



ENVIRONMENTAL HEALTH DEPARTMENT  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

September 3, 2010

Brad Blake  
Stockbridge/BHV Emerald Place Land Co., LLP  
c/o Blake Hunt Ventures  
390 Railroad Avenue, Suite 200  
Danville, CA 94526

Subject: Fuel Leak Case No. RO0002993 and GeoTracker Global ID T10000000822, Green on Park  
Place, 5411 Martinelli Way, Dublin, CA 94588

Dear Mr. Blake:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

#### SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual groundwater contamination consisting of 114 µg/LTPH-d remains at the site.

If you have any questions, please call Paresh Khatri at (510) 777-2478. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Donna L. Drogos', written over a white background.

Donna L. Drogos, P.E.  
Division Chief

Enclosures: 1. Remedial Action Completion Certificate  
2. Case Closure Summary

cc:

Ms. Cherie McCaulou (w/enc)  
SF- Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

Closure Unit (w/enc)  
State Water Resources Control Board  
UST Cleanup Fund  
P.O. Box 944212  
Sacramento, CA 94244-2120

Paresh Khatri (w/orig enc), D. Drogos (w/enc), T. Le-Khan (w/enc)

ALAMEDA COUNTY  
**HEALTH CARE SERVICES  
AGENCY**

ALEX BRISCOE, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH  
OFFICE OF THE DIRECTOR  
1131 HARBOR BAY PARKWAY  
ALAMEDA, CA 94502  
(510) 567-6777  
FAX (510) 337-9135

September 3, 2010

Brad Blake  
Stockbridge/BHV Emerald Place Land Co., LLP  
c/o Blake Hunt Ventures  
390 Railroad Avenue, Suite 200  
Danville, CA 94526

**REMEDIAL ACTION COMPLETION CERTIFICATE**

Subject: Fuel Leak Case No. RO0002993 and GeoTracker Global ID T10000000822, Green on Park Place, 5411 Martinelli Way, Dublin, CA 94588

Dear Mr. Blake:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ariu Levi'.

Ariu Levi  
Director  
Alameda County Environmental Health

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

**I. AGENCY INFORMATION**

Date: August 16, 2010

|  |                                       |
|--|---------------------------------------|
| Agency Name: Alameda County Environmental Health | Address: 1131 Harbor Bay Parkway      |
| City/State/Zip: Alameda, CA 94502-6577           | Phone: (510) 777-2478                 |
| Responsible Staff Person: Paresh Khatri          | Title: Hazardous Materials Specialist |

**II. CASE INFORMATION**

| Site Facility Name: Green on Park Place  |  |                         |
|--|--|-------------------------|
| Site Facility Address: 5411 Martinelli Way, Dublin, CA                               |  |                         |
| RB Case No.: NA  | StID No.: NA   | LOP Case No.: RO0002993 |
| URF Filing Date: 10/3/2008   | Global ID No.: T10000000822                          | APN: 986-33-5           |
| Responsible Parties  | Addresses  | Phone Numbers           |
| Stockbridge/BHV Emerald Place Land Co., LLP<br>Blake Hunt Ventures<br>c/o Brad Blake | 390 Railroad Avenue, Suite 200<br>Danville, CA 94526 |                         |
| ---  | ---  | ---                     |

| Tank I.D. No | Size in Gallons | Contents | Closed In Place/Removed? | Date    |
|--------------|-----------------|----------|--------------------------|---------|
| 1            | 1,100           | Fuel Oil | Removed                  | 10/2008 |
| ---          | ---             | ---      | ---                      | ---     |
| ---          | ---             | ---      | ---                      | ---     |
| ---          | ---             | ---      | ---                      | ---     |
| Piping       |                 |          | ---                      | ---     |

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

|  |   |                               |
|--|---|-------------------------------|
| Cause and Type of Release: UST was damaged during site re-development. |   |                               |
| Site characterization complete? Yes                                    | Date Approved By Oversight Agency: ---    |                               |
| Monitoring wells installed? No   | Number: ---                               | Proper screened interval? --- |
| Highest GW Depth Below Ground Surface: 14 ft (below top of casing)     | Lowest Depth: 20 ft (below top of casing) | Flow Direction: Southwest     |
| Most Sensitive Current Use: Domestic Water Supply.                     |   |                               |

|  |   |
|--|---|
| Summary of Production Wells in Vicinity: A wells survey conducted in 2008 for a Shell Station (RO0002985) located across the street at 4895 Hacienda Street (immediately east of the subject site) did not identify any water wells within a 1,000 feet. |   |
| Are drinking water wells affected? No  | Aquifer Name: Livermore Valley Groundwater Basin (Dublin Sub-basin)   |
| Is surface water affected? No  | Nearest SW Name: small south-flowing tributary to the creek is present approximately 1,500 feet 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  | 1 x 1,100-gallon       | Disposal to ECI, Richmond, CA                             | 10/2/2008 |
| Piping                                      | ---                    | ---   | ---       |
| Free Product                                | ---                    | ---   | ---       |
| Soil  | 545.29 cu yds          | Altamont Landfill & Resource Recovery Facility, Livermore | 11/2009   |
| Groundwater                                 | 9,240-gallon           | Altamont Landfill & Resource Recovery Facility, Livermore | 01/2010   |

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

| Contaminant                                    | Soil (ppm)                     |                                | Water (ppb)                              |   |
|--|--------------------------------|--------------------------------|--|---|
|  | Before                         | After                          | Before                                   | After                                     |
| TPH (Gas)                                      | 56<br>(TK SW-5, 5/12/2009)     | <1.0<br>(10/14/2009)           | 109<br>(GPP TK Exc, 10/14/09)            | <50<br>TEw Exc, 11/232009)                |
| TPH (Diesel)                                   | 520<br>(TK SW-5, 5/12/2009)    | <1.0<br>(10/14/2009)           | 42,300<br>(GPP TK Exc, 10/14/09)         | 114<br>TEw Exc, 11/232009)                |
| TPH (Motor Oil)                                | 84<br>(TK SW-5, 5/12/2009)     | <1.0<br>(10/14/2009)           | ---                                      | ---                                       |
| Benzene  | <0.005                         | <0.005                         | <0.5<br>(TK Exc, 5/12/2009)              | <0.5<br>TEw Exc, 11/232009)               |
| Toluene  | <0.005                         | <0.005                         | <0.5<br>(TK Exc, 5/12/2009)              | <0.5<br>TEw Exc, 11/232009)               |
| Ethylbenzene                                   | <0.005                         | <0.005                         | <0.5<br>(TK Exc, 5/12/2009)              | <0.5<br>TEw Exc, 11/232009)               |
| Xylenes  | <0.010                         | <0.010                         | <0.5<br>(TK Exc, 5/12/2009)              | <0.5<br>TEw Exc, 11/232009)               |
| Heavy Metals (Cd, Cr, Pb, Ni, Zn) <sup>5</sup> | 8.1<br>(TK Exc 6', 10/02/2008) | 8.1<br>(TK Exc 6', 10/02/2008) | ---                                      | ---                                       |
| MTBE   | <0.005 <sup>4</sup>            | 0.005 <sup>3</sup>             | <0.5 <sup>2</sup><br>(TK Exc, 5/12/2009) | <0.5 <sup>1</sup><br>(TEw Exc, 11/232009) |
| Other (8240/8270)                              | 2.1<br>(TK Exc 6', 10/02/2008) | <0.100                         | 84<br>(TK Exc H2O, 10/14/09)             | <2.0                                      |

<sup>1</sup> Other VOCs analyzed (groundwater µg/L after cleanup): 46 µg/L MtBE, <5 µg/L TBA, <1 µg/L DIPE, <0.5 µg/L ETBE, <5 µg/L TAME, <0.5 µg/L EDB, <0.5 µg/L 1.2-DCA; EtOH not analyzed.

