, ETBE <0.5 ppb, DIPE <0.5 ppb, EDB <0.5 ppb and EtOH <300 ppb

⁽⁴⁾ Other VOCs (Groundwater): 2.3 ppb Cis-1-2 dichloroethene, 3.9 ppb tetrachloroethene, 1.5 ppb trichloroethene, 16 ppb acetone. No other VOCs were detected above laboratory detection limits.

Site History and Description of Corrective Actions:

The site is currently a paved multi-story commercial building and parking structure located in the cental business district of Alameda. Adjacent properties consist of commercial buildings located in the central business district of Alameda.

The site was occupied by a gasoline service station from approximately 1920 through 1950. A Phase I Environmental Site assessment conducted in March 2004 identified this site as having several USTs associated with the operations of a gasoline service station. Alameda County Fire Department records indicate that up to 11 USTs were installed at the site; however, there are no records documenting the removal of any USTs from the site. In July 2004, Northgate Environmental (Northgate) conducted a geophysical survey of the site in an attempt to locate the USTs. Results of the magnetic survey were inconclusive due to interference from existing structures and other buried utilities. The geophysical survey did not confirm the presence or absence of any USTs at the site. Construction of the cine-plex and parking structure resulted in the excavation of an area approximately 175' x 140' by 10 feet deep; however, no USTs were discovered during site redevelopment activities.

A Phase II soil and groundwater investigation completed in January 2005 included the installation of eight soil borings located throughout the site. Maximum concentrations of up to 7,300 ppb TPHmo and 1,100 ppb TPHd were detected in groundwater near the former gasoline service station location. However, several of the soil borings were installed outside of the service station footprint. In addition, low levels of VOCs were detected in groundwater at concentrations of up to 2.3 ppb Cis-1-2 Dichloroethene, 3.9 ppb tetrachloroethene, 1.5 ppb tirchloroethene and 16 ppb acetone. No other VOCs were detected in groundwater above laboratory detection limits.

During the demolition of the Video Maniacs commercial building, stained soil was encountered beneath the building foundation -a grab soil sample (ID #S-0017'-10') of the material was collected- and TPHg, TPHd and TPHmo were detected at concentration of up to 420 ppm, 360 ppm, and 490 ppm, respectively. Benzene and MtBE were not detected above laboratory reporting limits in soil. Groundwater was not encountered during the excavation and soil sampling.

In August 2006, during redevelopment activities at the site, excavation for a multi-level parking structure resulted in the impoundment of groundwater in the excavation pit. Subsequently, pit dewatering resulted in the removal of over 200,500 gallons of groundwater, which was treated on site by granular activated carbon filtration. Groundwater removed from the excavation pit was discharged to the sanitary sewer under permit from the East Bay Municipal Utilities District.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes

Does corrective action protect public health for current land use? Alarmeda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.

Site Management Requirements: Case closure for the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated.

Should corrective action be reviewed if land use changes? Yes

Was a deed restriction or deed notification filed? No Date Recorded: -
Monitoring Wells Decommissioned: No Number Decommissioned: 0

Number Retained: 0

List Enforcement Actions Taken: None

List Enforcement Actions Rescinded: --

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

 Residual pollution remaining in soil beneath the site includes TPH as gasoline, TPH as diesel and TPH as motor oil at concentrations of up to 420 ppm, 360 ppm, and 490 ppm.

- Soil analytical results from soil borings B-1 through B-8 were collected at shallow depths of between 8.5' and 11' bgs.
- Maximum concentrations of up to 7,300 ppb TPHmo and 1,100 ppb TPHd remain in groundwater beneath the site.
- Low levels of VOCs remain in groundwater beneath the site at concentrations of up to 2.3 ppb Cis-1-2 Dichloroethene, 3.9 ppb tetrachloroethene, 1.5 ppb trichloroethene and 16 ppb acetone.
- No records pertaining to the removal of UST exist, the geophysical investigation did not locate any USTs and no USTs were encountered during site redevelopment.
- Soil samples for fuel oxygenates were not analyzed because the service station ceased operation between 1950 and 1953, which predates the use of fuel oxygenates.

Conclusion:

Benzene, MtBE and napthalene were not detected in soil or groundwater above laboratory reporting limits. In addition, concentrations of TPHg, TPHd and TPHmo remaining in soil and TPHd and TPHmo remaining in groundwater are expected to decrease over time as a result of natural attenuation processes. Furthermore, The area of impact appears restricted to the historic location of the former gasoline service station. Lastly, redevelopment activities including additional soil excavation and the removal of 200,500 gallons of water generated during excavation dewatering potentially removed some of the residual contamination in soil and groundwater.

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site based on the current commercial use of the site.

VI	LOCAL	AGENCY REPRESENTATIVE DAT	Δ

Prepared by: Steven Plunkett	Title: Hazardous Materials Specialist
Signature: Sun Hat	Date: 619 08
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: Lun House	Date: 06/19/08

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

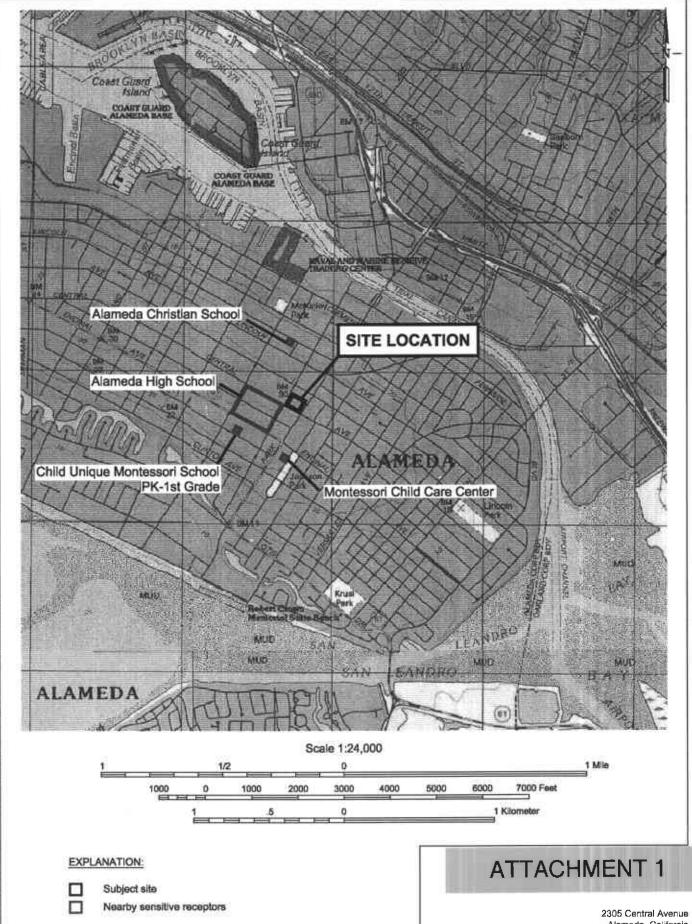
Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date:

