

Khatri, Paresh, Env. Health

From: Khatri, Paresh, Env. Health
Sent: Thursday, September 02, 2010 5:20 PM
To: 'Cleet Carlton'
Cc: Cassa, Mary Rose; Drogos, Donna, Env. Health
Subject: RE: LUFT Case at 6335 Scarlett Court, Dublin; T06019775767
Attachments: RO0002883_APN.pdf; RO0002883_APN_Busick-Gearing.pdf; RO0002883_SiteMap.JPG; BG 01S0505 GW Inv Rpt 7-30-07_MWConstructionTable.pdf; RO0002883_UST Removal_TablesFigures.pdf; GW Plume Figure_GW Inv Rpt 7-30-07.pdf; UST_MW Locations_GW Inv Rpt 7-30-07.pdf

Hello Cleet,

The following is a brief summary of ACEH RO0002883 (GeoTracker Global ID: T06019775767). According to ARCADIS, one 1,000-gallon and two 500-gallon USTs were installed at the site in the 1960s to store gasoline. In April 2005, the USTs were removed from the site and sheen was observed on the groundwater surface. Soil sample analytical results detected TPH-g, TPH-d, and benzene at concentrations of 760 mg/kg, 140 mg/kg, and 2.0 mg/kg, respectively. Groundwater sample analytical results detected TPH-g, TPH-d, and benzene at concentrations of 5,200 µg/L, 1,600 µg/L, and 44 µg/L, respectively. However, it was noted by the laboratory that "sample exhibits chromatographic pattern which does not resemble standard."

The former USTs were located south of Building 1, which is currently owned by Northern California Heat Pump Inc., and is located south (down-gradient) of the sump located at Building 2 at the Busick Gearing property (GeoTracker Global ID SL20256874).

Based on a cursory review of your case, it appears that there are several groundwater monitoring wells installed at the Northern California Heat Pump property in response to site assessment activities conducted for the release at the Busick Gearing Property. In particular, monitoring wells MW-6S, MW-8S, and MW-9S, screened from 5 to 15 feet bgs, appear to be located down and cross-gradient of the former USTs and may be appropriately screened to assess potential hydrocarbon contamination in the shallow water-bearing zone.

Although a different RP, Northern California Heat Pump, is named Responsible Party for the LUFT case, it may be advantageous for one Agency to conduct oversight for both sites given that, 1) the plumes appear comingled since the USTs are located approximately 200 feet down-gradient of the solvent release and the hydrocarbon contamination was verified during the UST removals; 2) Regional Board is overseeing a case in which the RP has installed several down-gradient monitoring points in the vicinity of the former USTs; and 3) the consultant for both RPs is ARCADIS.

Thank you for your cooperation in this matter. I look forward to hearing from you soon.

Sincerely,

Paresh C. Khatri
Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway

Alameda, CA 94502-6577

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<http://www.acgov.org/aceh/lop/lop.htm>

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From: Cleet Carlton [mailto:CCarlton@waterboards.ca.gov]
Sent: Monday, August 30, 2010 10:01 AM
To: Khatri, Paresh, Env. Health
Cc: Cassa, Mary Rose; Drogos, Donna, Env. Health
Subject: Re: LUFT Case at 6335 Scarlett Court, Dublin; T06019775767

Hi Paresh,

This is certainly one possibility. We would need to look at a couple things first. 1) if the UST involved lies within the VOC plume related to the SCP case and 2) whether the cleanup activities that are (or would be) associated with it overlap with those needed for the VOC plume (or if they need to be coordinated). If the answer is yes to either, then it would make more sense for us to take the case OR close the LUST case and include the cleanup in the SPC case. If the answer is no, then it may not be a problem to keep them separate and just keep each other appraised.

How does this sound to you?

Cleet

Cleet Carlton, P.G.
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612
(510) 622-2374

>>> "Khatri, Paresh, Env. Health" <paresh.khatri@acgov.org> 8/27/2010 2:36 PM >>>
Hello Cleet,

Alameda County LOP has an open LUFT case at 6335 Scarlett Court in Dublin (GeoTracker Global ID: T06019775767) that I am currently overseeing. The RWQCB has a case located at 6341 Scarlett Court that you are currently overseeing (GeoTracker Global ID SL20256874). The two sites are located essential at the same property. Since site investigation/remediation has been ongoing at your site, including in the vicinity of the former USTs, it may make more sense for the Regional Board assume oversight of the LUFT case as well.

