

SummerHill HomesSM

777 California Avenue
Palo Alto, CA 94304
Tel: (650) 857-0122
Fax: (650) 857-4412

AUG 15 2002

VIA FEDEX

August 12, 2002

Mr. Hugh Murphy
Hazardous Materials Program Coordinator
City of Hayward
Fire Department, Hazardous Materials Office
777 B Street
Hayward, CA 94541

Re: Canterbury Residential Development, Hayward

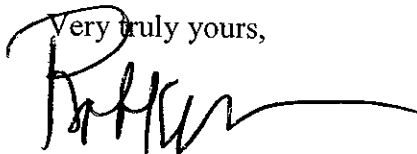
Dear Hugh:

Enclosed is a copy of the letter delivered to the homeowners by the Canterbury Homeowners' Association with their August 1, 2002 monthly Newsletter (per the attached fax from Jodie Condella) for your records.

Please provide final clearance of the project to allow us to release our bonds.

Please contact the undersigned if you need anything further at this time.

Very truly yours,



Robert H. Kennis

Encs.

cc: Barbara Cook, P.E., Department of Toxic Substances Control
Roger Brewer, Ph.D., Regional Water Quality Control Board
Susan Hugo, Alameda County Environmental Health Services
Reyad Katwan, SummerHill Homes

Hugo, Susan, Env. Health

From: Hugo, Susan, Env. Health
Sent: Tuesday, June 25, 2002 2:14 PM
To: Seng, Victoria, Env. Health
Cc: Levi, Ariu, Env. Health; Martin, Deborah, Env. Health
Subject: Canterbury Residential Development (SLIC #6669 / CO0001713)

Hello Vicky;

Just a heads up. I'm closing the Slic case for the Canterbury Residential Development in Hayward. A deposit for **\$3,000** was received on 3/16/00 (Receipt #846702) / Proj #99a/ **STID # 6669**. All Slic case work was entered in Rbase dailies with the exception of work done in 2002. I created a Complaint **CO# 0001713** for this site today so there will be records of work done for 2002.

This is the breakdown of charges for this site;

- 3 hours at \$105 for Admin time (for 2000, 2001 & 2002)
- 63.4 hours at \$105 for case work logged in Rbase dailies (STID 6669)
- 3.6 hours at \$105 for case work done this year (2002) and entered in Envision dailies (CO0001713)

Total hours charged = 70 hours.

I sent a letter to City of Hayward (Hugh Murphy) today for additional deposit of **\$4350.00** to cover for all charges so we can close the account.

Once the check comes in please let me know.

Thanks
Susan

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

June 24, 2002

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.

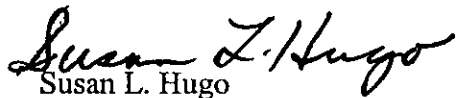
We must receive this deposit to close the account. The deposit refund mechanism is authorized in Section 6.92.060L of the Alameda County Ordinance Code. Work on this project is debited at the Ordinance specified rate, currently at \$ 105 per hour.

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



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 28, 2002

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

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

Dear Mr. Murphy:

The Alameda County Environmental Health Services (ACEHS) has reviewed the report "Soil Sampling Results – Occupied Residential Lots" dated May 23, 2001, prepared and submitted by Geomatrix for the above referenced site. The report documented the results of soil samples collected from twenty (20) occupied lots at the Canterbury Residential Development in Hayward, California. This office also received a copy of Department of Toxic Substance Control (DTSC) letter dated April 16, 2001 regarding the results of soil sampling conducted at the subject site.

Total petroleum hydrocarbons as motor oil (TPHmo) was detected in forty-nine (49) of the fifty-four (54) soil samples at concentrations ranging from 50 to 3500 mg/kg. Out of the 49 samples containing TPHmo, 45 were shallow samples collected at approximately one foot below ground surface (bgs) and four were collected at three feet bgs.

Polycyclic aromatic hydrocarbons (PAHs) were detected in 41 of the 54 soil samples at concentrations ranging from 5 to 2300 ug/kg. Thirty-nine samples were collected at approximately 1 foot bgs and two were collected at approximately 3 feet bgs.