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA Date of Well Decommissioning Report: NA						
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0				
Reason Wells Retained: NA						
Additional requirements for submittal of groundwater data from retained wells: NA						
ACEH Concurrence - Signature:	6	Date: 6 19 08				

- 1. Site Vicinity Map
- 2. Site Plan Map
- Site Map Showing Footprint of New Cineplex and Parking Garage
- 4. Groundwater TPHd Isoconcentration Map
- 5. Soil Analytical Data
- 6. Groundwater Analytical Data (9 pages)
- 7. Boring Logs (SB-1 to SB-8)
- 8. Geologic Cross Sections (2 pages)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

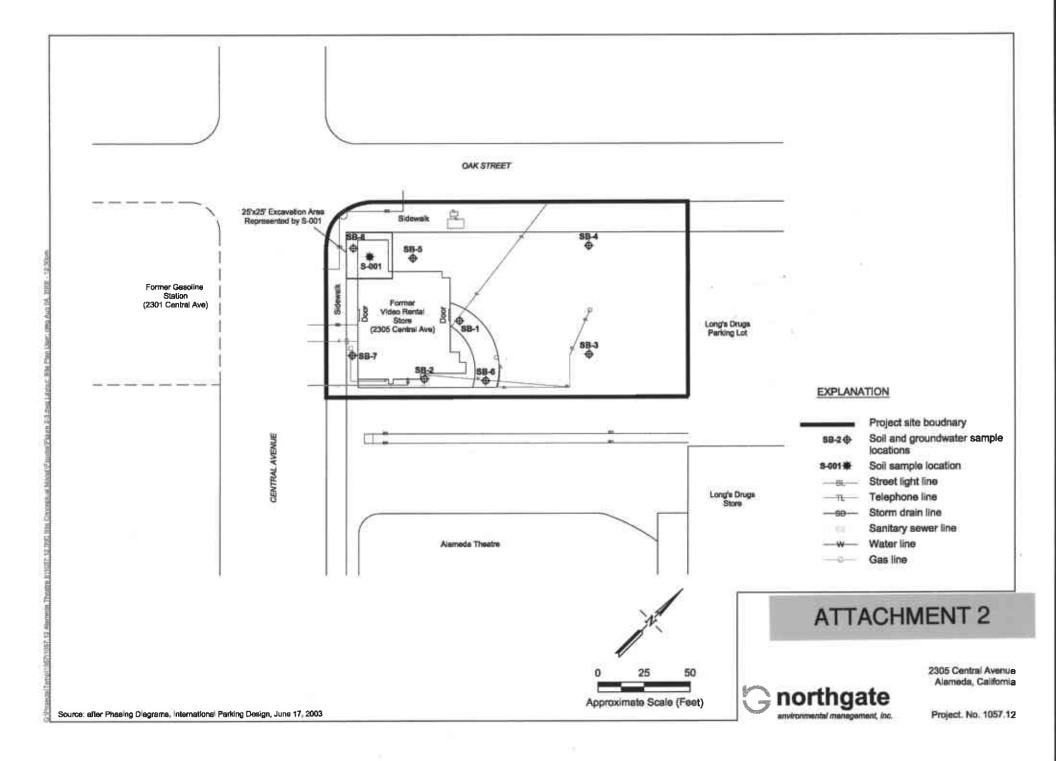


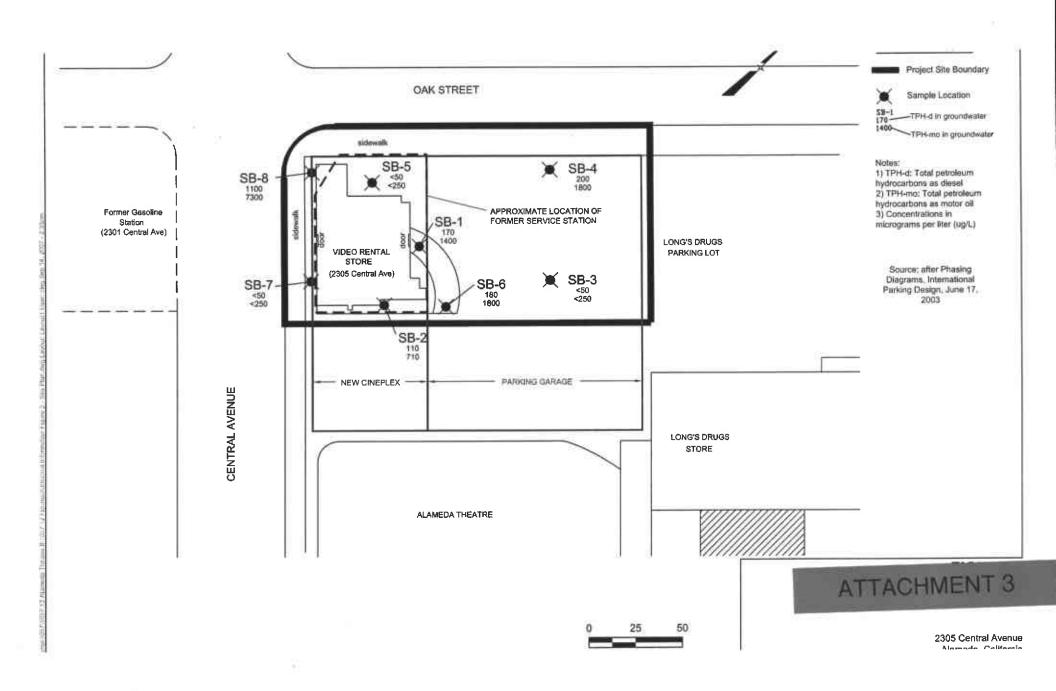
Source: National Geographic USGS TOPO! 2000