Would it be difficult for your to incorporate the LUST case to your existing case? Please let me know your thought on this.

Sincerely,

Paresh C. Khatri

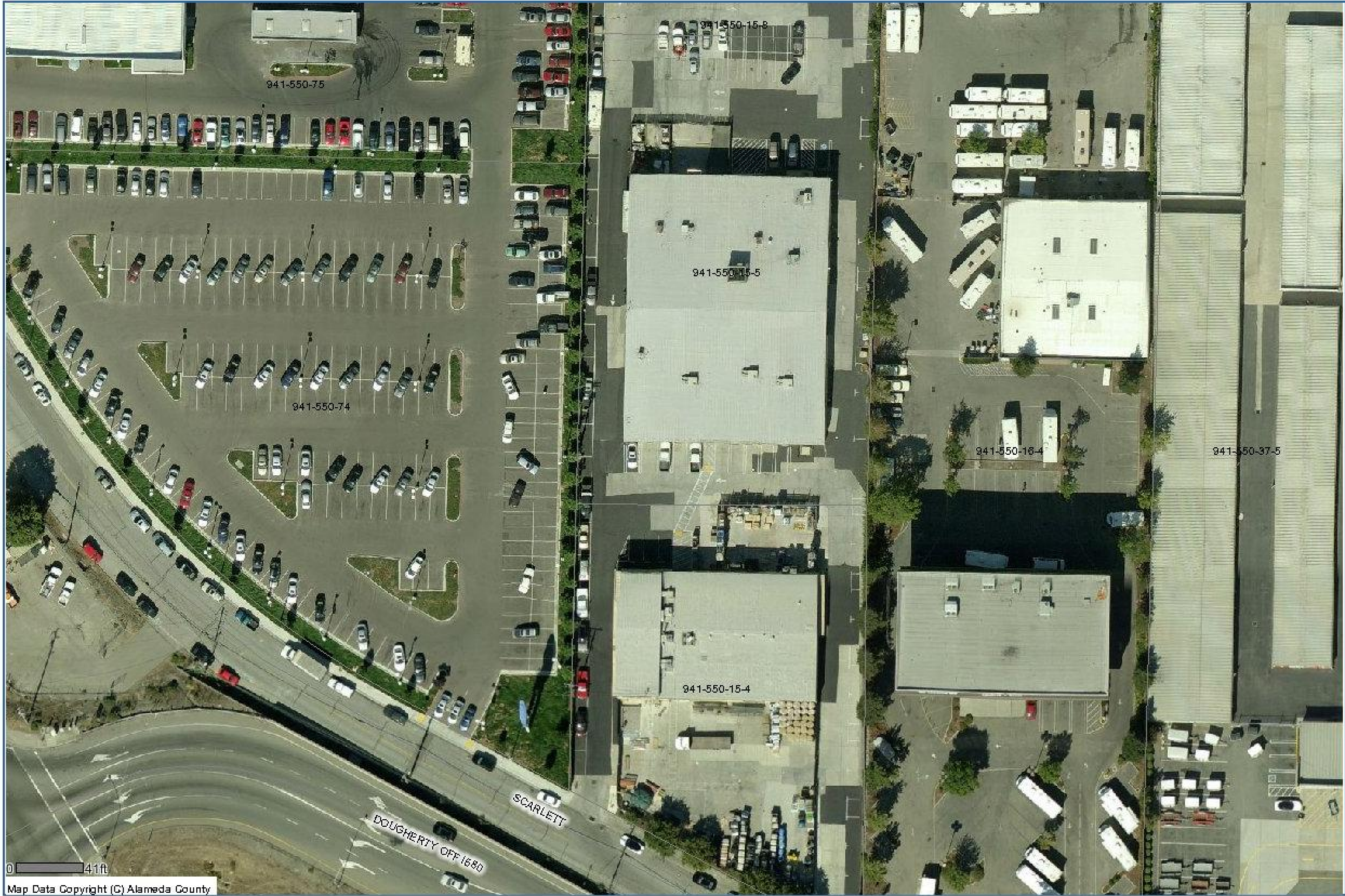
Hazardous Materials Specialist
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941-550-75