Eight lots were resampled. Average concentrations of TPHmo in shallow soil ranged from 360 to 1550 mg/kg. These results are within the range of TPHmo concentrations found in the unoccupied residential lots. Benzo (a) pyrene concentrations (up to 420 ug/kg) detected in two lots exceeded the Preliminary Remediation Goals (PRGs). Further evaluation of the benzo (a) pyrene using the PAHs equivalency factors was conducted and showed benzo (a) pyrene concentrations below the PRGs.

Mr. Hugh Murphy
RE: Canterbury Residential Development, Hayward, CA
January 28, 2002
Page 2 of 2

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) finding that no clean up for the contaminants found at the site is required. In addition, San Francisco Bay Regional Water Quality Control Board (RWQCB) in a letter from City of Hayward dated January 8, 2002 concurred that 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
Supervising Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health Services
Ariu Levi, Chief, Hazardous Materials Program
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, 12th Floor,
Oakland, CA 94612
Kimberly Brandt, LFR, 1900 Powell Street, 12th Floor, Emeryville, CA 94608
SH/ files



Department of Toxic Substances Control

Edwin F. Lowry, Director
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2721



Winston H. Hickox
Agency Secretary
California
Environmental
Protection Agency

Gray Davis
Governor

April 16, 2001

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

APR 18 2001

Dear Mr. Murphy:

The Department of Toxic Substances Control (DTSC) has reviewed the laboratory report submitted for soil sampling activities discussed during our meeting on December 19, 2000. The data reviewed were gathered from twenty (20) occupied lots at the Canterbury Residential Development in Hayward, California.

Soil sampling analytical results showed benzo(a)pyrene in seventeen (17) out of the twenty (20) lots sampled. The other three (3) lots showed non-detectable levels of benzo(a)pyrene. Current DTSC procedures require that benzo(a)pyrene equivalents be calculated if polynuclear aromatic hydrocarbons (PAHs) are present. This procedure was completed for the samples. Analytical results from each individual lot were evaluated using this procedure. For lots where multiple samples were collected, the arithmetic mean was calculated rather than the 95% upper confidence level (UCL) on that mean (US EPA Publication 9825.7-081, May 1992) due to the small number of samples from the individual residential lots. The US EPA Region IX's Preliminary Remedial Goal (PRG) for benzo(a)pyrene in residential soil is 0.062 ppm. We have used 0.062 ppm as the screening value for the sampled lots. The mean benzo(a)pyrene equivalents for the soil samples collected from the seventeen lots were all below PRGs.

DTSC has also reviewed additional data packages for the analysis of Total Petroleum Hydrocarbons (TPH) as motor oil and PAHs. The data packages included laboratory reports, quality control (QC) summaries and raw data for the samples collected. No contamination was found in method blanks.

As discussed in earlier letters from DTSC, PRGs are health based screening values. Exposure to contaminant levels found below PRGs will not cause adverse health effects. Based on the benzo(a)pyrene equivalents calculated for the subject lots, no cleanup for this contaminant is required by DTSC.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

Mr. Murphy
April 16, 2001
Page Two

If you have any questions or comments, please call Annina Antonio at (510) 540-3844.

Sincerely,

A handwritten signature in black ink, appearing to read "Barbara J. Cook", with a long horizontal flourish extending to the right.

Barbara J. Cook, P.E., Chief
Northern California
Coastal Cleanup Operations Branch

cc: Susan L. Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Roger Brewer
San Francisco Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

✓ ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

September 13, 2000

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

Subject: Hayward Area Recreation District (HARD)
695 Industrial Parkway, Hayward, California 94541 (STID # 6669)

Dear Mr. Murphy:

The Alameda County Environmental Health Services (ACEHS) has reviewed the report "Results of Phase II Investigation - Hayward Area Recreation District Property (HARD)" dated June 1, 2000 prepared by Geomatrix Consultants, Inc. for the above referenced property. In addition, this office has received the following documents: Geomatrix letter (dated July 6, 2000) to the Department of Toxic Substances Control (DTSC) regarding response to questions on results of Phase II Investigation; Summary of Groundwater Conditions (June 9, 2000) prepared by Geomatrix for the subject site; DTSC's no further action letter dated July 18, 2000 for HARD property; City of Hayward case closure recommendation with concurrence from the Regional Water Quality Control Board dated August 13, 2000; and DTSC's clarification letter dated August 15, 2000 regarding groundwater conditions at the subject site.