<sup>2</sup> Other VOCs analyzed (groundwater ppb before cleanup): <0.5 µg/L MtBE, <0.5 µg/L TBA, <5 µg/L DIPE, <5 µg/L ETBE, <5 µg/L TAME, <5 µg/L EDB, <5 µg/L 1.2-DCA; EtOH not analyzed.

<sup>3</sup> Other VOCs (Soil mg/kg after cleanup): <0.005 mg/kg MtBE, <0.004 mg/kg TBA, <0.004 mg/kg DIPE, <0.004 mg/kg ETBE, <0.004 mg/kg TAME, <0.004 mg/kg EDB, <0.004 mg/kg 1.2-DCA; EtOH not analyzed.

<sup>4</sup> Other VOCs analyzed (Soil mg/kg before cleanup): <0.005 mg/kg MtBE, <0.048 mg/kg TBA, <0.0048 mg/kg DIPE, <0.0048 mg/kg ETBE, <0.0048 mg/kg TAME, <0.0039 mg/kg EDB, <0.005 mg/kg 1.2-DCA; EtOH not analyzed.

<sup>5</sup> Heavy Metals: <1.5 mg/kg Cd, 44 mg/kg Cr, 8.1 mg/kg Pb, 42 mg/kg Ni, 70 mg/kg Zn.

NA - Not Analyzed

**Site History and Description of Corrective Actions:**

The subject Property is a 13.57 acre parcel of land currently being redeveloped as a shopping center named the Green on Park Place (**Figure 1**). The subject Property was formerly a portion of Camp Shoemaker, a naval facility built during World War II, and reportedly contained a gatehouse, a guest reception lounge, an athletic field (Forster Field), an athletic field house and a portion of a warehouse receiving area. It is thought that the subject Property was later transferred to the County of Alameda and was a portion of the Santa Rita Correctional Facility. The previous structures on the site are thought to have been demolished in the mid 1990s.

In September 2008, during grading activities associated with redevelopment of the subject Property as a shopping center, a steel UST was discovered near the southwest corner of the subject Property, to the west of future Building 200 that will be utilized as a parking lot for the new shopping center. While it is not certain when or for what purpose the UST was installed, the UST appears to be near the location of the former guest reception lounge and is therefore thought to have been used for fuel oil to heat the former building or dispensing diesel fuel. The UST was located approximately 103 feet east of Arnold Road and 375 feet north of the southern property line. The construction equipment, grading and ripping the site, reportedly tore several holes in the top of the UST. However, no spills or leakage was noted following the incident. At the time of the incident, the UST was reportedly nearly full with a liquid with a petroleum smell. Upon hitting the UST, it is reported that the area was demarcated and no further work was done in the immediate area.

In October 2008, Ferma Corporation (Ferma) of Mountain View, California removed and disposed of the approximately 1,100-gallon UST and its contents (915 gallons) under the UST Closure Plan approved by the Alameda County Department of Environmental Health (ACDEH) CUPA on October 1, 2008. Approximately 50 to 55 cubic yards of soil was removed from the UST pit, stockpiled on plastic and covered pending disposal (**Figure 2**). Soil samples were collected from the UST pit and stockpiled soil by ADR and submitted to McCampbell Analytical, located in Pittsburg, California. The samples submitted were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and diesel (TPH-d) by EPA

Method 8015 modified, Oil & Grease (O&G) by EPA Method 9071B, 1,4-Dioxane by EPA Method 8260B, polychlorinated biphenyls (PCBs) by EPA Method 8082, volatile organic compounds (VOCs) by EPA Method 8260B, semi-VOCs (SVOCs) by EPA Method 8270C, and cadmium, chromium, lead, nickel, and zinc (LUFT 5 metals) by EPA Method 6010C. Soil sample analytical results detected TPH-d (190 milligrams per Kilogram (mg/Kg)) and 2-methylnaphthalene (1 mg/Kg) in the tank excavation at 6 feet below the floor of the excavation (approximately 12 feet below grade). Naphthalene (2.1 mg/Kg) was also detected in soil sample collected from the excavation pit. Soil sample analytical results are summarized on **Table 1**.

Based on the soil sample analytical results collected during the removal of the UST, over-excavation was conducted at the site. On May 12, 2009, ADR supervised the tank pit soil over-excavation and groundwater sampling activities. The tank pit soil was removed using an excavator owned and operated by Ferma. Soil over-excavation was conducted both laterally and vertically based on period soil screening for the presence of organic vapors using a photoionization detector (PID) as well as other indicators such as staining or odors. Soil over-excavation proceeded vertically until groundwater was encountered at a depth of approximately 21 below ground surface (bgs). Native soil was removed from the sidewalls and floor of the excavation until "clean soil limits" (based on PID readings) were thought to have been reached. The areas bounding the eastern and western sidewalls of the excavation were extended an additional 4.5 feet and the areas bounding the northern and southern sidewalls were extended an additional 3 feet. The dimensions of the finished excavation were approximately 32-feet long by 22-feet wide with an average depth of 18-feet (see **Figure 3**).

According to ADR, native soil exposed along the sidewalls and floor of the excavation, to a depth of between 18 and 20 feet bgs, consisted of olive brown to brown, very fine-grained, medium dense, moist to very moist clayey sand and/or sandy clay. A total of nine confirmation soil samples were collected from the excavation sidewalls and floor. Additionally, a groundwater "grab" sample was collected from the floor of the excavation. Soil and groundwater sampling locations are shown in **Figure 3**.

After 160.56 tons of previously stockpiled soil from the October 2008 excavation activities was loaded by Ferma and transported by Gregs Trucking to the Altamont Landfill & Resource Recovery Facility, located in Livermore, California for Class II disposal, soil generated from the over-excavation activities was placed near the eastern and western ends of the excavation on plastic sheeting. The soil stockpile (combining the eastern and western material; designated STK P-3) contained approximately 150 to 175 cubic yards of material. For the purposes of soil characterization, the stockpile was measured and divided into four equal area cells of approximately 35 to 45 cubic yards each, labeled SKP-3A, B, C, and D. Following the sampling, the soil stockpiles were covered with plastic sheeting and left on site pending analytical results. The soil and groundwater samples were analyzed for TPH-g, TPH-d, and TPH-mo by EPA Method 8015 modified (silica gel cleanup was used for diesel and oil ranges), VOCs by EPA method 8260B, and polynuclear aromatics/polycyclic aromatic hydrocarbons (PNA/PAH) by EPA Method 8270C. Analytical results are summarized on **Table 2**. Soil sample analytical results indicated that samples collected from the northern, eastern, northwestern, and southwestern sidewall areas and the floor of the excavation did not contain detectable concentrations of TPH-g, TPH-d, TPH-mo, VOCs, or PNA/PAHs. However, the soil samples collected from the southwest corner of the excavation (TK SW-4 and TK SW-5) contained TPH-g, TPH-d, and /or TPH-mo constituents at concentrations ranging from 6.7 to 520 mg/Kg. Additionally, soil sample TK SW-5 detected the presence of various VOC and/or PNA/PAHs at concentrations ranging from 0.021 to 2.5 mg/Kg. Results of the tank excavation floor groundwater sample detected the presence of TPH-g (97 µg/L), TPH-d (550 µg/L), and naphthalene (7.8 µg/L). The remaining petroleum hydrocarbons, VOCs, and semi-VOCs were below laboratory reporting limits.

Based on the analytical results detected in the southwestern corner of the excavation, ADR recommended additional over-excavation of soil in the southwest corner of the tank pit.

On October 14, 2009, ADR supervised the pumping of water from the excavation, additional tank pit soil over-excavation and tank pit groundwater sampling activities. Water was observed to be present in the excavation at a depth of approximately 10 feet bgs. Ferma pumped the water from the excavation into a 21,000-gallon Baker tank placed at the site. After de-watering, soil over-excavation was conducted both laterally and vertically along the southwest corner of the tank pit by an excavator owned and operated by Ferma. Soil over-excavation proceeded vertically until groundwater was encountered at a depth of approximately 20 bgs and the area bounding the southwest sidewalls of the excavation were extended an additional 4 feet. The dimensions of the finished excavation are shown in **Figure 4**.