941-550-15-8

941-550-15-5

941-550-74

941-550-15-4

941-550-16-4

941-550-37-5

DOUGHERTY OFF 1680

SCARLETT

0 41ft

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Glossary

Parcel Number: **941-550-15-5** Inactive: **N** Lien Date: **01/01/2010** Owner: **BUSICK-GEARING PROPERTIES LLC**
 Property Address: **6341 SCARLETT CT, DUBLIN, CA 94568-3149**

[Parcel History](#)

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
BUSICK-GEARING PROPERTIES LLC	List Owners	7440 AMARILLO RD , DUBLIN, CA 94568-2222	11/20/2003	2003-688392		1	4200
GEARING ELDON E & BUSICK LESLIE P	List Owners	7440 AMARILLO RD , DUBLIN, CA 94568-2222	04/24/1964	AW-65480		2	4200

All information on this site is to be assumed accurate for property assessment purposes only, and is based upon the Assessor's knowledge of each property. Caution is advised for use other than its intended purpose.

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Glossary

Parcel Number:**941-550-15-4** Inactive:N Lien Date:**01/01/2010** Owner:**NORTHERN CALIFORNIA HEAT PUMP INC**

Property Address: **6331 SCARLETT CT, DUBLIN, CA 94568**

Mailing Name	Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
NORTHERN CALIFORNIA HEAT PUMP INC	List Owners 7440 AMARILLO RD , DUBLIN, CA 94568-2222	04/09/1969	1969-38784		1	4200

All information on this site is to be assumed accurate for property assessment purposes only, and is based upon the Assessor's knowledge of each property. Caution is advised for use other than its intended purpose.

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TABLE 1
SOIL AND WATER ANALYTICAL RESULTS
 Northern California Heat Pump
 6335 Scarlett Court
 Dublin, California
 Underground Storage Tank Closure Report

Soil Sample Number Sample Date Sample Depth (ft bgs) Type	ANALYTE	EPA Method	ESL in mg/kg Soil	Soil				Water	
				West Wall #2.6FT 4/27/05 6 Soil	North Wall #5FT 4/27/05 5 Soil	North Wall #2.6FT 4/27/05 6 Soil	East Wall 6FT 4/27/05 6 Soil	ESL in µg/L Water	Water 1 4/27/05 7 Water
TPHg (C7-C12)		8015B	100	ND	ND	760	ND	100	5,200
Benzene		8021B	0.044	ND	ND	2.0	ND	1.0	44
Toluene		8021B	2.9	ND	0.0015	7.4	ND	40	170
Ethylbenzene		8021B	3.3	1.2	ND	8.7	ND	30	100
Total Xylenes*		8021B	2.3	0.19 C	0.0013	40	ND	20	500
TPHd (C10-C24)		8015B	100	3.5 L Y	1.1 Y	140 L Y	ND	100	1,600 L Y
tert-Butyl Alcohol (TBA)		8260B	0.073	ND	ND	ND	ND	12	ND
Methyl tert-Butyl Ether (MTBE)		8260B	0.023	ND	ND	ND	ND	5	ND
Isopropyl Ether (DIPE)		8260B	NA	ND	ND	ND	ND	NA	ND
Ethyl tert-Butyl Ether (ETBE)		8260B	NA	ND	ND	ND	ND	NA	ND
Methyl tert-Amyl Ether (TAME)		8260B	NA	ND	ND	ND	ND	NA	ND
Total Lead		6010B	750	7.8	6.0	7.5	6.8	2.5	100
Organic Lead		DHS LUFT	NA	ND	ND	ND	ND	NA	ND

Footnotes:

ESL = California Regional Water Quality Control Board Environmental Screening Level for Shallow Soils - Water is a Current or Potential Source of Drinking Water

Bold type indicates an exceedance of the ESL

mg/kg = milligrams per kilogram

µg/L = micrograms per liter

* = Sum of m,p-Xylenes and o-Xylene

TPHg = Total Petroleum Hydrocarbons as gasoline

TPHd = Total Petroleum Hydrocarbons as diesel

NA = Not Available

ND = Not detected at the laboratory detection limit.

