

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



06-26-02

R02507

June 24, 2002

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

Mr. Hugh Murphy  
City of Hayward Fire Department  
777 B Street  
Hayward, California 94541

RE: **Canterbury Residential Development (STID # 6669 / CO# 1713)**  
**Hayward, California 94541**

Dear Mr. Murphy:

Our records indicate that deposit for regulatory oversight for the above subject site has a negative balance. Please submit a deposit of \$ 4,350.00 payable to Alameda County Department of Environmental Health.

We must receive this deposit to close the account. The deposit refund mechanism is authorized in Section 6.92.060L of the Alameda County Ordinance Code. Work on this project is debited at the Ordinance specified rate, currently at \$ 105 per hour.

Please be sure to write the following on the check to identify your account:

- type of project (**Site Mitigation / SLIC**)
- site address and STID# / CO# (see RE: line above)

If you have any questions, please contact me at (510) 567-6780.

Sincerely,

Susan L. Hugo  
Supervising Hazardous Materials Specialist

c: Ariu Levi, Chief, DEH  
SH / files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT 5-16-2000  
1 cell cc's

PO2507

May 16, 2000

Mr. Hugh Murphy  
City of Hayward Fire Department  
777 B Street  
Hayward, California 94541-5007

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

**Subject: Canterbury Residential Development - Unoccupied Residential Lots  
Hayward, California 94541 (STID # 6669)**

Dear Mr. Murphy:

The Alameda County Environmental Health Services (ACEHS) has reviewed the reports " Final Soil Sampling Results - Unoccupied Residential Lots" dated April 28, 2000 and "Summary of Groundwater Conditions" dated May 9, 2000 prepared by Geomatrix Consultants, Inc. for the above referenced property. In addition, this office has received the following letters: Geomatrix letter to the Department of Toxic Substances Control (DTSC) dated May 10, 2000 regarding response to comments on final soil sampling results and DTSC's letter dated May 12, 2000.

Review of the referenced reports showed the following results:

- Polycyclic aromatic hydrocarbons (PAHs) were detected in soil at concentrations below the residential Preliminary Remedial Goals (PRGs) with the exception of benzo(a)pyrene. Soil samples GMX-TRN-11A -1.0 (85 ug/kg) and GMX -TRN-12A-1.0 (180 ug/kg) showed benzo(a)pyrene above PRG levels of 62 ug/kg. However, additional soil samples collected in the vicinity of the these two locations indicate that although benzo(a)pyrene was detected above the PRG, the PAHs found at the site is very limited in extent to shallow soil and the concentrations are not significantly higher than the PRGs and appears to be background levels.
- Volatile organic compounds (VOCs) were detected in soil at concentrations below the residential PRGs.
- Total Petroleum Hydrocarbon as motor oil (TPHmo) was detected in soil at concentrations ranging from 52 to 5,400 mg/kg. TPHmo has no established PRGs. Soil samples with TPHmo greater than 1,000 mg/kg showed PAHs below the residential PRGs.
- Soil sample GMX-TRS-12A collected at 2.5 feet contained a gray particle, approximately one inch in diameter with white fibrous material. This sample showed 20 % chrysotile asbestos. Additional soil samples were collected and asbestos was not detected. Evaluation of other core samples did not indicate the presence similar gravel particle. Asbestos detected in soil sample GMX-TRS-12A appeared to be isolated and not significant.

Mr. Hugh Murphy

RE: Canterbury Residential Development, Hayward, CA

May 16, 2000

Page 2 of 2

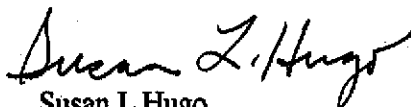
- Grab groundwater samples collected at the site detected TPH as diesel at concentrations ranging from 77 to 190 ug/L. Volatile organic compounds (naphthalene, 2-methyl naphthalene, isopropyl benzene, chlorobenzene, ethyl benzene, and xylenes) were detected at concentrations below the maximum contaminant levels (MCLs). Unfiltered groundwater samples detected cadmium, chromium and nickel above MCLs. The detection of metals appeared to be associated with suspended sediments in the grab groundwater samples collected at the site.