When field screening (PID readings, evidence of odors and staining) indicated that the limits of the soil contamination had been reached, verification soil samples were collected. A total of five confirmation soil samples were collected from the excavation southwest sidewalls. Additionally, a "grab" groundwater sample was collected from the floor of the excavation. Soil and groundwater sampling locations are shown in **Figure 4**. Approximately 75 cubic yards of soil was generated from the over-excavation activities.

Soil sample analytical results (summarized on **Table 3**), indicated that samples collected from the southwestern sidewall areas of the excavation did not contain detectable concentrations of petroleum hydrocarbons, VOCs or PNA/PAHs. However, the tank pit water sample collected (GPP TKExc H2O) from the floor of the excavation contained concentrations

of TPH-g (109 µg/L) and TPH-d (42,300 µg/L). Additionally, the groundwater sample also detected the presence of various VOC and/or PNA/PAHs at concentrations ranging from 0.7 to 84.0 µg/L.

On November 23, 2009, the accumulated tank pit water (consisting of groundwater and rain water) was re-pumped by Ferma into an on-site 21,000 gallon Baker tank. Water was pumped from the tank pit until the floor was dry. After allowing groundwater to recharge the pit for approximately five hours, ADR re-sampled the tank pit water (TEw). Additionally, for disposal profiling purposes, a sample of water stored in the Baker tank (water sample BTw) was collected. No odor or sheen was observed in the groundwater. Both water samples were analyzed for TPH-g and TPH-d by EPA Method 8015 modified, VOCs by EPA method 8260B, and PNA/PAHs by EPA Method 8270C. Groundwater sample analytical results indicated that samples collected from the tank excavation floor and Baker tank did not contain detectable concentrations of TPH-g, VOCs, or PNA/PAHs. However, a relatively low concentration of TPH-d was detected in the tank pit water sample (114 µg/L) and Baker tank water sample (67.8 µg/L).

Also on November 23, 2009, 158.94 tons of stockpiled soil from the September 24 and October 14, 2009 excavation activities was loaded by Ferma and transported by Greys Trucking to the Altamont Landfill & Resource Recovery Facility, located in Livermore, California for Class II disposal .

On January 7, 2010, after pumping water from the excavation prior to backfilling operations, the accumulative groundwater (38.51 tons, or approximately 9,240 gallons) stored in the on-site Baker tank was pumped by Ferma into two vacuum trucks owned and operated by Den Beste Transportation Inc. and transported to the Altamont Landfill & Resource Recovery Facility, located in Livermore, California for solidification and use as Class II cover material.

#### 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? Alameda 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 significant risk to human health based upon current land use and conditions.   |                            |                      |
| Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use only. If a change in land use to any residential or other conservative land use scenario is proposed at this site, Alameda County Environmental Health (AECH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. |                            |                      |
| Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party (or current property owner/developer) prior to and during excavation and construction activities.  |                            |                      |
| Should corrective action be reviewed if land use changes? Yes  |                            |                      |
| Was a deed restriction or deed notification filed? No  |                            | Date Recorded: ---   |
| Monitoring Wells Decommissioned: ---   | Number Decommissioned: --- | Number Retained: --- |
| List Enforcement Actions Taken: None   |                            |                      |
| List Enforcement Actions Rescinded: ---  |                            |                      |

**V. ADDITIONAL COMMENTS, DATA, ETC.**

Considerations and/or Variances:

None

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significantly threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for the site.

**VI. LOCAL AGENCY REPRESENTATIVE DATA**

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Prepared by: Paresh Khatri         | Title: Hazardous Materials Specialist |
| Signature: <i>Paresh Khatri</i>    | Date: August 16, 2010                 |
| Approved by: Donna L. Drogos, P.E. | Title: Division Chief                 |
| Signature: <i>Donna L. Drogos</i>  | Date: 08/31/10                        |

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 |
| Notification Date: SEPTEMBER 3, 2010       |                              |

**VIII. MONITORING WELL DECOMMISSIONING**

|   |  |                      |
|---|--|----------------------|
| Date Requested by ACEH: ---   | Date of Well Decommissioning Report: --- |                      |
| All Monitoring Wells Decommissioned: NA   | Number Decommissioned: ---               | Number Retained: --- |
| Reason Wells Retained: ---  |  |                      |
| Additional requirements for submittal of groundwater data from retained wells: None |  |                      |
| ACEH Concurrence - Signature: <i>Paresh Khatri</i>                                  |  | Date: 9/3/2010       |

Attachments:

1. Site Figures 1-4
2. Analytical Tables 1-3

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.



## Khatri, Paresh, Env. Health

---

**From:** Cherie McCaulou [CMccaulou@waterboards.ca.gov]  
**Sent:** Friday, September 03, 2010 2:40 PM  
**To:** Khatri, Paresh, Env. Health  
**Subject:** Re: RO0002993; Closure Summary for Green on Park Place (T10000000822)

The Regional Water Board has no objection to ACEH recommendation for closing the case located at 5411 Martinelli Way, Dublin. Thank you.

Sincerely,

Cherie McCaulou  
Engineering Geologist  
San Francisco Bay Regional Water Quality Control Board  
[cmccaulou@waterboards.ca.gov](mailto:cmccaulou@waterboards.ca.gov)  
510-622-2342

>>> "Khatri, Paresh, Env. Health" <[paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org)> 9/3/2010 2:08 PM >>>  
Hello Cherie,

Attached is a closure summary for RO0002993; Green on Park Place located at 5411 Martinelli Way in Dublin to comply with the RWQCB's 30-day review period. If no comments from the RWQCB are received within the 30-day review period, ACEH's will proceed with case closure.

Please contact me should you have any comments or questions regarding the subject site.

Sincerely,

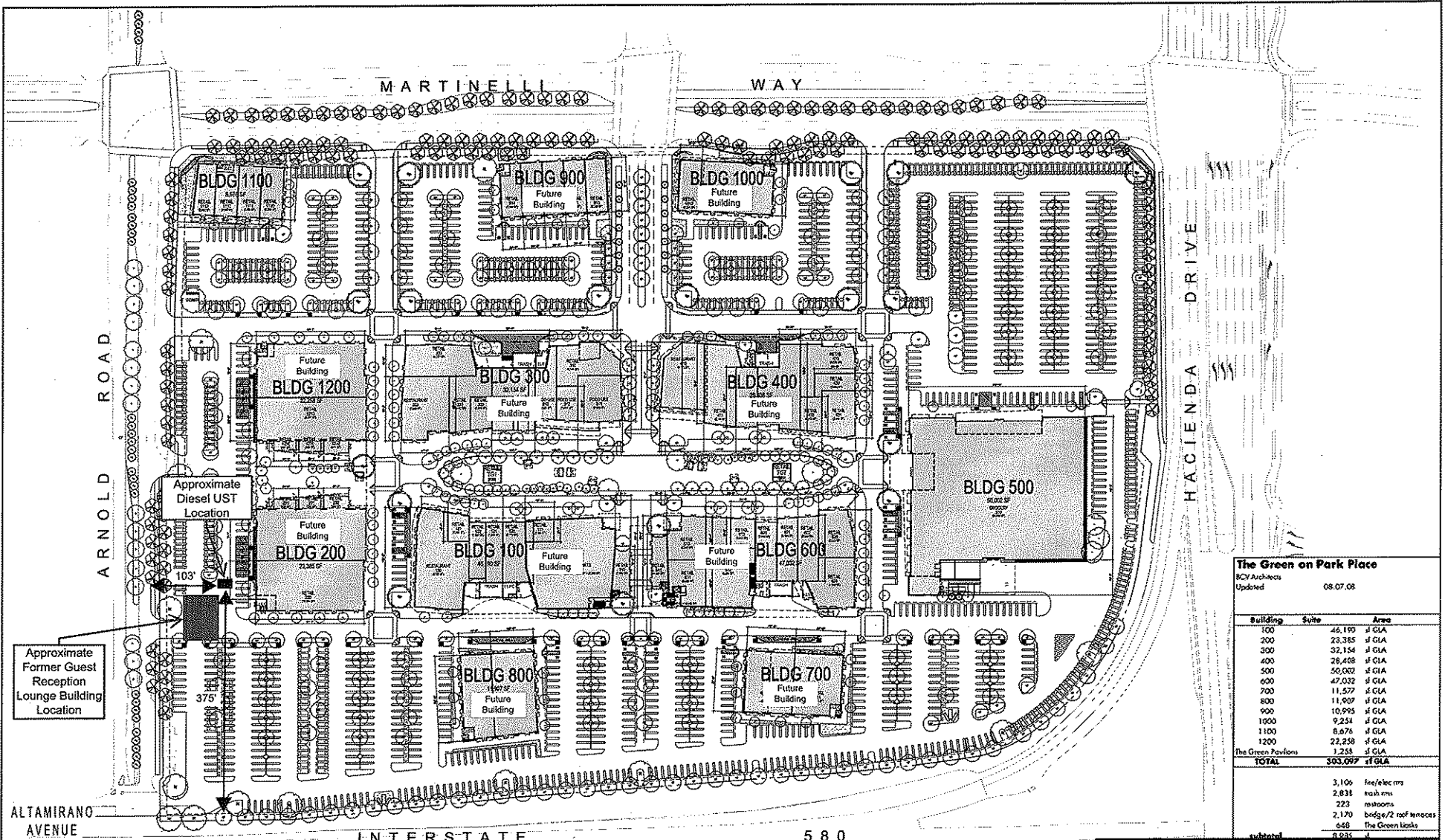
Paresh C. Khatri  
Hazardous Materials Specialist  
Alameda County Environmental Health  
Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