The subject property is approximately 4.5 acres. Summerhill Homes is acquiring 1.1 acres of the property for residential development. The remaining 3.4 acres will be developed as a park.

Review of the referenced reports showed the following results:

- Polycyclic aromatic hydrocarbons (PAHs) were detected in three of the sixteen soil samples at concentrations below EPA Region 9 Residential Preliminary Remedial Goals (PRGs) with the exception of benzo(a)pyrene. Soil sample GMX-HRD7-1.5 detected 85 ug/kg benzo(a)pyrene above PRG levels of 62 ug/kg. Further evaluation of the data collected for the site showed 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 and maybe due to laboratory contamination. Although VOC's were detected in soil, their concentrations were all below the residential PRGs.
- Total Petroleum Hydrocarbon as motor oil (TPHmo) was detected at 130 mg/kg in soil sample GMX-HRD6-1.0. TPHmo has no established PRGs. PAHs detected in this sample were below the residential PRGs.

Mr. Hugh Murphy
RE: HARD, Hayward, CA
September 13, 2000
Page 2 of 2

- Pesticide (4,4-DDE) was detected in one of the soil samples (GMX-HRDI-1.5) at 8.1 ug/kg below the residential PRG level (1,700 ug/kg).
- Groundwater sample (TH-1) collected at the site showed no detectable level of TPH gasoline, benzene, toluene, ethylbenzene and xylene.

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) and San Francisco Bay Regional Water Quality Control Board (RWQCB) findings listed below:

- No further action is required for the HARD property.
- 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

cc: Mee Ling Tung, Director, Environmental Health Services
Ariu Levi, Chief, Hazardous Materials Program
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, 12th Floor, Oakland, CA 94612
✓ Kimberly Brandt, LFR, 1900 Powell Street, 12th Floor, Emeryville, CA 94608
SH/ files

Hugo, Susan, Public Health, EHS

From: Annina Antonio [AAntonio@dtsc.ca.gov]
Sent: Tuesday, August 29, 2000 11:41 AM
To: shugo@co.alameda.ca.us; AHolbrow@geomatrix.com; rdb@rb2.swrcb.ca.gov
Cc: dannyg@ci.hayward.ca.us; DTsuji@dtsc.ca.gov
Subject: Re: Canterbury Residential Development Update - Upcoming sampling at occupied lots

Thank you for advising DTSC on this recent development pertaining to additional sampling at the Canterbury Site in Hayward.

The VCA between the City of Hayward and DTSC needs to be amended. We hope to do this as soon as Hugh Murphy gets back from vacation.

Please inform us which specific lots will be sampled.

Thank you.

Nina Antonio

Ann Holbrow <AHolbrow@geomatrix.com> 08/24/00 01:46PM >>>

In July, SummerHill sent a letter to homeowners offering to do soil sampling at the lots that have not been sampled during previous activities because they had been occupied by the new homeowners. As a result of that letter at least 16 homeowners have requested sampling at their lots. Geomatrix is working with the City of Hayward to prepare a work plan for these sampling activities, which will be distributed to your attention next week. Access and scheduling is still in progress, but the hope is to collect samples in September.

Ann



Department of Toxic Substances Control

Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721



Gray Davis
Governor

Winston H. Hickox
Secretary for
Environmental
Protection

August 15, 2000

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

Dear Mr. Murphy:

At the request of the City of Hayward (City), the Department of Toxic Substances Control (DTSC) is writing this letter of clarification regarding groundwater conditions at the Canterbury Site including the adjacent 3.4 acre property of the Hayward Area Recreation District (HARD).