northgate

Alameda, Californía

environmental management, Inc. Project. No. 1057.12





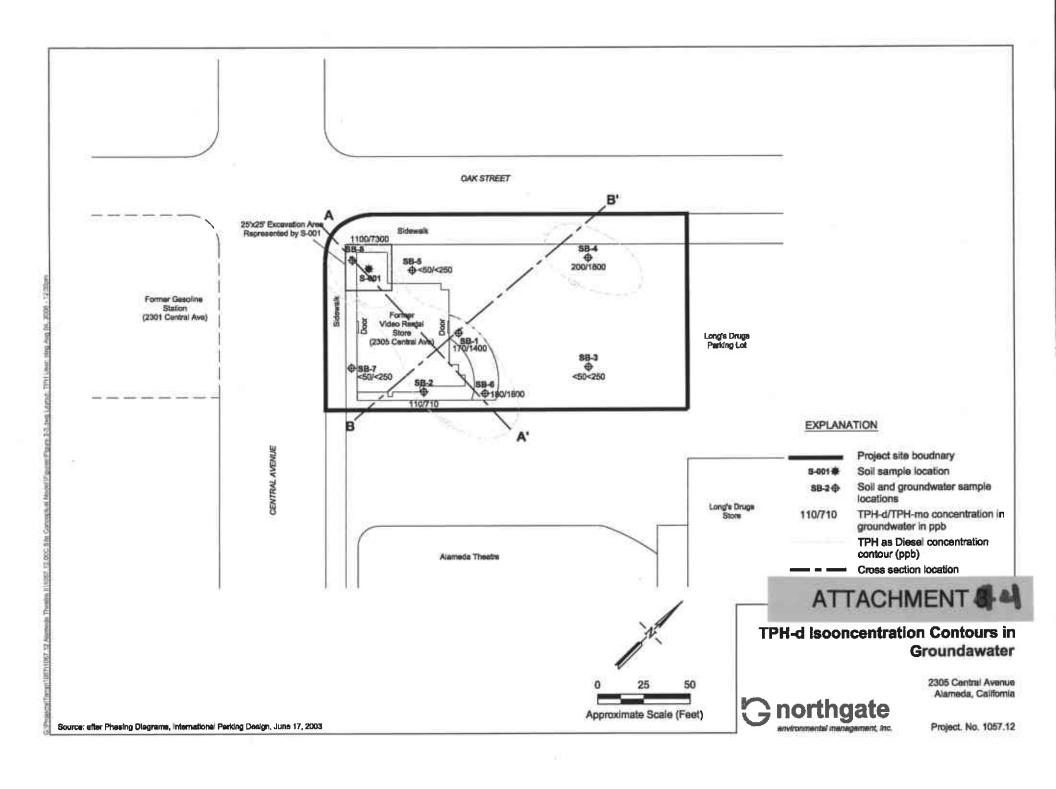


Table 1 Soil Sample Analytical Results

Video Maniacs Parcel Alameda, California

Sample ID (location & depth in feet)	Date Collected	TPH as Gasoline	TPH as Diesel	TPH as Motor Oil	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene
Results reporte										
SB-1-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-1-8.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-2-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-2-11.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-3-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-3-8.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-4-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-4-11.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA .
SB-5-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-5-8.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-6-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-6-8.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-7-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-7-8.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-8-5.5	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
SB-8-8.0	1/25/2005	<1.0	<1.0	<5.0	<0.005	<0.005	<0.005	<0.005	<0.05	NA
S-001 (7' - 10')	8/18/2005	420	360	490	<0.13	<0.13	1.1	1.26	<0.5	0.54
ESL (GW = DW)	100	100	1,000	0.044	2.9	3.2	2.3	0.023	1.5
ESL (GW = NDV	N)	400	500	1,000	0.38	9.3	3.2	11	5.6	1.5

Notes:

mg/Kg: Milligrams per kilogram

TPH: Total Petroleum Hydrocarbons MTBE: Methyl Tert-Butyl Ether

<: Not measured above the indicated laboratory detection limit

NA: Not analyzed

ESL: RWQCB Environmental Screening Level for commercial/ industrial land use

GW=DW: Groundwater IS considered a drinking water source

GW=NDW: Groundwater is NOT considered a drinking water source



NUMBER IT A

Table 2 Groundwater Analytical Results

Video Maniacs Parcel Alameda, California

Sample ID Results reported i	E TPH as Gasoline	TPH as Diesel	TPH as Motor Oil	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	cis-1,2- Dichloroethene	Tetrachloroethene	Trichloroethene	Acetone	Naphthalene	Other VOCs
SB-1	<50	170	1400	<0.5	7.8	0.72	4.4	<0.5	2.3	1	1.5	<0.5	<0.5	ND
SB-2	<50	110	710	<0.5	0.67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SB-3	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.85	<0.5	<0.5	<0.5	ND
SB-4	<50	200	1800	<0.5	1.2	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SB-5	<50	<50	<250	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	6.7	<0.5	ND
SB-6	<50	180	1800	<0.5	1.9	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	12	<0.5	ND
SB-7	<50	<50	<250	<0.5	1.9	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SB-8	<50	1100	7300	<0.5	0.68	<0.5	<0.5	<0.5	<0.5	3.9	0.84	16	<0.5	ND
ESL (GW=DW)	100	100	100	1	40	30	20	5	6	5	5	20,000	21	**
ESL (GW=NDW)	5,000	2,500	2,500	20,000	400	300	5,300	1,800	50,000	3,000	50,000	50,000	210	

Notes:

μg/L: Micrograms per liter

TPH: Total Petroleum Hydrocarbons MTBE: Methyl Tert-Butyl Ether VOCs: Volatile Organic Compounds