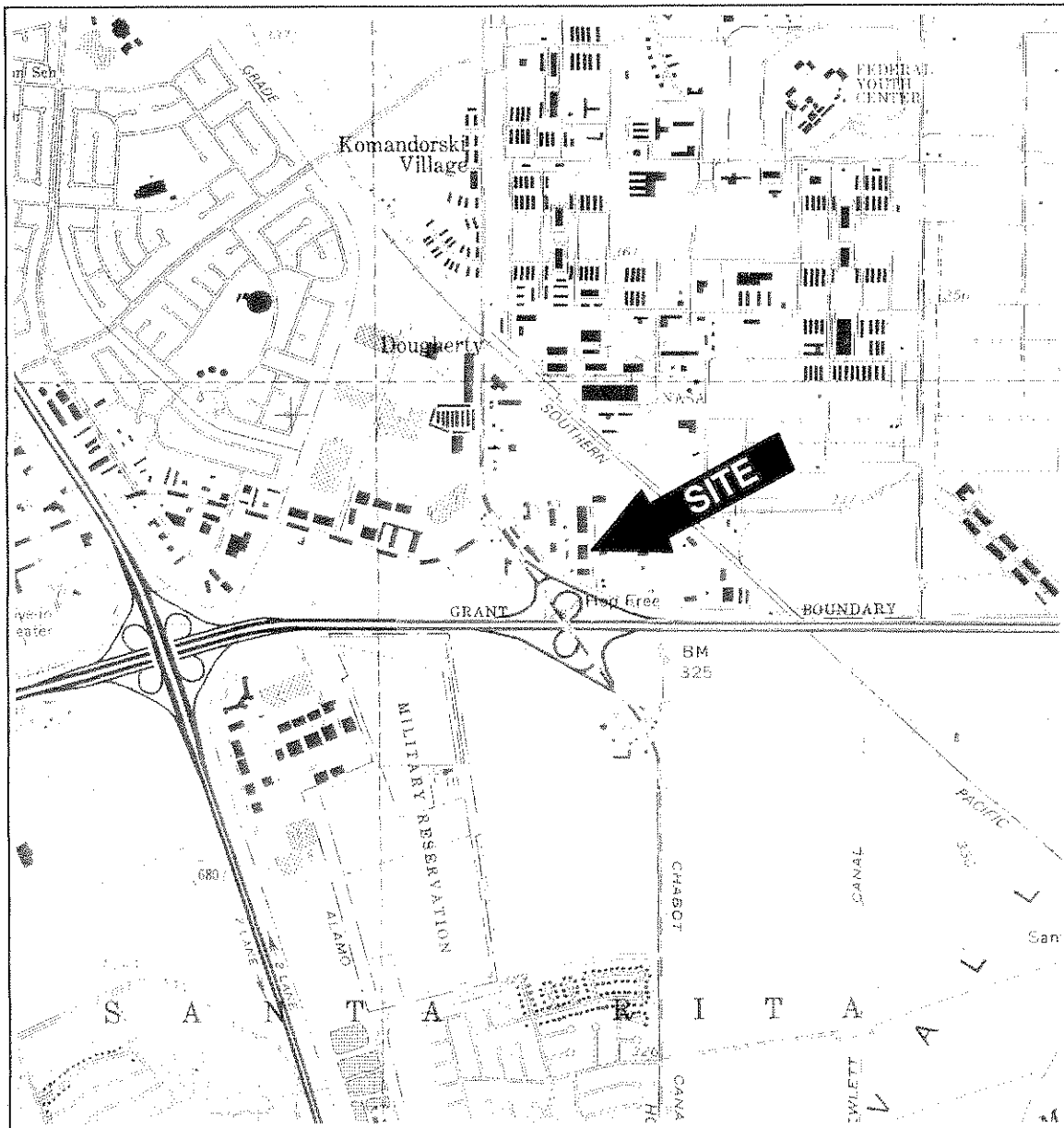
ft bgs = feet below ground surface

C = Presence confirmed, but recovery percent difference (RPD) between columns exceeds 40%.

H = Heavier hydrocarbons contributed to the quantitation.