As discussed in our letter dated July 18, 2000, groundwater condition at the HARD property was evaluated by DTSC based on the June 27, 1991 report prepared by Earth Science Environmental. The report included groundwater sampling results which were all below detection limits. DTSC also reviewed a letter of concurrence dated May 3, 2000 signed by the San Francisco Regional Water Quality Control Board (SFRWQCB) indicating soil and groundwater impacts do not pose a significant threat to groundwater resources under current site conditions and that no further investigation, cleanup, or monitoring is required. Based on our evaluation of the above referenced documents, no further action is required by DTSC.

If you have any questions, please call Annina Antonio at (510) 540-3814.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California
Coastal Cleanup Operations Branch

00 AUG 18 PM 3:15

CALIFORNIA
ENVIRONMENTAL
PROTECTION

cc: Susan L. Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 240
Alameda, California 94502-6577

Roger Brewer
San Francisco Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612



Department of Toxic Substances Control

Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721



Winston H. Hickox
Secretary for
Environmental
Protection

Gray Davis
Governor

July 18, 2000

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

Dear Mr. Murphy:

The Department of Toxic Substances Control (DTSC) has completed its review of the soil samples and groundwater data gathered for the 3.4 acre property of the Hayward Area Recreation District (HARD). The data reviewed included "Phase II Environmental Site Assessment - 695 Industrial Parkway, Hayward, California dated June 17, 1991, "Results of Phase II Investigation - Hayward Area Recreational District Property" (Report) dated June 1, 2000, the June 9, 2000 letter from Geomatrix to the City of Hayward Fire Department summarizing groundwater conditions at the HARD property, and the July 6, 2000 letter from Geomatrix to DTSC clarifying some technical issues regarding soil sampling. The HARD reports addressed the 4.5 acre original total park area, and the 3.4 acre (total park area less 1.1 acre proposed for development as part of the Canterbury Residential Development) property which is planned for park development. This letter summarizes DTSC's comments on the data submitted.

Soil sampling analytical results from the HARD property showed benzo(a)pyrene in two of the samples. One of the samples (GMX-HRD7-1.0) showed PAHs above the US EPA Region IX's residential preliminary remediation goal (PRG). Current procedures require that benzo(a)pyrene equivalency be calculated if polynuclear aromatic hydrocarbons (PAHs) are present. This procedure was completed for the samples which showed the PAHs; calculated levels were found to be typical of what DTSC has seen as soil background levels. Based on these, DTSC has concluded that levels found are within background and that cleanup for PAHs affected soils is not warranted.

Total petroleum hydrocarbons (TPH) as motor oil were detected in one of the shallow soil samples (GMX-HRD6-1.0) at 130 parts per million (ppm). There are no state or federal adopted cancer potency factors or soil cleanup values for TPH other than the California Regional Water Quality Control Board (San Francisco Bay Region, June 21, 1994) value of 1,000 ppm for residential use. Review of the submitted data indicates that the levels found are within acceptable residential cleanup values and no further characterization or cleanup is required for TPH.

California Environmental Protection Agency
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Mr. Murphy
July 18, 2000
Page Two

The pesticide 4,4-DDE was detected in one of the soil samples (GMX-HRD1-1.5) at 8.1 ppb which is below the residential PRG level of 1.7 ppm. As discussed in earlier letters from DTSC, Preliminary Remediation Goals (PRGs) are health based screening values established by US EPA's Region IX. If contaminant levels are found below PRG levels, exposure to these contaminants will not cause adverse health effects. Based on the contaminant level detected for the pesticide 4,4-DDE, no cleanup for this contaminant is required by DTSC.

Groundwater conditions at the HARD property were evaluated in the June 1991 report and is also summarized in the June 9 letter reviewed by DTSC. Groundwater at the site was encountered at a depth of 12 feet below ground surface. A groundwater sample collected from a monitoring well installed at the site was analyzed for the presence of TPH as gasoline and gasoline constituents (benzene, toluene, ethylbenzene and total xylenes (BTEX). All groundwater results were below detection limits. ~~In addition, the San Francisco Regional Water Quality Control Board (SFRWQCB) has determined in a March 30, 2000 letter that no additional groundwater monitoring wells would be required.~~

see 8/15/00
DTSC
clarification
letter
ROB

Based on the soil and groundwater data summarized above for the HARD property, no further action is required by DTSC. Exposure of park visitors or maintenance workers to the soils will not result in adverse health effects.