Phone: (510) 777-2478  
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E-mail: [Paresh.Khatri@acgov.org](mailto:Paresh.Khatri@acgov.org)

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

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**The Green on Park Place**  
 BCY Architects  
 Updated 08.07.08

| Building           | Site           | Area          |
|--------------------|----------------|---------------|
| 100                | 46,190         | sq GIA        |
| 200                | 23,385         | sq GIA        |
| 300                | 32,154         | sq GIA        |
| 400                | 28,408         | sq GIA        |
| 500                | 50,062         | sq GIA        |
| 600                | 47,032         | sq GIA        |
| 700                | 11,527         | sq GIA        |
| 800                | 11,907         | sq GIA        |
| 900                | 10,995         | sq GIA        |
| 1000               | 9,234          | sq GIA        |
| 1100               | 8,678          | sq GIA        |
| 1200               | 22,258         | sq GIA        |
| The Green Pavilion | 1,238          | sq GIA        |
| <b>TOTAL</b>       | <b>503,097</b> | <b>sq GIA</b> |

|                 |                           |
|-----------------|---------------------------|
| 3,106           | sq/elec rms               |
| 2,831           | sq/ash rms                |
| 223             | sq/musrooms               |
| 2,170           | sq/bridge/2 roof terraces |
| 640             | sq/the Green looks        |
| <b>Subtotal</b> | <b>7,670</b>              |

DEMISED LEASING PLAN  
 SITE PLAN  
 1" = 50'-0"

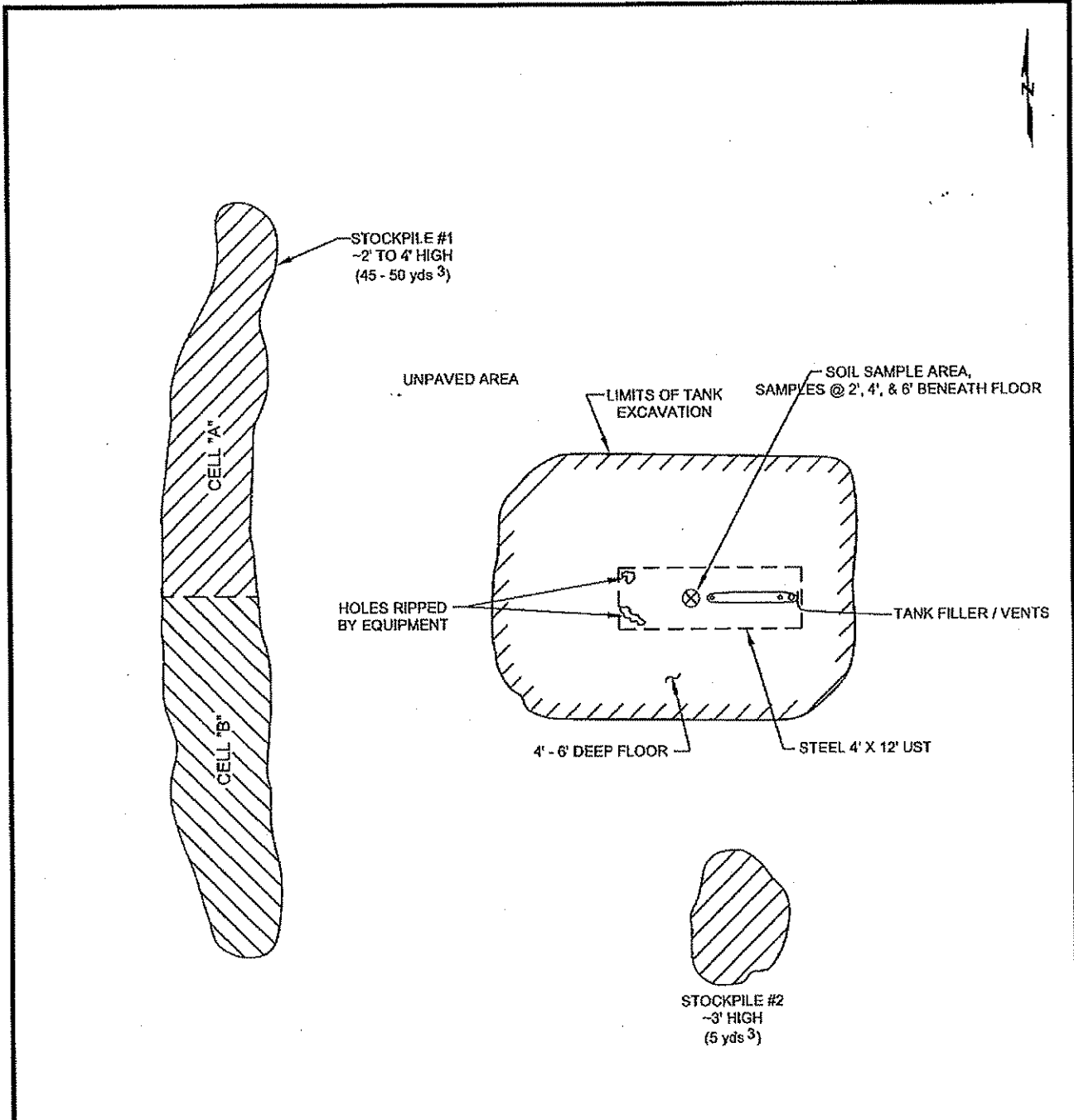
|   |  |   |  |
|---|--|---|--|
| <b>BCV</b><br>507 SERRANO STREET, SUITE 200<br>SANTA ANITA, CA 94368<br>TEL: 415.363.1111 | <b>STOCKBRIDGE</b><br>1000 CALIFORNIA STREET<br>SANTA ANITA, CA 94368<br>TEL: 415.363.1111 | <b>BLAKE HUNT</b><br>1000 CALIFORNIA STREET<br>SANTA ANITA, CA 94368<br>TEL: 415.363.1111 | <b>SMITH &amp; SMITH</b><br>1000 CALIFORNIA STREET<br>SANTA ANITA, CA 94368<br>TEL: 415.363.1111 |
|---|--|---|--|