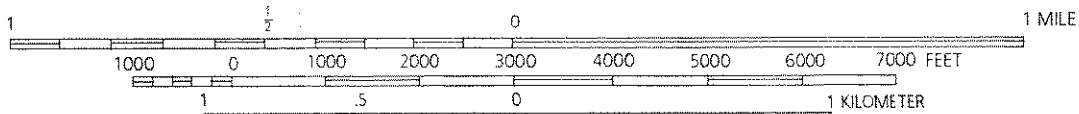
L = Lighter hydrocarbons contributed to the quantitation.

Y = Sample exhibits chromatographic pattern which does not resemble standard.

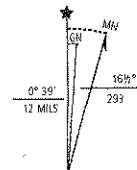


CONTOUR INTERVAL 40 FEET

SCALE 1:24000



QUADRANGLE LOCATION



UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Reference: U.S.G.S. 7.5-minute Quadrangle, Dublin, California, 1961 photorevised 1980.

Project Director PETERS	Area Manager PETERS
Task Manager GOMES	Technical Review GOMES
Drawing Date 18 JUL 05	Drawn By CHU



ARCADIS G&M, Inc.
1050 Marina Way South
Richmond, CA 94804
Tel: 510-233-3200 Fax: 510-233-3204
www.arcadis-us.com