If you have any questions, please call Annina Antonio at (510)540-3814.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California
Coastal Cleanup Operations Branch

cc: Susan L. Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 240
Alameda, California 94502-6577

Roger Brewer
San Francisco Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

2101 Webster Street
12th Floor
Oakland, CA 94612
(510) 663-4100 • FAX (510) 663-4141



July 6, 2000
Project 6262.000

ENVIRONMENTAL
PROTECTION

00 JUL -7 PM 3:55

Shic 6669

Ms. Denise Tsuji
Department of Toxic Substances Control
Site Mitigation Branch
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2737

Subject: Response to Questions on Results of Phase II Investigation -
Hayward Area Recreation District Property
695 Industrial Parkway
Hayward, California

Dear Ms. Tsuji:

During a phone call with Ms. Nina Antonia of the Department of Toxic Substances Control (DTSC) on July 5, 2000, we discussed DTSC's review of "Results of Phase II Investigation - Hayward Area Recreation District Property."¹ During the phone call, DTSC staff raised two questions regarding the Phase II analytical program; this letter summarizes those questions and provides responses. Ms. Antonia indicated receipt of these responses would allow DTSC's review of conditions at the Hayward Area Recreation District Property (HARD property) to be completed.

1. Please clarify the description of methylene chloride and acetone in samples as laboratory contamination?

Methylene chloride and acetone are common chemicals used by laboratories, which can be detected at low concentrations as a result of laboratory contamination of the sample during preparation and/or analysis. Both methylene chloride and acetone were detected in the method blank, which should not have detectable levels of any analytes. For this reason, concentrations similar to the concentrations in the method blank were considered likely to be the result of laboratory contamination. In summary:

- The laboratory identified all detections of methylene chloride as a result of laboratory contamination.
- Five soil samples contained detectable levels of acetone. The laboratory identified two samples as likely containing acetone as a result of laboratory contamination on the laboratory report. Three soil samples contained acetone at concentrations two to six times higher than the method blank concentration; the laboratory considered only a small portion of these concentrations to be related to laboratory contamination. Analytical results and associated QA/QC issues are summarized in Table 1 of the Phase II report.

Regardless of their presence as a result of laboratory contamination or site conditions, all concentrations of methylene chloride and acetone were well below their respective U.S. EPA

¹ Geomatrix Consultants, Inc., 2000, Results of Phase II Investigation - Hayward Area Recreation District Property, Hayward Area Recreation District Property, April 28.

Ms. Denise Tsuji
Department of Toxic Substances Control
July 6, 2000
Page 2

residential preliminary remediation goals (PRGs; 1999) as presented in the Phase II investigation report.

2. *Why were metals not included as analytes in the Phase II Investigation?*

Based on previous sampling results at the HARD property, historic site use, and sampling results at the adjacent properties, metals were not included as analytes in Geomatrix's Phase II Investigation for the HARD property. In the previous Phase II investigation (1991), Earth Systems Environmental, Inc. (ESE) analyzed three soil samples for total chromium and lead. The samples were collected from shallow soil in areas where visible soil staining was observed. The concentrations of total chromium (22, 16.4, and 18.5 mg/kg) and lead (42.3, 9.32, and 8.92 mg/kg) were well below their respective U.S. EPA residential PRGs for soil (210 mg/kg for total chromium and 400 mg/kg for lead) and DTSC's residential PRG of 146 mg/kg for soil based on the Lead Spread Model for lead exposure. Based on historic site use (presented in the Phase I assessment²), metals were not likely to be present at elevated concentrations at the HARD property. Additionally, metals were not identified as chemicals of potential concern in previous sampling conducted throughout the Canterbury Residential Development, which had similar historical use to the HARD property in some areas.^{3,4,5}

I hope these answers are sufficient for you to complete your review. If you have any further questions, please let me know as soon as possible.