<: Not detected above the indicated laboratory detection limit

ND: Not detected; detection limits vary with compound

**: Varies for specific compounds

ESL: RWQCB Environmental Screening Level for commercial/industrial land use

GW=DW: Groundwater IS considered a drinking water source

GW=NDW: Groundwater is NOT considered a drinking water source

Site Conceptual Model Video Maniacs Parcel 2305 Central Ave, Alameda, California

August 4, 2006





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

Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
2.522.5	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B		•		d GC/MS (Basic Target List hod: SW8260B		Order: 05	501354
Lab ID	0501354-017B						
Client ID	SB-1						
Matrix		Water					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND ·	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1.2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1.4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	2.3	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	0.72	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyi toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	1.0	1.0	0.5
Toluene	7.8	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	1.5	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	4.4	1.0	0.5
		Sui	rogate R	ecoveries (%)			
%SS1:	10	3		%SS2:	10	0	
%SS3:	88	3					
Comments: i				<u> </u>			

^{*} 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 surrogate coelutes with another peak.



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

Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
2522 5 1.4	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0501354

Extraction Method: 5W0030B							
Lab ID	0501354-018B						
Client ID	SB-2						
Matrix	Water						
		Panarting					

Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1.2-Dibromoethane (EDB)	ND	1.0	0,5	Dibromomethane	ND	1.0	0.5
1.2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1.4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1,0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	N <u>D</u>	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND_	1.0	0.5
Toluene	0.67	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1.1.2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

	Surro	gate Recoveries (%)	
%SS1:	104	%SS2:	101
%SS3:	89		

^{*} 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 surrogate coelutes with another peak.



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Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
**************************************	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Extraction Method: SW5030B	Volatile Organic	-		d GC/MS (Basic Target List hod: SW8260B		Order: 0:	501354	
Lab ID	0501354-019B							
Client ID		SB-3						
Matrix				Water				
	Concentration *	DF	Reporting	Compound	Concentration *	DF	Reporting Limit	
Compound	Concentration *		Limit	<u> </u>				
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND ND	1.0	5.0	
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND		0.5	
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5	
Bromochloromethane	ND	1.0	0,5_	Bromodichloromethane	ND ND	1.0		
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5 5.0	
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND ND	1.0		
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND ND	1.0	0.5	
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5	
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5	
Chloroethane	ND	0.1	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0	
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5	
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5	
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5	
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND_	1.0	0.5	
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5	
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5	
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	
I,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5	
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5	
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5	
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5	
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5	
Ethylbenzene	ND	1.0	0 <u>.5</u>	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5	
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5	
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND ND	1.0	0.5	
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5	
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5	
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5	
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5	
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	0.85	1.0	0.5	
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5	
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5	
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5	
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5	
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5	
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5	
	· · · · · · ·	Sui	rrogate R	ecoveries (%)				
%SS1:	10		-	%SS2:	10	2		
%SS3:	87							
Comments: i	1							

Comments:

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

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

^{*} 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.



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Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
2622.6	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 05						501354	
Lab ID	0501354-020B							
Client ID	SB-4							
Matrix		Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0	
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5	
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5	
Bromochloromethane	ND	1.0	0.5	Bromodichioromethane	ND	1.0	0.5	
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5	
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0	
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5	
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5	
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5	
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0	
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5	
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5	
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5	
1.2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5	
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5	
1.4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5	
1.1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0_	0.5	
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5	
1.3-Dichloropropage	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5	
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5	
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5	
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5	
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5	
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5	
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5	
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5	
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5	
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5	
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5	
Toluene	1.2	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5	
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5	
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5	
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND .	1.0	0.5	
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5	
Vinyl Chloride	ND	1.0	0.5	Xylenes	1.2	1.0	0.5	
		Su	rrogate R	ecoveries (%)				
%\$\$1:	10:	2		%SS2:	10	2		
%SS3:	90							

* 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 surrogate coelutes with another peak.



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Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Work Order: 0501354 Analytical Method: SW8260B Extraction Method: SW5030B

Lab ID				0501354-021B								
Client ID				SB-5								
Matrix	Water											
Сотроила	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit					
Acetone	6.7	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0					
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5					
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5					
Bromochloromethane	ND	1.0	0,5	Bromodichloromethane	ND	1.0	0.5					
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5					
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0					
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5					
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5					
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5					
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0					
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5					
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5					
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5					
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5					
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5					
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5					
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1,0	0.5					
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5					
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5					
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5					
I,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5					
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5					
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5					
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5					
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND ND	1.0	0.5					
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5					
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5					
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0,5					
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5					
Styrene	ND	1,0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5					
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	1.7	1.0	0.5					
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5					
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5					
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5					
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5					
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5					
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0,5					
		Su	rrogate R	ecoveries (%)								
%SS1:	10			%SS2:	10	3						
%SS3:	88											

		ecoveries (70)	
%SS1:	103	%SS2:	103
%SS3:	88		

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

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

^{*} 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.



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Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
2620 Caral Assessed	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Work Order: 0501354

Extraction Method: SW5030B		An	alytical Met	hod: SW8260B	Work	Order: 0	501354					
Lab ID				0501354-022B								
Client ID				SB-6								
Matrix	Water											
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit					
Acetone	12	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0					
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5					
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5					
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5					
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5					
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0					
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5					
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5					
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5					
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0					
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5					
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5					
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5					
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5					
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5					
1.4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5					
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1,0	0.5					
1.1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5					
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5					
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5					
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5					
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5					
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5					
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5					
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5					
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5					
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5					
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5					
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5					
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5					
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5					
Toluene	1.9	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5					
1.2.4-Trichlorobenzene	ND	1.0	0.5	1.1.1-Trichloroethane	ND	1.0	0.5					
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5					
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5					
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5					
Vinyl Chloride	ND	1.0	0.5	Xylenes	1.5	1.0	0.5					
		Sur	rogate R	ecoveries (%)								
%SS1:	10:	3		%SS2:	10:	2						
%SS3:	87	!										
Comments: i												

* water and vapor samples are reported in µg/L, soit/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 surrogate coelutes with another peak.