Based on the review of the data provided in the reports and with the provision that the information is accurate and representative of site conditions, this agency concurs with the Department of Toxic Substances Control (DTSC) findings listed below:

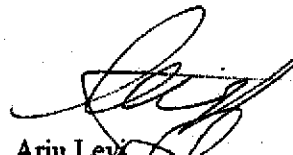
- No further action is required for the unoccupied residential lots at the Canterbury Residential Development.
- No further action is required for the groundwater beneath the site.

If you have any questions, please contact Susan L. Hugo at (510) 567-6780.

Sincerely,



Susan L. Hugo  
Hazardous Materials Specialist



Ariu Levi  
Chief, Hazardous Materials Program

cc: Mee Ling Tung, Director, Environmental Health Services  
Barbara Cook, P.E. Chief, Cal-EPA/DTSC, 700 Heinz Ave., Bldg. F, Suite 200, Berkeley, CA 94710  
Stephen Hill / Roger Brewer, Cal-EPA San Francisco Bay RWQCB  
James Gunderson, SummerHill Homes, 777 California Avenue, Palo Alto, CA 94304  
Ann Holbrow, Geomatrix Consultants, Inc., 2101 Webster Street, 12<sup>th</sup> Floor, Oakland, CA 94612  
Kimberly Brandt, LFR, 1900 Powell Street, 12<sup>th</sup> Floor, Emeryville, CA 94608  
SH/ files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT CC'S 5-4-2000

202509

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

May 2, 2000

Mr. Hugh Murphy  
City of Hayward Fire Department  
777 B Street  
Hayward, California 94541-5007

**Subject: SummerHill Homes, Canterbury Residential Development (STID # 6669)  
Hayward, California 94541**

Dear Mr. Murphy:

The Alameda County Environmental Health Services has reviewed the reports " Soil Sampling Results - Telford Court dated March 30, 2000 and Soil Sampling Results - Hoyoke Street, Branaugh Court and Silverstar Lane dated April 12, 2000" prepared by Geomatrix Consultants, Inc. for the above referenced property ("the Site").

On June 3, 1999, this office issued a "no further action" (NAF) letter for the Site. The NAF letter was based on information found in the following reports prepared and submitted by Terrasearch Inc.: Phase I Environmental Site Assessment Report dated October 24, 1997, Initial Subsurface Environmental Site Assessment Report dated March 9, 1998 and Additional Subsurface Environmental Assessment Report dated May 14, 1999. The NAF letter was issued based upon the information available at that time and with the provision that the information provided to our office was accurate and representative of site conditions.

City of Hayward Fire Department (HFD) came across additional information that suggested the investigation conducted at the site and the reports provided to this office was not representative of site conditions. To verify current soil and groundwater conditions at the Site, HFD engaged the services of Geomatrix Consultants, Inc. to conduct soil and groundwater investigation.

The referenced reports documented the results of the investigation conducted by Geomatrix Consultants Inc. on eight residential lots on Telford Court and sampling performed on Holyoke Street, Branaugh Court and Silverstar Lane. The recent investigation showed the following results:

For Telford Court:

\*Polychlorinated Biphenyls (PCBs) were not detected in any of the samples

\*Pesticides (dieldrin, endrin aldehyde and 4,4-DDE) were detected at concentrations below the residential Preliminary Remedial Goals (PRGs) established by U.S. EPA Region 9