BALDAUF CATTON VON ECKARTSBERG

**FIGURE 1**  
**UST LOCATION SITE PLAN**  
 BHV101-08-011-CA  
 July 2009  
**ADR Environmental Group, Inc.**

FILE NAME: BHV101-08-011-CA-UST-08-07-08.dwg PLOT DATE: 08/07/08 11:17:29 AM 11/27/08 BY: MCHERRY



**TANK PIT SOIL LITHOLOGY**

GROUND SURFACE TO 5' = CLAYEY SAND-Olive Brown, very fine grained, moist, medium dense.  
 5' TO 12' = SANDY CLAY-As above; very moist

**LEGEND**

⊗ TANK EXCAVATION SOIL SAMPLE LOCATION BY ADR, 10-02-08



BH1V-11-F2 10/27/08 PYM



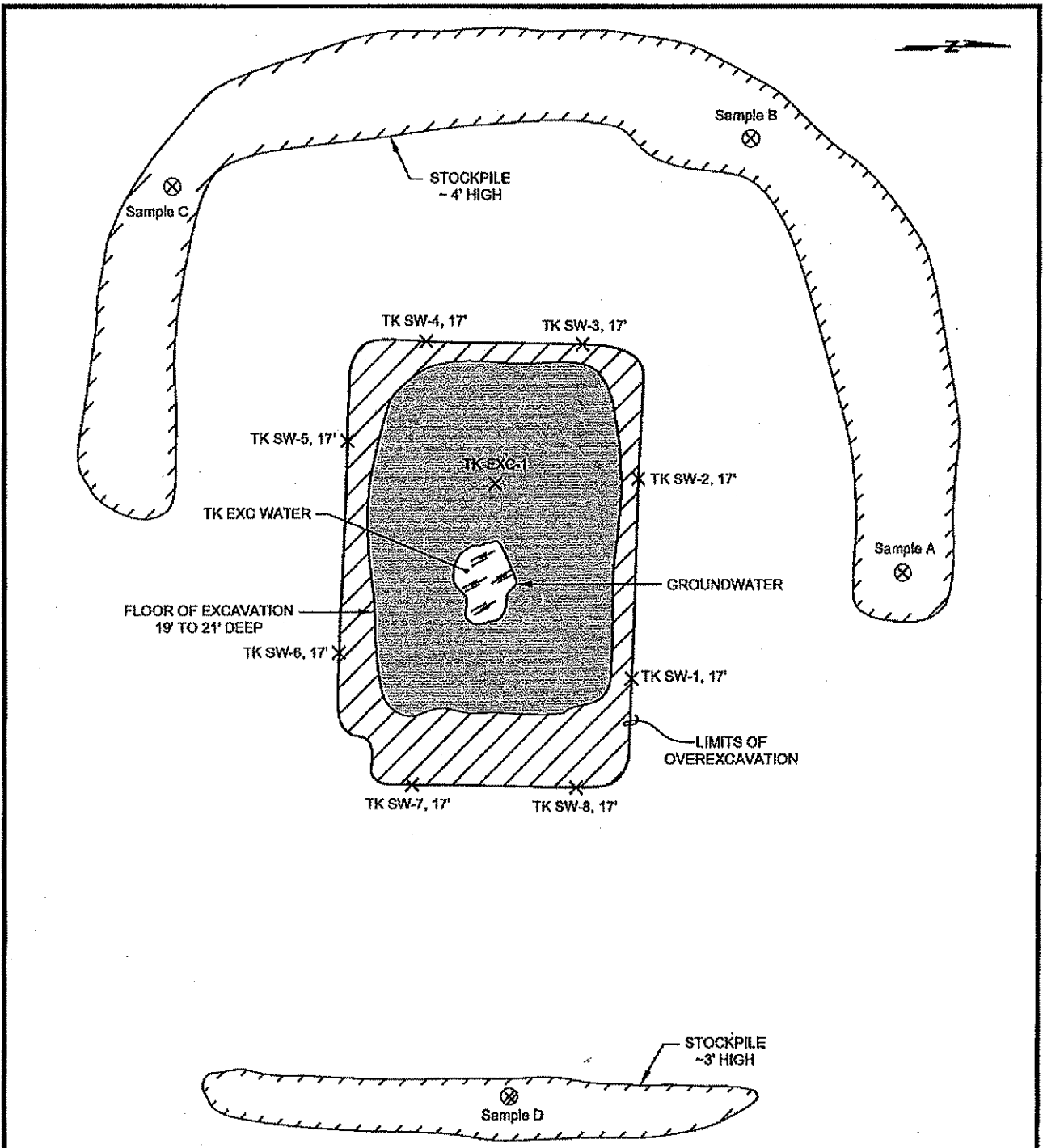
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UNDERGROUND STORAGE TANK EXCAVATION  
 The Green on Park Place  
 Dublin, California

Project Number: BHV1 01-08-011 CA

Date: October 2008

Figure: 2



**OVEREXCAVATION SOIL LITHOLOGY**

6' TO 10' = SANDY CLAY-Olive Brown, very fine to fine grained, moist to wet, dense.

**LEGEND**

- X EXCAVATION SOIL SAMPLE LOCATION, ADR 5/09
- ⊗ STOCKPILE SOIL SAMPLE LOCATION, ADR 5/09



BH1V-11-F2B 05/25/09 PYM



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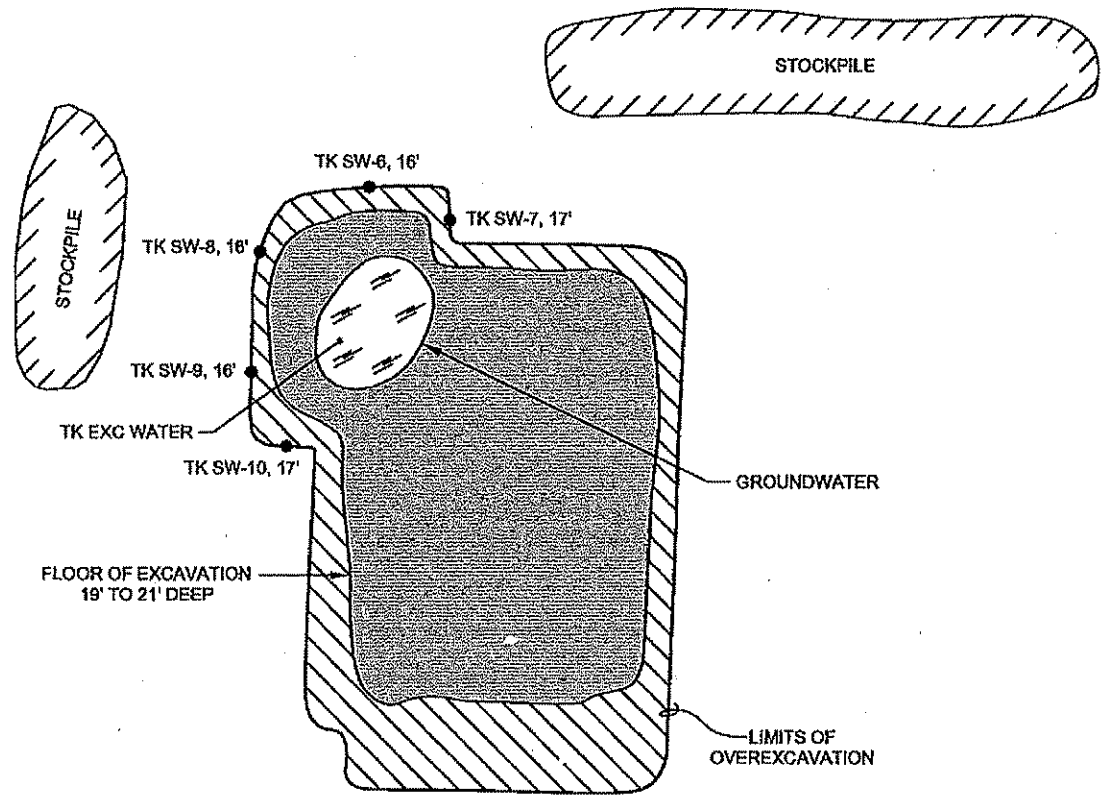
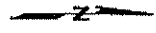
**UNDERGROUND STORAGE TANK OVEREXCAVATION**

The Green on Park Place  
Dublin, California

Project Number: BHV1 01-08-011 CA

Date: May 2009

Figure: **3**



**OVEREXCAVATION SOIL LITHOLOGY**

6' TO 18' = SANDY CLAY-Olive Brown, very fine to fine grained, moist to wet, dense.