Sincerely,

GEOMATRIX CONSULTANTS, INC.



Ann M. Holbrow
Senior Scientist

AMH/pp
I:\Doc_Safe\6000s\6262\HARD Property\DTSC Questions2.doc

cc: Hugh Murphy – City of Hayward Fire Department
Susan Hugo – Alameda County Health Care Services
Roger Brewer – Regional Water Quality Control Board, San Francisco Bay Region
Mark Beskind – SummerHill Homes
Kim Brandt – LFR Levine*Fricke

² Geomatrix, 2000, Phase I Environmental Site Assessment, Canterbury Residential Development and Hayward Area Recreation District Park, April 10.

³ Geomatrix, 2000, Soil Sampling Results – Telford Court, Canterbury Residential Development, Hayward, California, March 30.

⁴ Geomatrix, 2000, Soil Sampling Results – Holyoke Street, Branaugh Court, Mediterranean Avenue, and Chesterfield Court, April 10.

⁵ Geomatrix, 2000, Final Soil Sampling Results – Unoccupied Residential Lots, Hayward, California, April 28.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

May 16, 2000

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

**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.

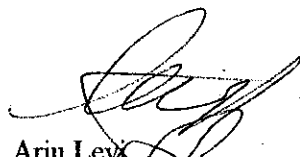
Based on the review of the data provided in the reports and with the provision that the information is accurate and representative of site conditions, this agency concurs with the Department of Toxic Substances Control (DTSC) findings listed below:

- 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, 12th Floor, Oakland, CA 94612
Kimberly Brandt, LFR, 1900 Powell Street, 12th Floor, Emeryville, CA 94608
SH/ files



Winston H. Hickox
Secretary for
Environmental
Protection

Department of Toxic Substances Control

Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721



Gray Davis
Governor

FAX TRANSMITTAL SHEET

Date: 5/12/00 Number of Pages Including Cover: 4

Deliver to: ~~Hugh Murphy~~
~~Roger Brewer~~
Susan Hugo Fax: _____

From: Denise Tsui Phone: _____

Comments:

re: Canterbury Homes

This fax came from Cal/EPA DTSC NCCCOB Berkeley Office, Fax Number (510) 540-3819. If you have any problems with this transmission, or if you have not received all of the pages, please call (510) 540-3724.



Department of Toxic Substances Control
ENVIRONMENTAL PROTECTION

00 MAY 16 PM 4: 23 Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721

Winston H. Hickox
Secretary for
Environmental
Protection



Gray Davis
Governor

May 12, 2000

Mr. Hugh J. Murphy
City of Hayward Fire Department
777 B Street
Hayward, California 94544-5007

Dear Mr. Murphy:

The Department of Toxic Substances Control (DTSC) has completed its review of the soil samples and groundwater data gathered for unoccupied residential lots located at the Canterbury Site in Hayward, California. The data reviewed included "Final Soil Sampling Results - Unoccupied Residential Lots" dated April 28, 2000, and letters from Geomatrix dated May 9 and 10 of 2000 to the City of Hayward Fire Department. Based on the data submitted for the unoccupied lots at the Canterbury Site, no further action is required by DTSC.

Soil sampling analytical results from Lots 11 and 12 along Stonehaven Court initially detected benzo(a)pyrene above the U.S. EPA Region IX's residential preliminary remedial screening goal (PRG). Current procedures require that benzo(a)pyrene equivalency be calculated if petroleum aromatic hydrocarbons (PAHs) are present. This procedure was completed for the samples and levels found are typical of what DTSC has seen background soils. Additional samples were collected for Lots 11 and 12 and the PAHs values could not be reproduced. Based on this, DTSC does not feel cleanup is warranted and the levels found are within background.

Total petroleum hydrocarbon (TPH) as motor oil was detected in the shallow soils. There are no state or federal adopted cancer potency factors or soil cleanup values for TPH other than the California Regional Water Quality Control Board (San Francisco Bay Region, June 21, 1994) value of 1,000 parts per million (ppm) for residential use. Only two shallow soil samples were at or slightly above 1000 limit. Review of the data indicates that the levels found are within acceptable residential values and no further characterization or cleanup is required for TPH.