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

Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
2600.6	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/27/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/27/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 0501354												
Lab ID	0501354-023B												
Client ID		SB-7											
Matrix		Water											
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit						
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0						
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5						
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5						
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5						
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5						
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0						
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5						
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5						
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5						
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0						
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5						
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5						
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5						
1.2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5						
1,2-Dichlorobenzene	ND	1.0	0.5	1.3-Dichlorobenzene	ND	1.0	0.5						
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5						
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5						
1,1-Dichloroethene	ND	1.0	0.5	cis-1.2-Dichloroethene	ND	1.0	0.5						
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5						
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5						
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5						
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5						
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5						
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5						
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5						
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5						
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5						
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5						
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5						
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5						
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5						
Toluene	1.9	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5						
1.2.4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5						
1.1.2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5						
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5						
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5						
Vinyl Chloride	ND	1.0	0,5	Xylenes	1.3	1.0	0.5						
		Sui	rrogate R	ecoveries (%)									
%SS1:	10	1		%SS2:	10	2							
%SS3:	89												
Comments: i	1 2												

* 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 surrogate coelutes with another peak.



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

Northgate Environmental Manage	Client Project ID: #1057.07; Video	Date Sampled: 01/25/05
0.000.00	Maniacs	Date Received: 01/26/05
3629 Grand Avenue	Client Contact: Sarah McQuillen Tran	Date Extracted: 01/28/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 01/28/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B	Analytical Method: SW8260B	Work Order: 0501354
Lab ID	0501354-024B	

Lab ID	Lab ID 0501354-024B							
Client ID				SB-8				
Matrix		Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acetone	16	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0	
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5	
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5	
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5	
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5	
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0	
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5	
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5	
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5	
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND .	1.0	1.0	
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5	
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5	
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5	
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5	
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5	
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5	
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5	
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5	
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5	
1,1-Dichloropropene	ND	1,0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5	
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5	
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5	
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5	
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5	
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5	
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5	
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5	
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5	
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	3.9	1.0	0.5	
Toluene	0.68	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5	
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5	
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	0.84	1.0	0.5	
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5	
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5	
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5	
		Sur	rogate R	ecoveries (%)				
%SS1:	10			%SS2:	10	2		
4/000								

88 %SS3:

Comments: i

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

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

^{*} 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.

northgate

3629 Grand Ave Oakland CA 94610 Telephone: (510) 839 0688

BORING NUMBER SB-1

environmental management, inc. Fax: (510) 839 4350 PROJECT NAME Video Manics PROJECT NUMBER 1057.07 PROJECT LOCATION Alameda, California DATE STARTED 1/25/05 **GROUND ELEVATION 10.90 ft** HOLE SIZE COMPLETED 1/25/05 AT TIME OF DRILLING -DRILLING CONTRACTOR Vironex **GROUND WATER LEVELS:** AT END OF DRILLING --**DRILLING METHOD** Geoprobe AFTER DRILLING _-_ LOGGED BY SMT CHECKED BY DML SURFACE CONDITIONS: NOTES: GRAPHIC PID (ppm) DEPTH (ft) WELL DIAGRAM MATERIAL DESCRIPTION CONCRETE 4" SAND (SP), medium dense, moist, brown, no odor, medium-SB-1-2.0 2.5 SAND (SP), medium dense, moist, light brown, no odor, sand is fine to medium coarse, some lenses of clayey sand SB-1-5.5 grout backfill changes from medium dense to dense SB-1-8.5 10.0 SAND (SP), medium dense to dense, saturated, light brown, no odor, medium- fine sand SB-1-11.5 Bottom of borehole at 12.0 feet.

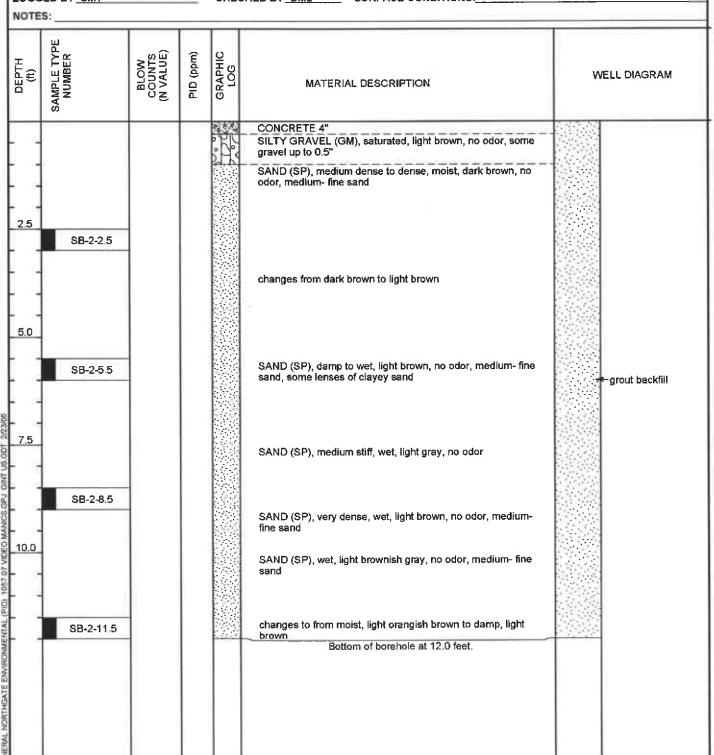
northgate

3629 Grand Ave Oakland CA 94610

Telephone: (510) 839 0688

BORING NUMBER SB-2

Fax: (510) 839 4350 environmental management, inc. PROJECT NAME Video Manics PROJECT NUMBER 1057.07 PROJECT LOCATION Alameda, California DATE STARTED 1/25/05 COMPLETED 1/25/05 GROUND ELEVATION 10.78 ft HOLE SIZE **GROUND WATER LEVELS:** AT TIME OF DRILLING :--DRILLING CONTRACTOR Vironex **DRILLING METHOD** Geoprobe AFTER DRILLING _-_ AT END OF DRILLING — SURFACE CONDITIONS: LOGGED BY SMT CHECKED BY DML NOTES:



Gnorthgate

3629 Grand Ave Oakland CA 94610 Telephone: (510) 839 0688 **BORING NUMBER SB-3**

PAGE 1 OF 1

environmental management, inc. Fax: (510) 839 4350 PROJECT NAME Video Manics PROJECT NUMBER 1057 07 PROJECT LOCATION Alameda, California DATE STARTED 1/25/05 COMPLETED 1/25/05 GROUND ELEVATION 10.95 ft HOLE SIZE DRILLING CONTRACTOR Vironex **GROUND WATER LEVELS:** AT TIME OF DRILLING --DRILLING METHOD Geoprobe AFTER DRILLING ---AT END OF DRILLING ___ LOGGED BY SMT CHECKED BY DML SURFACE CONDITIONS: NOTES: SAMPLE TYPE NUMBER GRAPHIC LOG PID (ppm) DEPTH (ft) WELL DIAGRAM MATERIAL DESCRIPTION ASPHALT 4" SILTY GRAVEL (GM), loose, saturated, brown, no odor, some gravel up to 0.25° SAND (SP), medium dense to dense, moist, brown, no odor, medium- fine sand 2.5 SB-3-2.5 SAND (SP), moist to damp, light orangish brown, no odor, medium- fine sand, some lenses of clayey sand 5.0 SB-3-5.5 grout backfill SB-3-8.5 10.0 SB-3-11.5 Bottom of borehole at 12.0 feet.

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BORING NUMBER SB-4
PAGE 1 OF 1

		57.07				PROJECT LOCATION Alameda, Cali	
						GROUND ELEVATION 10.96 ft	
						GROUND WATER LEVELS:	
	ING METHOD Ge				KED BY DMI	-/	
	ED BT <u>SM1</u>					SURFACE CONDITIONS:	
(£)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG	MATER	RIAL DESCRIPTION	WELL DIAGRA
+					ASPHALT 4"	e, moist to damp, brown, no odor, medium	
5	SB-4-2.5 SB-4-5.5				SAND (SP), dens	e, moist, orangish brown, no odor, mediur enses of clayey sand	n- grout backf
5	SB-4-8.5				SAND (SP), very fine sand, some le	dense, wet, light brown, no odor, mediumenses of clayey sand	
0.0	SB-4-11.5	_			SAND (SP), very fine sand	dense, wet, light brown, no odor, medium	-
		1	1		Bo	ottom of borehole at 12.0 feet.	

BORING NUMBER SB-5 northgate 3629 Grand Ave Oakland CA 94610 Telephone: (510) 839 0688 Fax: (510) 839 4350 environmental management, inc. PROJECT NAME Video Manics PROJECT NUMBER 1057 07 PROJECT LOCATION Alameda, California DATE STARTED 1/25/05 COMPLETED 1/25/05 GROUND ELEVATION 10.81 ft HOLE SIZE **GROUND WATER LEVELS:** AT TIME OF DRILLING DRILLING CONTRACTOR Vironex DRILLING METHOD Geoprobe AFTER DRILLING ---AT END OF DRILLING --LOGGED BY SMT CHECKED BY DML SURFACE CONDITIONS: NOTES: SAMPLE TYPE NUMBER GRAPHIC PID (ppm) DEPTH (ft) WELL DIAGRAM MATERIAL DESCRIPTION PLANTER 4" SILTY SAND (SM), loose, moist, black, no odor, some fine organic material, brick fragments SAND (SP), dense, moist, brown, no odor, medlum- fine sand 2.5 SB-5-2.5 SAND (SP), medium dense, moist, light brown, no odor, medium- fine sand, some lenses of clayey sand 5.0 SB-5-5.5 grout backfill SAND (SP), loose to medium dense, wet, light brown, no odor, medium- fine sand, some lenses of clayey sand

Bottom of borehole at 12.0 feet.

7.5

10.0

SB-5-8.5

SB-5-9.5

northgate

3629 Grand Ave Oakland CA 94610 Telephone: (510) 839 0688 **BORING NUMBER SB-6**

PAGE 1 OF

Fax: (510) 839 4350 environmental management, inc. PROJECT NAME Video Manics PROJECT NUMBER 1057.07 PROJECT LOCATION Alameda, California DATE STARTED 1/25/05 COMPLETED 1/25/05 GROUND ELEVATION 10,83 ft **HOLE SIZE** AT TIME OF DRILLING -**DRILLING CONTRACTOR Vironex GROUND WATER LEVELS: DRILLING METHOD** Geoprobe AFTER DRILLING _---AT END OF DRILLING .-LOGGED BY SMT CHECKED BY DML SURFACE CONDITIONS:_ NOTES: SAMPLE TYPE NUMBER РІО (ррт) GRAPHIC DEPTH (ft) WELL DIAGRAM MATERIAL DESCRIPTION SAND (SP), medium dense, moist, brown, no odor, mediumfine sand 2.5 SB-6-2.5 changes from brown to light brown 5.0 SB-6-5.5 SAND (SP), damp, light brown, no odor, medium- fine sand, some lenses of clayey sand 7.5 grout backfill SB-6-8.5 changes from damp to wet 10.0 SB-6-11.5 SAND (SP), dense, wet, light brown, no odor, medium-fine 12.5 sand SB-6-13.5

Gnorthgate 3629 Grand Ave Oakland CA 94610 Telepho CA 1350

BORING NUMBER SB-7
PAGE 1 OF 1

	environmer	ntal man	agen	nent, i	nc. Fax: (510) 839	4350					
PROJE	ECT NAME_Video	Manles									
PROJE	ECT NUMBER 10	57.07				PROJECT LOCATION Alameda, Califor	nia				
DATE	STARTED_1/25/0	5		COMP	'LETED 1/25/05	GROUND ELEVATION 10.75 ft					
DRILL	ING CONTRACTO	R Vironex				GROUND WATER LEVELS:	AT TIME OF DRILLING				
DRILL	ING METHOD Ge	oprobe				AFTER DRILLING	AT END OF	DRILLING			
LOGG	ED BY SMT	04110-0-1-1-		CHEC		SURFACE CONDITIONS:					
NOTE	s:										
DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG		AL DESCRIPTION damp, brown, no odor, soem gravel up to		ÆLL DIAGRAM			
			1		0.25"						
5.0	\$B-7-2.5				SAND (SP), medium medium- fine sand	n dense to dense, damp, brown, no odor,		e-grout backfill			
	SB-7-8.5										
10.0											
10.0			1								
	SB-7-10.5	1		188							
		1									
- : :											
12.5				17.5	OANE (SE)		11.	(
					SAND (SP), dense,	, wet, brown, no odor, medium- fine sand					
			1								
	SB-7-13.5]	1								
		1	1				1117				
		1	1								