Mr. Hugh Murphy  
RE: SummerHill Homes, Hayward, CA  
May 2, 2000  
Page 2 of 3

- \*Metals (arsenic, barium, cadmium, chromium, cobalt copper, lead, mercury, nickel vanadium and zinc) were detected at concentrations below PRGs with the exception of arsenic found at 7.2 milligrams per kilogram (mg/kg) exceeding the PRG concentration of 0.38 mg/kg; however, arsenic detected at the site appears to be within background levels in the area
- \*Total Petroleum Hydrocarbon as motor oil (TPHmo) was detected at concentrations ranging from 75 to 760 mg/kg; TPHmo has no established PRGs; TPHmo is evaluated based on its petroleum hydrocarbon constituents such as volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PAHs) which have established PRGs
- \*PAHs were detected in two samples (GMX34B-1.5 and GMX40C-1.5); benzo(g,h,i)perylene was the only PAHs detected in sample GMX34B-1.5 at 58 micrograms per kilogram (ug/kg) just above detection limits and considerably below the residential PRGs; sample GMX40C-1.5 showed PAHs below the residential PRGs with the exception of benzo(a)pyrene detected at 140 ug/kg, which exceeded the PRG levels of 62 ug/kg; the sample was reanalyzed and PAHs were not detected
- \*Volatile organic compounds (VOCs) which included methylene chloride, naphthalene, 1,3,5- trimethylbenzene, 1,2,4-trimethylbenzene were detected at concentrations below the residential PRGs

For Holyoke Street, Branaugh Court and Silverstar Lane:

- \*TPHmo was detected at concentrations ranging from 57 to 580 mg/kg; TPHmo has no established PRGs
- \*Naphthalene (62 ug/kg) was detected in soil below the residential PRGs
- \*Acetone (330 ug/kg) was detected in soil below the residential PRGs
- \*Sampling conducted by ACC Consultants on March 6, 2000 detected the following in soil ; up to 4.4 mg/kg TPH as gasoline, 340 mg/kg TPH as diesel, 3200 mg/kg Total Oil and Grease (TOG), 6.9 ug/kg ethylbenzene, 24 ug/kg isopropylbenzene, 93 ug/kg naphthalene and 170 ug/kg 2-methylnaphthalene. TPHg, TPHd and TOG have no established PRGs. VOCs and SVOCs detected were below the residential PRGs. Metals (cadmium, chromium, lead, nickel and zinc) were detected in soil below the residential PRGs. TPHd was detected in groundwater at 190 ug/L. VOCs (chlorobenzene, ethylbenzene, isopropyl benzene, naphthalene, xylenes) were detected in groundwater below California Drinking Water Maximum Contaminant Level (MCL). Metals (cadmium, chromium and nickel) were detected above MCLs. However, groundwater at the site is not used as a drinking water source.


Mr. Hugh Murphy  
RE: SummerHill Homes, Hayward, CA  
May 2, 2000  
Page 3 of 3

Based on the review of the data provided in the reports and with the provision that the information is accurate and representative of site conditions, this agency concurs with the Department of Toxic Substances Control (DTSC) findings listed below:

- No further action is required for the eight residential lots on Telford Court and they can be occupied for residential use.
- No further action is required on Holyoke Street, Branaugh Court and Silverstar Lane; exposure of street and /or utility workers conducting routine maintenance activities in the street will not result in adverse health effects.

If you have any questions, please contact Susan L. Hugo at (510) 567-6780.

Sincerely,

  
Susan L. Hugo  
Hazardous Materials Specialist

  
Ariu Levi  
Chief, Hazardous Materials Program

cc: Mee Ling Tung, Director, Environmental Health Services  
Barbara Cook, P.E. Chief, Cal-EPA/DTSC, 700 Heinz Ave., Bldg. F, Suite 200, Berkeley, CA 94710  
Stephen Hill / Roger Brewer, Cal-EPA San Francisco Bay RWQCB  
James Gunderson, SummerHill Homes, 777 California Avenue, Palo Alto, CA 94304  
Ann Holbrow, Geomatrix Consultants, Inc., 2101 Webster Street, 12<sup>th</sup> Floor, Oakland, CA 94612  
Kimberly Brandt, LFR, 1900 Powell Street, 12<sup>th</sup> Floor, Emeryville, CA 94608  
SH/ files,