For deeper soil samples at 5 and 6.5 feet, TPH as motor oil was detected at 1600 and 5400 ppm. The higher sample was found within the area where an underground storage tank was located. Removal of all contaminated soil could not be done due to above ground building structures. The location of the underground storage tank is not



Mr. Murphy
May 12, 2000
Page 2

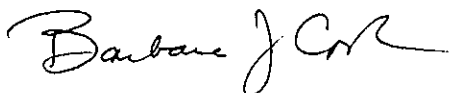
within this redevelopment area and no new residential homes have been constructed on top of this site. The other sample detecting 1600 ppm was found at five feet below ground. Because this sample was found at depth and no other sample showed elevated levels of TPH, DTSC feels this is an isolated hit and feels that no additional site characterization or cleanup is required.

A single gravel sized particle was collected at 2.5 feet depth and submitted to the laboratory for asbestos analysis. Results showed 20% chrysotile asbestos content. Additional soil samples were collected and asbestos was not detected. In addition, the consultant evaluated all other core samples to determine if a similar gravel particle sample could be found and there was none. This isolated asbestos presence was considered not significant based on the absence of asbestos in the additional soil samples collected and that other core samples did not contain similar appearing soil material.

As part of the phase I evaluation, samples were collected to determine if metals and pesticides were a concern. Levels found were either background levels or below the U.S. PRG residential values. As for groundwater, 19 grab groundwater samples were collected and analyzed for TPH, volatile/semi-volatile organic compounds, and metals. Only chromium, cadmium, and nickel were found to be above the state drinking water standards. The samples appeared not to have been filtered. Thus, the detections may be related to suspended sediments within the sample. Since there was no metal source found on the site and the levels found appear to be consistent to background soil results, no further action is required for the groundwater. The Regional Water Quality Board also determined in a March 30, 2000 letter that groundwater monitoring wells would not be required.

If you have any questions, please call Annina Antonio at (510)540-3814.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California
Coastal Cleanup Operations Branch

cc: Susan L. Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 240

Mr. Murphy
May 12, 2000
Page 3

Alameda, California 94502-6577

Roger Brewer
San Francisco Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

May 10, 2000

Ms. Denise Tsuji
Department of Toxic Substances Control
Site Mitigation Branch
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2737

Subject: Response to Comments on Final Soil Sampling Results --
Unoccupied Residential Lots
Canterbury Residential Development
Hayward, California

Dear Ms. Tsuji:

During a conference call on May 9, 2000, we discussed comments you had following your review of "Final Soil Sampling Results - Unoccupied Residential Lots" (Geomatrix, April 28, 2000). This letter summarizes those comments and provides responses, which you indicated would allow your review of conditions at the unoccupied lots to be completed.

1. Why were metals and pesticides not included in sampling conducted on unoccupied lots?

Based on historical use of the properties for agriculture, storage of recreational vehicles (RVs) or truck trailers, and automotive repair, metals and pesticides were initially considered chemicals of potential concern at the site. During previous sampling efforts, documented in the "Phase I Site Assessment" (Geomatrix, April 11, 2000) and "Soil Sampling Results - Telford Court" (Geomatrix, March 30, 2000), 56 samples for metals analysis, an additional eight samples for lead analysis, and 35 samples for pesticide analysis were collected. The metals results were generally consistent across the site and were considered representative of background concentrations. Low levels of pesticides were detected in seven shallow samples, but were well below preliminary remediation goals for those chemicals. Based on these sample results, metals and pesticides were not considered as chemicals of potential concern for sampling at the unoccupied lots.

2. What was the rationale for collecting samples to depths of 9 feet bgs in the vicinity of Chesterfield Court and shallow depths at other locations?