**LEGEND**

- EXCAVATION SOIL SAMPLE LOCATION, ADR 10/09



BHV11-F2C 10/27/09 PYM



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**UNDERGROUND STORAGE TANK OVEREXCAVATION**

The Green on Park Place  
 Dublin, California

|                                   |                    |                  |
|-----------------------------------|--------------------|------------------|
| Project Number: BHV1 01-08-011 CA | Date: October 2009 | Figure: <b>4</b> |
|-----------------------------------|--------------------|------------------|

**TABLE 1**

**October 2008 Soil Sample Analytical Results  
Petroleum Hydrocarbons, 1,4-Dioxane, and PCBs  
The Green on Park Place  
Dublin, California  
Concentrations in milligrams per Kilogram (mg/Kg)**

| Location and Sample Number                    | Date Sampled | Sample Depth (feet) | TPHg <sup>1</sup> | TPHd <sup>2</sup> | O&G <sup>3</sup> | 1,4-Dioxane <sup>4</sup> | PCBs <sup>5</sup> |
|---|--------------|---------------------|-------------------|-------------------|------------------|--------------------------|-------------------|
| <b>Soil Stockpiles</b>                        |              |                     |                   |                   |                  |                          |                   |
| SP-1-A  | 10/2/08      | 2                   | 1.4               | 25                | <50 <sup>6</sup> | <0.02                    | <0.025            |
| SP-1-B  | 10/2/08      | 2                   | 38                | 590               | 170              | <0.02                    | <0.025            |
| SP-2  | 10/2/08      | 2                   | 5.7               | 110               | <50              | <0.02                    | <0.025            |
| <b>Tank Excavation</b>                        |              |                     |                   |                   |                  |                          |                   |
| TK Exc 2 <sup>7</sup>                         | 10/2/08      | 2                   | <1.0              | 5.7               | <50              | <0.02                    | <0.025            |
| TK Exc 4 <sup>7</sup>                         | 10/2/08      | 4                   | <1.0              | <1.0              | <50              | <0.02                    | <0.025            |
| TK Exc 6 <sup>7</sup>                         | 10/2/08      | 6                   | 4.0               | 190               | 77               | <0.02                    | <0.025            |
| <b>Regulatory Standard Comparisons</b>        |              |                     |                   |                   |                  |                          |                   |
| <b>Commercial/Industrial-ESLs<sup>7</sup></b> |              |                     | 83                | 83                | 2500             | 0.0018                   | 0.74              |
| <b>Residential-ESLs<sup>8</sup></b>           |              |                     | 83                | 83                | 370              | 0.0018                   | 0.22              |

- TPHg<sup>1</sup> = Total Petroleum Hydrocarbons as gasoline by Method SW8015Cm. Compound reported as strongly aged gasoline or diesel fuel.
- TPHd<sup>2</sup> = Total Petroleum Hydrocarbons as diesel (Total Extractable Petroleum Hydrocarbons) by Method SW8015B. Compound reported as fuel oil and/or unmodified or weakly modified diesel.
- O&G<sup>3</sup> = Total Petroleum Hydrocarbons as Oil and Grease (Hexane Extractable Material with Silica Gel Treatment) by Method SW9071B.
- 1,4-Dioxane<sup>4</sup> = 1,4-Dioxane by Method SW8260B Purge and Trap, GC/MS Selective Ion Mode
- PCBs<sup>5</sup> = Polychlorinated Biphenyls Aroclors by Method SW8082.
- <50<sup>6</sup> = Compound not detected at indicated laboratory reporting limit.
- ESLs<sup>7</sup> = Environmental Screening Levels (mg/Kg) for commercial/industrial land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- ESLs<sup>8</sup> = Environmental Screening Levels (mg/Kg) for residential land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.

**TABLE 1 continued**

**October 2008 Soil Sample Analytical Results  
Volatile Organic Compounds (VOCs) by Method SW8260B  
and  
Semi-VOCs (SVOCs) by Method SW8270C  
The Green on Park Place  
Dublin, California  
Concentrations in milligrams per Kilogram (mg/Kg)**

| Location and Sample Number                    | Date Sampled | Sample Depth (feet) | Naphthalene | 1,2,4-Trimethylbenzene | 2-Methyl naphthalene | Phenanthrene | Other VOCs      | Other SVOCs     |
|---|--------------|---------------------|-------------|------------------------|----------------------|--------------|-----------------|-----------------|
| <b>Soil Stockpiles</b>                        |              |                     |             |                        |                      |              |                 |                 |
| SP-1-A  | 10/2/08      | 2                   | 0.10        | 0.0071                 | <0.33 <sup>1</sup>   | <0.33        | ND <sup>2</sup> | ND <sup>3</sup> |
| SP-1-B  | 10/2/08      | 2                   | 3.1         | <0.005                 | 15                   | 1.7          | ND              | ND              |
| SP-2  | 10/2/08      | 2                   | 0.42        | 0.025                  | 1.1                  | <0.33        | ND              | ND              |
| <b>Tank Excavation</b>                        |              |                     |             |                        |                      |              |                 |                 |
| TK Exc 2'                                     | 10/2/08      | 2                   | 0.041       | <0.005                 | <0.33                | <0.33        | ND              | ND              |
| TK Exc 4'                                     | 10/2/08      | 4                   | 0.0092      | <0.005                 | <0.33                | <0.33        | ND              | ND              |
| TK Exc 6'                                     | 10/2/08      | 6                   | 2.1         | 0.16                   | 1.0                  | <0.33        | ND              | ND              |
| <b>Regulatory Standard Comparisons</b>        |              |                     |             |                        |                      |              |                 |                 |
| <b>Commercial/Industrial-ESLs<sup>4</sup></b> |              |                     | 2.8         | NSL <sup>6</sup>       | 0.25                 | 11           | -               | -               |
| <b>Residential-ESLs<sup>5</sup></b>           |              |                     | 1.3         | NSL                    | 0.25                 | 11           | -               | -               |

- <0.33<sup>1</sup> = Compound not detected at indicated laboratory reporting limit.
- ND<sup>2</sup> = Note detected above laboratory reporting limit for VOCs by Method SW8260B.
- ND<sup>3</sup> = Note detected above laboratory reporting limit for SVOCs by Method SW8270C.
- ESLs<sup>4</sup> = Environmental Screening Levels (mg/Kg) for commercial/industrial land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- ESLs<sup>5</sup> = Environmental Screening Levels (mg/Kg) for residential land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- NSL<sup>6</sup> = No Screening Level Established.