SITE LOCATION MAP
NORTHERN CALIFORNIA HEAT PUMP, INC.
6335 SCARLETT COURT
DUBLIN, CALIFORNIA

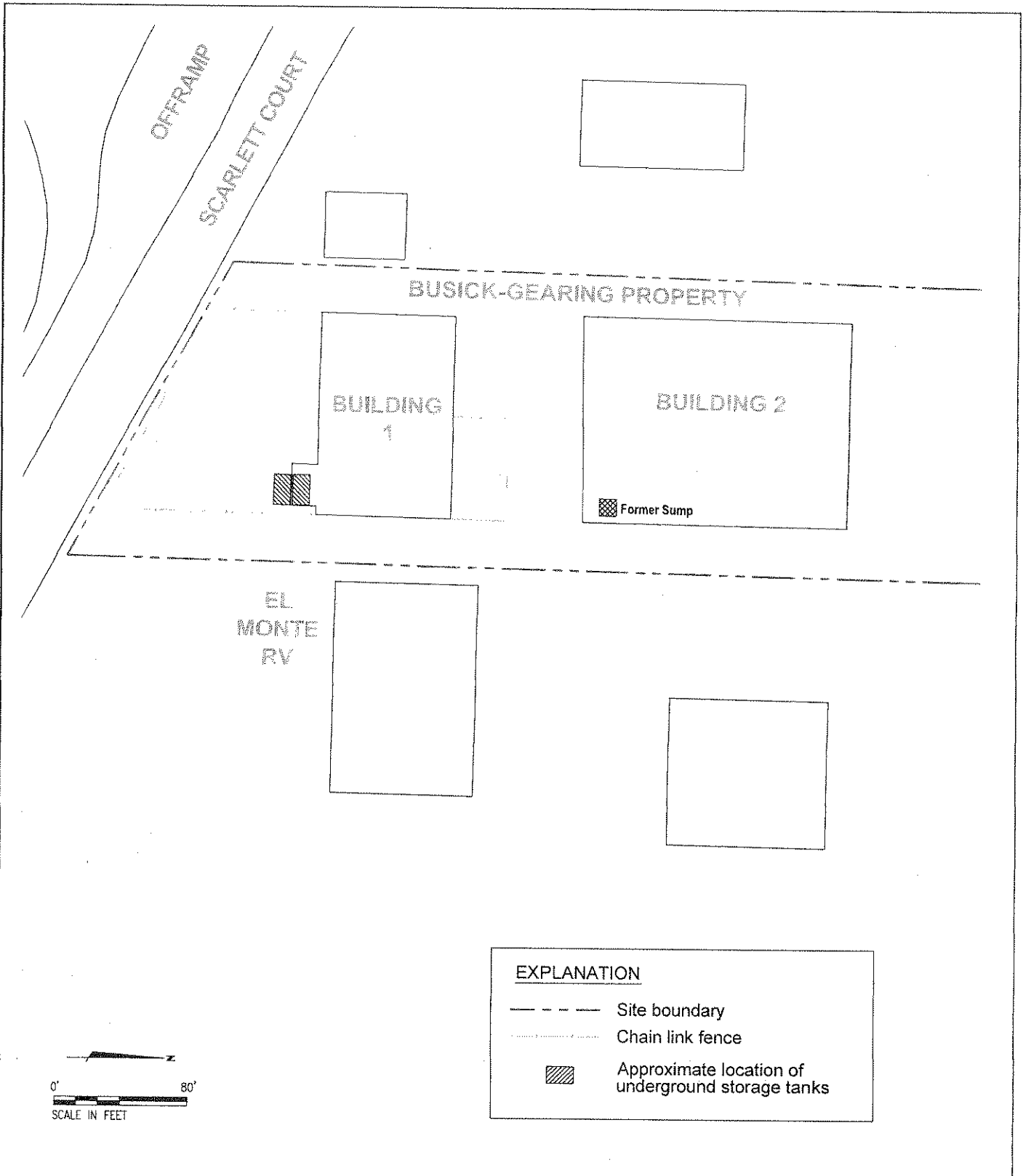
Project Number
RC000670

Figure
1


Date/Time: Fri, 15 Jul 2005 - 12:29pm Path: \\naema\c\Projects-Active\Buck-Gearing\Reports\AUST Memorial Rpt 06-08\Program 1_L_SJM.dwg

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
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 Acad Version : R16.1s (LMS Tech)
 User Name : mchiu
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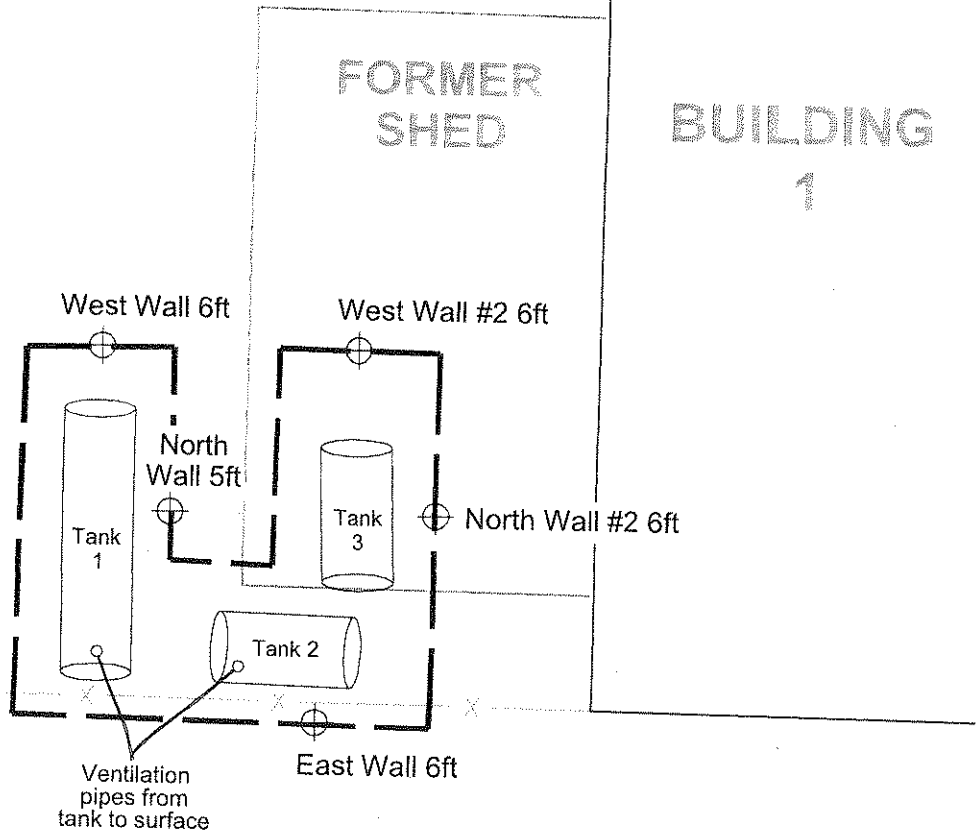
Reference: Monitoring well field survey conducted on 9 November 04.