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



FEB 4 2000

CC 5

February 14, 2000

STID 47

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

Maret Bartlett, Redevelopment Director  
Department of Community and Economic Development  
Redevelopment Agency  
777 B Street  
Hayward, CA 94541-5007

re: Site Two Residential Development

Dear Maret Bartlett:

This office has received and reviewed a proposal concerning Lead Concentrations in soil for the above residential development, dated December 7, 1999, by Geomatrix Consultants, Inc. You submitted this report to our office with a request dated January 4, 2000. Previously, you submitted future site plans and an extensive history for this site. A letter from this office dated August 19, 1999 was sent to you concerning hydrocarbon residuals at the site. That letter said that no further action was needed at the site for the proposed residential development.

This office accepts the conclusions in this report and wishes to add the following:

1. It is not expected that there will be any significant inhalation of resuspended particulates (i.e. dust) for anyone living at the site since it will be almost totally paved.
2. It is not expected that there will be any dermal contact with soils at the site since it will be almost totally paved. Most new green areas will have planters containing imported soil.
3. The soils in question will then be sealed with paving, concrete building foundations, or other impermeable surface. Not only will there be no pathway for lead migration to the surface, but lead will be essentially non-leachable, as annual rains will not be allowed to percolate through the soil for the majority of the site.
4. There will be no garden areas for occupants to plant edible produce. Any attempt at such will involve planters and imported soil.

The lead in the soils on site does not constitute any public health or environmental hazard or risk. Still, a proper course of action during construction would be locate surface soils under roadways, parking areas, and paved walks as much as possible.

February 14, 2000  
Site Two Residential Development, Hayward  
Maret Bartlett  
Page 2 of 2

After thorough review of the documents presented concerning this case it is determined that no further action is required for this residential site development. This site has been adequately remediated for the planned residential development.

Please call me if you have any questions at (510) 567-6782.

Sincerely,



Thomas F. Peacock, Manager  
Division of Environmental Protection

c: Hugh Murphy, City of Hayward Fire Department  
Ariu Levi, Chief - files- Tom



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02507

June 3, 1999

ENVIRONMENTAL HEALTH SERVICES

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

Mr. Reyad Katwan  
Summerhill Homes  
777 California Avenue  
Palo Alto, CA

Ref: Summerhill Homes, 670 Olympic Avenue, Hayward, CA- 94545

Dear Mr. Katwan:

I am in receipt of the Phase I Environmental Site Assessment, dated October 24, 1997, Initial Subsurface Environmental Site Assessment Report, dated March 9, 1998 and Additional Subsurface Environmental Assessment report, dated May 14, 1999 prepared by Terrasearch Inc., for the above referenced property.

Initial environmental investigations was conducted in February 1998, to evaluate the soil and groundwater condition around the automobile repair shop and the surficial soil condition around residential areas at the referenced property. The environmental investigation was targeted towards finding any petroleum hydrocarbons, volatile organics (automobile related contaminants), and pesticides (agricultural related contaminants). Based on the laboratory results, no significant contamination was identified.

Also, additional investigation was performed around Parcel D to determine the presence of petroleum hydrocarbon in the soil and groundwater. No significant concentrations were observed in the laboratory results.

A concrete underground storage tank was abandoned in the southeastern portion of the property under the oversight of the City of Hayward Fire Department, the lead agency for evaluating this part of the investigation.

Based upon the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action is required. If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan  
Hazardous Material Specialist

C: Robert Cambell, Terrasearch Inc, 11840 Dublin Road, Dublin, CA 94568

**Hugh Murphy, City of Hayward Fire Department, 777 B Street, Hayward, CA -  
94541**