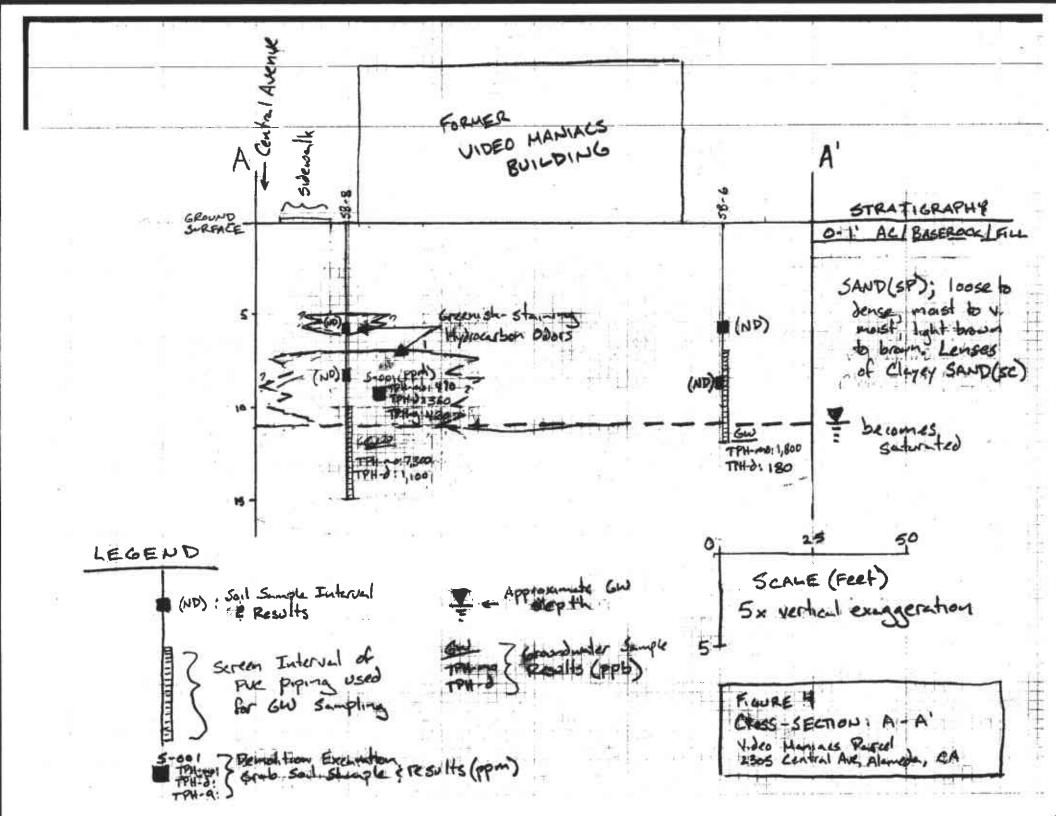
northgate

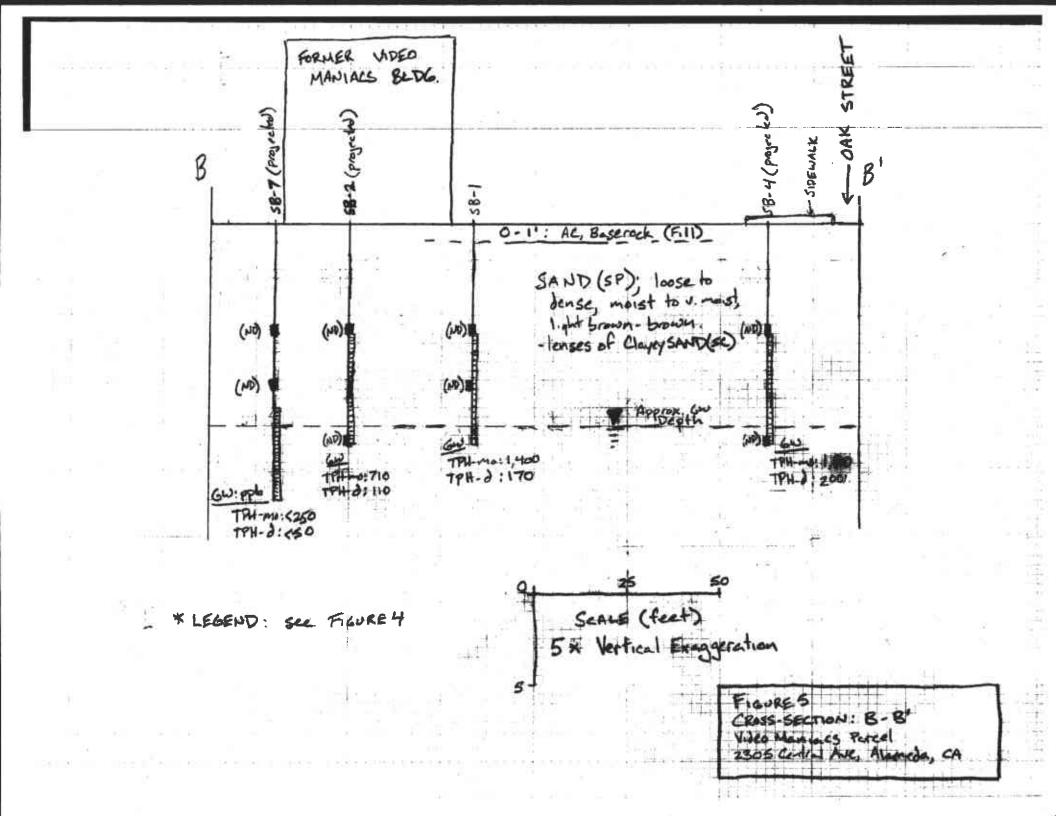
3629 Grand Ave Oakland CA 94610 Telephone: (510) 839 0688 Fax: (510) 839 4350