Project Director PETERS	Area Manager PETERS	 ARCADIS ARCADIS G&M, Inc. 1050 Marina Way South Richmond, CA 94804 Tel: 510-233-3200 Fax: 510-233-3204 www.arcadis-us.com	SITE LAYOUT NORTHERN CALIFORNIA HEAT PUMP, INC. 6335 SCARLETT COURT DUBLIN, CALIFORNIA	Project Number RC000670
Task Manager GOMES	Technical Review GOMES		Figure 2	
Drawing Date 19MAY05	Drawn By CHIU			

EXPLANATION

-  Chain link fence
-  Former shed boundary
-  Excavated area
-  North Wall
-  Sample location

Tank 1 was a 1,000-gallon capacity tank.
Tanks 2 and 3 were 500-gallon capacity tanks.



Date/Time : Fri, 15 Jul 2005 - 5:09pm
Path/Name : G:\Projects-- Active\Busck--Georing\Reports\UST Removal Rpt. 06-05\Fig3.dwg

Arcad Version : R16.1s (LMS Tech)
User Name : mchui

Project Director	Area Manager
PETERS	PETERS
Task Manager	Technical Review
GOMES	GOMES
Drawing Date	Drawn By
19MAY05	CHIU

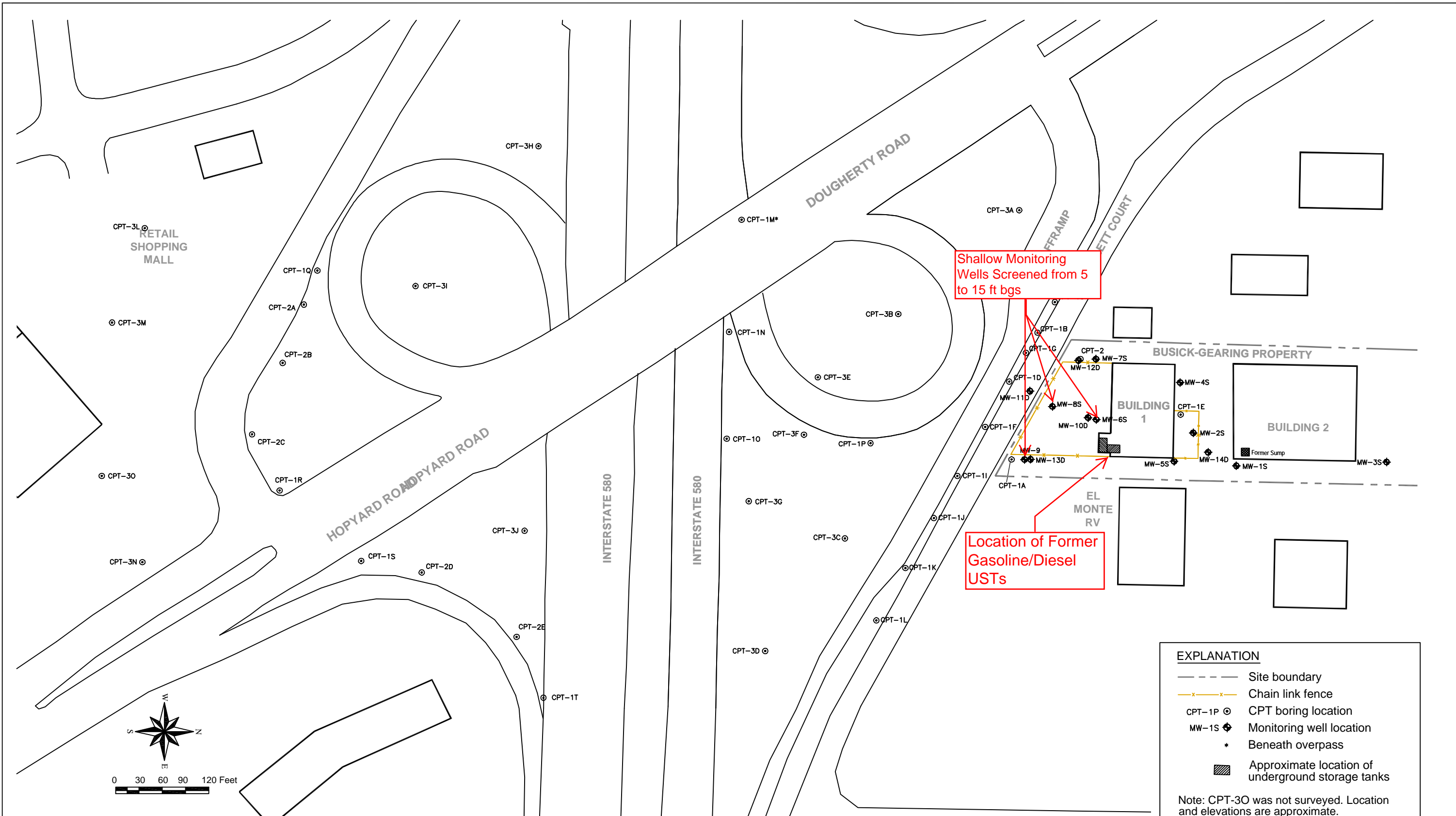


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EXCAVATION LAYOUT
NORTHERN CALIFORNIA HEAT PUMP, INC.
6335 SCARLETT COURT
DUBLIN, CALIFORNIA

Project Number
RC000670
Figure
3

Acad Version : R17.0s (LMS Tech)
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 Current Plotstyle : BColor
 Layout Tab: Layout1



Reference: Monitoring well field survey conducted on 9 November 04.

EXPLANATION

- Site boundary
- x-x- Chain link fence
- CPT-1P ⊙ CPT boring location
- MW-1S ⊕ Monitoring well location
- * Beneath overpass
- ▨ Approximate location of underground storage tanks

Note: CPT-30 was not surveyed. Location and elevations are approximate.

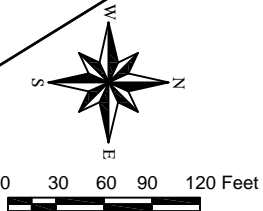
Project Director	Area Manager
J. JOHNSEN	J. PETERS
Task Manager	Technical Review
H. PHILLIPS	B. ENGARD