**TABLE 1 continued**

**October 2008 Soil Sample Analytical Results  
LUFT 5 Metals by Method 6010C  
The Green on Park Place  
Dublin, California  
Concentrations in milligrams per Kilogram (mg/Kg)**

| Location and Sample Number                    | Date Sampled | Sample Depth (feet) | Cadmium           | Chromium         | Lead | Nickel | Zinc |
|---|--------------|---------------------|-------------------|------------------|------|--------|------|
| <b>Soil Stockpiles</b>                        |              |                     |                   |                  |      |        |      |
| SP-1-A  | 10/2/08      | 2                   | <1.5 <sup>1</sup> | 47               | 21   | 45     | 75   |
| SP-1-B  | 10/2/08      | 2                   | <1.5              | 50               | 27   | 50     | 77   |
| SP-2  | 10/2/08      | 2                   | <1.5              | 45               | 7.1  | 43     | 54   |
| <b>Tank Excavation</b>                        |              |                     |                   |                  |      |        |      |
| TK Exc 2'                                     | 10/2/08      | 2                   | <1.5              | 44               | 7.6  | 42     | 56   |
| TK Exc 4'                                     | 10/2/08      | 4                   | <1.5              | 41               | 5.9  | 36     | 51   |
| TK Exc 6'                                     | 10/2/08      | 6                   | <1.5              | 44               | 8.1  | 40     | 70   |
| <b>Regulatory Standard Comparisons</b>        |              |                     |                   |                  |      |        |      |
| <b>Commercial/Industrial-ESLs<sup>2</sup></b> |              |                     | 7.4               | NSL <sup>3</sup> | 750  | 150    | 600  |
| <b>Residential-ESLs<sup>4</sup></b>           |              |                     | 1.7               | NSL              | 200  | 150    | 600  |

- <1.5<sup>1</sup> = Compound not detected at indicated laboratory reporting limit.
- ESLs<sup>2</sup> = Environmental Screening Levels for commercial/industrial land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region. Metals in milligrams per Kilograms (mg/Kg).
- NSL<sup>3</sup> = No Screening Level for total chromium. Environmental Screening Levels for chromium III and chromium VI for commercial/industrial land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region is 750 and 8.0 mg/Kg, respectively.
- ESLs<sup>4</sup> = Environmental Screening Levels for residential land use shallow soil where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region. Metals in milligrams per Kilograms (mg/Kg).



**TABLE 2**

**May 2009 Soil and Groundwater Sample Analytical Results  
Petroleum Hydrocarbons  
The Green on Park Place, Dublin, California**  
*Soil Concentrations in milligrams per Kilogram (mg/Kg)*  
*Water Concentrations in micrograms per Liter (µg/L)*

| Location and Sample Number                         | Date Sampled | Sample Depth (feet) | GRO <sup>1</sup> | DRO <sup>2</sup> | ORO <sup>3</sup>  |
|--|--------------|---------------------|------------------|------------------|-------------------|
| <b>Excavation Groundwater</b>                      |              |                     |                  |                  |                   |
| TK Exc- Water                                      | 5/12/09      | 21                  | 97               | 500              | <500 <sup>4</sup> |
| <b>Soil Stockpile</b>                              |              |                     |                  |                  |                   |
| STK P-3, A,B,C,D                                   | 5/12/09      | 2                   | 19               | 10               | <10               |
| <b>Tank Excavation Floor</b>                       |              |                     |                  |                  |                   |
| TK Exc-21  | 5/12/09      | 21                  | <1.0             | <5.0             | <10               |
| <b>Tank Excavation Sidewalls</b>                   |              |                     |                  |                  |                   |
| TK SW - 1  | 5/12/09      | 17                  | <1.0             | <5.0             | <10               |
| TK SW - 2  | 5/12/09      | 17                  | <1.0             | <5.0             | <10               |
| TK SW - 3  | 5/12/09      | 17                  | <1.0             | <5.0             | <10               |
| TK SW - 4  | 5/12/09      | 17                  | 8.6              | 6.7              | <10               |
| TK SW - 5  | 5/12/09      | 17                  | 56               | 520              | 84                |
| TK SW - 6  | 5/12/09      | 17                  | <1.0             | <5.0             | <10               |
| TK SW - 7  | 5/12/09      | 17                  | <1.0             | <5.0             | <10               |
| TK SW - 8  | 5/12/09      | 17                  | <1.0             | <5.0             | <10               |
| <b>Regulatory Standard Comparisons</b>             |              |                     |                  |                  |                   |
| <b>Soil Commercial/Industrial-ESLs<sup>5</sup></b> |              |                     | 83               | 83               | 5,000             |
| <b>Soil Residential-ESLs<sup>6</sup></b>           |              |                     | 83               | 83               | 5,000             |
| <b>Groundwater-ESLs<sup>7</sup></b>                |              |                     | 100              | 100              | 100               |
| <b>MCLs<sup>8</sup></b>                            |              |                     | NSL <sup>9</sup> | NSL              | NSL               |

- GRO<sup>1</sup> = Gasoline Range Petroleum Hydrocarbons by Method SW8015Cm.  
DRO<sup>2</sup> = Diesel Range Petroleum Hydrocarbons (with Silica Gel Treatment) by Method SW8015B.  
ORO<sup>3</sup> = Oil Range Petroleum Hydrocarbons (with Silica Gel Treatment) by Method SW8015B.  
<500<sup>4</sup> = Compound not detected at indicated laboratory reporting limit.  
ESLs<sup>5</sup> = Environmental Screening Levels (mg/Kg) for commercial/industrial land use and deep soil (>3 meters bgs) where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.  
ESLs<sup>6</sup> = Environmental Screening Levels (mg/Kg) for residential land use and deep soil (>3 meters bgs) where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.  
ESLs<sup>7</sup> = Environmental Screening Levels (µg/L) for groundwater where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.  
MCLs<sup>8</sup> = Maximum Contaminant Level for drinking water standards established by the California Department of Health Services in µg/L.  
NSL<sup>9</sup> = No screening level developed.

**TABLE 2 continued**

**May 2009 Soil Sample Analytical Results  
 VOCS by Method SW8260B and PNA/PAHs by SW8270C  
 The Green on Park Place, Dublin, California  
 Soil Concentrations in milligrams per Kilogram (mg/Kg)  
 Water Concentrations in micrograms per liter (µg/L)**

| Location and Sample Number                    | Date Sampled | Sample Depth (feet) | Naphthalene 8260/8270 | Phenanthrene | 2-Methylnaphthalene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | sec-Butylbenzene | 4-Isopropyltoluene | n-Butylbenzene | Remaining PNA/PAHs | Remaining VOCs  |
|---|--------------|---------------------|-----------------------|--------------|---------------------|------------------------|------------------------|------------------|--------------------|----------------|--------------------|-----------------|
| Excavation Groundwater                        |              |                     |                       |              |                     |                        |                        |                  |                    |                |                    |                 |
| TK Exc - Water                                | 5/12/09      | 21                  | 7.8/<10 <sup>1</sup>  | <10          | <10                 | <1.0                   | <1.0                   | <1.0             | <1.0               | <1.0           | <10                | ND <sup>2</sup> |
| Soil Stockpile                                |              |                     |                       |              |                     |                        |                        |                  |                    |                |                    |                 |
| STK P-3, A,B,C,D                              | 5/12/09      | 2                   | 0.23/<0.66            | <0.66        | <0.66               | 0.023                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| Tank Excavation Floor                         |              |                     |                       |              |                     |                        |                        |                  |                    |                |                    |                 |
| TK Exc 21                                     | 5/12/09      | 21                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| Tank Excavation Sidewalls                     |              |                     |                       |              |                     |                        |                        |                  |                    |                |                    |                 |
| TK SW - 1                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| TK SW - 2                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| TK SW - 3                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| TK SW - 4                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| TK SW - 5                                     | 5/12/09      | 17                  | 2.5/2.0               | 1.1          | 11                  | 0.088                  | 0.031                  | 0.021            | 0.037              | 0.032          | <0.66              | ND              |
| TK SW - 6                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| TK SW - 7                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| TK SW - 8                                     | 5/12/09      | 17                  | <0.04/<0.66           | <0.66        | <0.66               | <0.02                  | <0.02                  | <0.02            | <0.02              | <0.02          | <0.66              | ND              |
| <b>Regulatory Standard Comparisons</b>        |              |                     |                       |              |                     |                        |                        |                  |                    |                |                    |                 |
| <b>Commercial/Industrial-ESLs<sup>3</sup></b> |              |                     | 3.4                   | 11           | 0.25                | NSL                    | NSL                    | NSL              | NSL                | NSL            | -                  | -               |
| <b>Residential-ESLs<sup>4</sup></b>           |              |                     | 3.4                   | 11           | 0.25                | NSL                    | NSL                    | NSL              | NSL                | NSL            | -                  | -               |
| <b>Groundwater-ESLs<sup>5</sup></b>           |              |                     | 17                    | 4.6          | 2.1                 | NSL                    | NSL                    | NSL              | NSL                | NSL            | -                  | -               |
| <b>MCLs<sup>6</sup></b>                       |              |                     | NSL                   | NSL          | NSL                 | NSL                    | NSL                    | NSL              | NSL                | NSL            | -                  | -               |