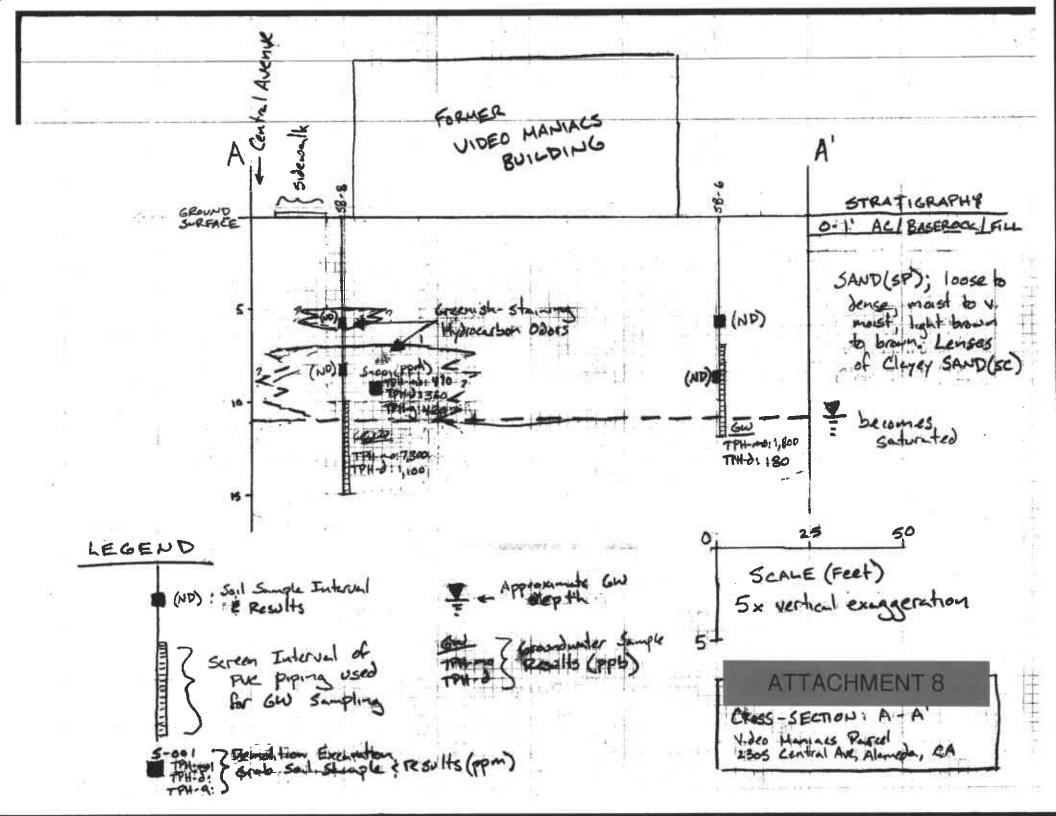
BORING NUMBER SB-8
PAGE 1 OF 1

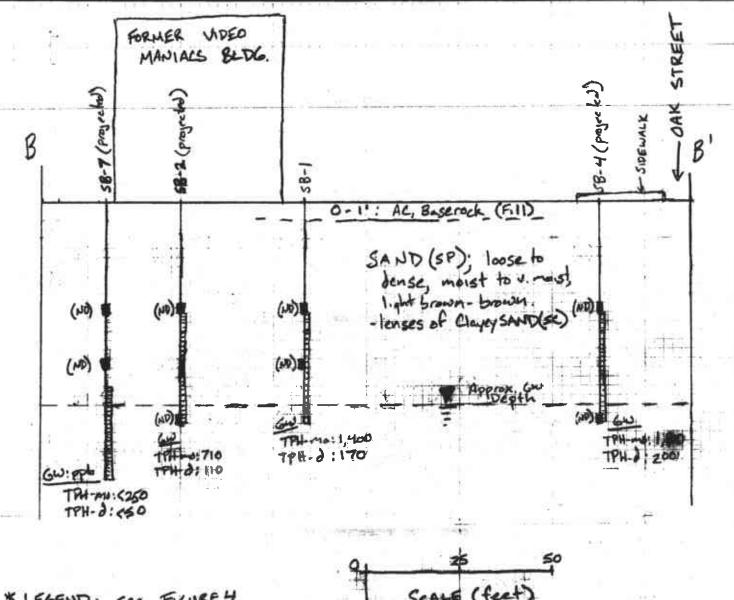
<i>environn</i> PROJECT NAME <u>Vi</u>		agen	nent, i	nc. Fax: (510) 83	9 4350	
PROJECT NUMBER					PROJECT LOCATION Alameda, Califo	ornia
DATE STARTED 1/2			COMP	LETED 1/25/05	GROUND ELEVATION 10.76 ft	
DRILLING CONTRAC					GROUND WATER LEVELS:	AT TIME OF DRILLING —
DRILLING METHOD					AFTER DRILLING	AT END OF DRILLING
LOGGED BY SMT			CHEC	KED BY DML	SURFACE CONDITIONS:	
NOTES:						
		1	П			
DEPTH (ft) SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	PID (ppm)	GRAPHIC LOG		IAL DESCRIPTION	WELL DIAGRAM
2.5 SB-8-2.5				PLANTER 4" SAND (SP), mediu odor, medium-fine	im dense to dense, moist, dark brown, no sand	
5.0 SB-8-5.5					e, damp, greenish brown, strong hydrocab e sand, some lenses of clayey sand	
7.5				SAND (SP), dense	e, wet, brown, no odor, medium-fine sand	grout backfill
SB-8-8.0				*		
12.5						
15.0						

Bottom of borehole at 15.0 feet.









* LEGEND : SEE FIGURE 4

Sease (feet)
5 x Vertical Exaggeration