Drawing Date	Drawn By
1 JUL 07	M. CHIU

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SITE PLAN WITH MONITORING WELL AND CPT LOCATIONS
GROUNDWATER INVESTIGATION SUMMARY REPORT
 6341 SCARLETT COURT
 BUSICK GEARING PROPERTY
 DUBLIN, CALIFORNIA

Project Number
RC000670.0005
Figure
3

Acad Version : R17.0s (LMS Tech) Date/Time : Fri, 20 Jul 2007 12:55pm Current Plotsyle : ByDefault Tab: TCE
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 User Name : mchiu



LEGEND

- ◆ Monitoring well location
- ⊙ CPT boring location
- - - Site boundary
- x-x- Chain link fence

MW-5S	Monitoring Well Sample ID
6/2/05 <0.5	Sample Date/TCE Concentration

CPT-3C	CPT Sample ID
5/18/07 42-46 100	Sample Date/Depth/TCE Concentration

- * Not used to contour
- ** Beneath overpass

Notes:
 1. TCE concentrations in micrograms per liter (µg/L).
 2. Plume delineation relied more on recent data than historical data.
 3. CPT-3O was not surveyed. Location and elevations are approximate.

Reference: Monitoring well field survey conducted on 9 November 04.

<p>Project Director J. JOHNSEN</p> <p>Task Manager H. PHILLIPS</p> <p>Drawing Date 1 JUL 07</p>	<p>Area Manager J. PETERS</p> <p>Technical Review B. ENGARD</p> <p>Drawn By M. CHIU</p>	<p>ARCADIS</p> <p>ARCADIS U.S., Inc. 155 Montgomery Street, Suite 1500 San Francisco, CA 94104 Tel: 415-374-2744 Fax: 415-374-2745 www.arcadis-us.com</p>	<p>TCE CONCENTRATION IN THE DEEPER GROUNDWATER ZONE WITH ESTIMATED ISOCONCENTRATION CONTOURS</p> <p>GROUNDWATER INVESTIGATION SUMMARY REPORT</p> <p>6341 SCARLETT COURT BUSICK GEARING PROPERTY DUBLIN, CALIFORNIA</p>	<p>Project Number RC000670.0005</p> <p>Figure 4</p>
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