- <10<sup>1</sup> = Compound not detected at indicated laboratory reporting limit.
- ND<sup>2</sup> = Compound not detected.
- ESLs<sup>3</sup> = Environmental Screening Levels (mg/Kg) for commercial/industrial land use and deep soil (>3 meters bgs) where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- ESLs<sup>4</sup> = Environmental Screening Levels (mg/Kg) for residential land use and deep soil (>3 meters bgs) where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- ESLs<sup>5</sup> = Environmental Screening Levels (µg/L) for groundwater where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- MCLs<sup>6</sup> = Maximum Contaminant Level for drinking water standards established by the California Department of Health Services in µg/L.
- NSL<sup>9</sup> = No screening level developed.

**TABLE 3**

**October and November 2009 Soil and Groundwater Sample Analytical Results  
Petroleum Hydrocarbons**

**The Green on Park Place, Dublin, California**

*Soil Concentrations in milligrams per Kilogram (mg/Kg)*

*Water Concentrations in micrograms per Liter (µg/L)*

| Location and Sample Number             | Date Sampled | Sample Depth (feet) | GRO <sup>1</sup> | DRO <sup>2</sup> |
|--|--------------|---------------------|------------------|------------------|
| <b>Excavation Groundwater</b>          |              |                     |                  |                  |
| GPP TK EXC H2O                         | 10/14/09     | 20                  | 109              | 42,300           |
| TEw                                    | 11/23/09     | 14                  | <50              | 114              |
| <b>Baker Tank</b>                      |              |                     |                  |                  |
| BTw                                    | 11/23/09     | -                   | <50              | 67.8             |
| <b>Tank Excavation Sidewalls</b>       |              |                     |                  |                  |
| TK SW - 6                              | 10/14/09     | 16                  | <1.00            | <1.00            |
| TK SW - 7                              | 10/14/09     | 17                  | <1.00            | <1.00            |
| TK SW - 8                              | 10/14/09     | 16                  | <1.00            | <1.00            |
| TK SW - 9                              | 10/14/09     | 16                  | <1.00            | <1.00            |
| TK SW -10                              | 10/14/09     | 17                  | <1.00            | <1.00            |
| <b>Regulatory Standard Comparisons</b> |              |                     |                  |                  |
| <b>Groundwater-ESLs<sup>5</sup></b>    |              |                     | 100              | 100              |
| <b>MCLs<sup>6</sup></b>                |              |                     | NSL <sup>7</sup> | NSL              |

- GRO<sup>1</sup> = Gasoline Range Petroleum Hydrocarbons by Method SW8015Cm.  
DRO<sup>2</sup> = Diesel Range Petroleum Hydrocarbons (with Silica Gel Treatment) by Method SW8015B.  
ORO<sup>3</sup> = Oil Range Petroleum Hydrocarbons (with Silica Gel Treatment) by Method SW8015B.  
<500<sup>4</sup> = Compound not detected at indicated laboratory reporting limit.  
ESLs<sup>5</sup> = Environmental Screening Levels (µg/L) for groundwater where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.  
MCLs<sup>6</sup> = Maximum Contaminant Level for drinking water standards established by the California Department of Health Services in µg/L.  
NSL<sup>7</sup> = No screening level developed.

**TABLE 3 continued**

**October and November 2009 Soil and Groundwater Sample Analytical Results  
Volatile Organic Compounds (VOCs) by Method SW8260B  
and  
PNA/PAHs by Method SW8270C  
The Green on Park Place, Dublin, California  
Soil Concentrations in milligrams per Kilogram (mg/Kg)  
Water Concentrations in micrograms per liter (µg/L)**

| Location and Sample Number             | Date Sampled | Sample Depth (feet) | Naphthalene 8260/8270 | Phenanthrene | Acetone | Acenaphthene | Fluorene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 4-Isopropyltoluene | n-Butylbenzene | Remaining PNA/PAHs | Remaining VOCs |
|--|--------------|---------------------|-----------------------|--------------|---------|--------------|----------|------------------------|------------------------|--------------------|----------------|--------------------|----------------|
| <b>Excavation Groundwater</b>          |              |                     |                       |              |         |              |          |                        |                        |                    |                |                    |                |
| GPP TK Exc H2O                         | 10/14/09     | 20                  | 84.0                  | 16.8         | 7.4     | 3.5          | 8.2      | 2.8                    | 0.9                    | 0.8                | 0.7            | ND                 | ND             |
| TEw                                    | 11/23/09     | 14                  | <2.0                  | <2.0         | <5.0    | <2.0         | <2.0     | <0.5                   | <0.5                   | <0.5               | <0.5           | ND                 | ND             |
| <b>Baker Tank</b>                      |              |                     |                       |              |         |              |          |                        |                        |                    |                |                    |                |
| BTw                                    | 11/23/09     | -                   | <2.0                  | <2.0         | <5.0    | <2.0         | <2.0     | <0.5                   | <0.5                   | <0.5               | <0.5           | ND                 | ND             |
| <b>Tank Excavation Sidewalls</b>       |              |                     |                       |              |         |              |          |                        |                        |                    |                |                    |                |
| TK SW-6                                | 10/14/09     | 16                  | <0.005                | <0.100       | <0.047  | <0.100       | <0.100   | <0.005                 | <0.005                 | <0.005             | <0.005         | ND                 | ND             |
| TK SW-7                                | 10/14/09     | 17                  | <0.005                | <0.100       | <0.050  | <0.100       | <0.100   | <0.005                 | <0.005                 | <0.005             | <0.005         | ND                 | ND             |
| TK SW-8                                | 10/14/09     | 16                  | <0.004                | <0.100       | <0.042  | <0.100       | <0.100   | <0.004                 | <0.004                 | <0.004             | <0.004         | ND                 | ND             |
| TK SW-9                                | 10/14/09     | 16                  | <0.004                | <0.100       | <0.042  | <0.100       | <0.100   | <0.004                 | <0.004                 | <0.004             | <0.004         | ND                 | ND             |
| TK SW-10                               | 10/14/09     | 17                  | <0.005                | <0.100       | <0.050  | <0.100       | <0.100   | <0.005                 | <0.005                 | <0.005             | <0.005         | ND                 | ND             |
| <b>Regulatory Standard Comparisons</b> |              |                     |                       |              |         |              |          |                        |                        |                    |                |                    |                |
| <b>Groundwater-ESLs<sup>5</sup></b>    |              |                     | 17                    | 4.6          | 1,500   | 20           | 3.9      | NSL                    | NSL                    | NSL                | NSL            | -                  | -              |
| <b>MCLs<sup>6</sup></b>                |              |                     | NSL                   | NSL          | NSL     | NSL          | NSL      | NSL                    | NSL                    | NSL                | NSL            | -                  | -              |

- <10<sup>1</sup> = Compound not detected at indicated laboratory reporting limit.
- ND<sup>2</sup> = Compound not detected.
- ESLs<sup>5</sup> = Environmental Screening Levels (µg/L) for groundwater where water is a current of potential source of drinking water established by the California Regional Water Quality Control Board – San Francisco Bay Region.
- MCLs<sup>6</sup> = Maximum Contaminant Level for drinking water standards established by the California Department of Health Services in µg/L.
- NSL<sup>3</sup> = No screening level developed.