Based on information provided by TerraSearch in their "Summary of Environmental Activities" (March 10, 2000), excavation in the vicinity of Chesterfield Court was to 6 feet in most areas and to 7 feet in the vicinity of Lot 78 in the southern tract. During sampling at the unoccupied lots, borings in the vicinity of Chesterfield Court were advanced to a depth of 9 feet below ground surface in an effort to sample native soil. Based on field observations, fill material in this area was at depths from 2 to 6 feet bgs indicating the 9 foot sample was likely to be in native soil. Only shallow soil samples (1 foot bgs) were collected from lots beyond

Ms. Denise Tsuji
Department of Toxic Substances Control
May 10, 2000
Page 2

the vicinity of Chesterfield Court because the results of previous sampling, indicated affected soil in this area was limited to the shallow depths (samples at 1 foot bgs).

3. *What were the sources of fill material?*

Fill material for the excavation area was a combination of material cut from other areas of the site and material from off site. Based on information provided by SummerHill Home's, fill material was imported from three locations:

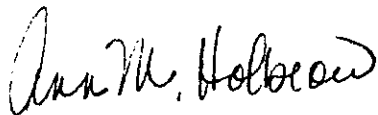
- SummerHill Homes' Summer Glen project located at Hacienda Drive and Central Parkway in Dublin, California
- La Vista Quarry located at 28814 Mission Boulevard in Hayward, California
- Smiser Property located at 2340 Industrial Parkway in Hayward, California

4. *What was the rationale for analyzing 1-foot samples to evaluate potential for asbestos to be present in soil?*

During sample collection activities, a gravel-sized particle potentially containing asbestos was identified in a sample core at 2.5 feet bgs, which was not a designated sample depth. The particle was analyzed for asbestos and chrysotile asbestos was identified (20%). To evaluate the potential for asbestos to be generally present in soil with the potential to be a significant source of exposure, ten soil samples collected at 1.5 feet bgs were analyzed for asbestos. Grading and overexcavation activities had generally mixed the top 3 feet of soil. As such, samples within this top 3 feet, regardless of depth, were considered to be representative of material present throughout the entire 3 feet. The soil samples did not contain asbestos, indicating a significant source of asbestos that could result in potential exposure was not present in soil at the development.

I hope these answers are sufficient for you to complete your review. If you have any further questions, please let me know as soon as possible.

Sincerely,
GEOMATRIX CONSULTANTS, INC.



Ann M. Holbrow
Senior Scientist

Ms. Denise Tsuji
Department of Toxic Substances Control
May 10, 2000
Page 3

cc: Hugh Murphy – City of Hayward Fire Department
 Susan Hugo – Alameda County Health Care Services
 Roger Brewer – Regional Water Quality Control Board, San Francisco Bay Region
 Mark Beskind - SummerHill Homes
 Kim Brandt – LFR Levine*Fricke

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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 - Hoyoce 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

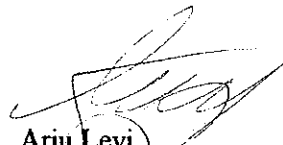
Based on the review of the data provided in the reports and with the provision that the information is accurate and representative of site conditions, this agency concurs with the Department of Toxic Substances Control (DTSC) findings listed below:

- 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, 12th Floor, Oakland, CA 94612
Kimberly Brandt, LFR, 1900 Powell Street, 12th Floor, Emeryville, CA 94608
SH/ files,



CITY OF
HAYWARD
HEART OF THE BAY

ENVIRONMENTAL
PROTECTION

00 MAY -1 PM 4:46

April 27, 2000

Tom Peacock, Manager
Local Oversight Program
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Tom,

Subject: Summerhill Homes, Hayward, CA 94545

On June 3, 1999, your office issued a "no further action is required" letter to the development site captioned above. That letter, signed by Madhullah Logan, was based on site assessment reports and subsurface investigations prepared and conducted by Terrasearch Inc., consultants for the developers. It also assumed that the information provided to your office was "accurate and representative of site conditions."

The environmental investigation was conducted in February 1998. It focused on soil and groundwater condition around the former auto repair shops and possible contamination from pesticides and auto-related contaminants such as petroleum hydrocarbons and volatile organics. No significant contamination was reported based on laboratory results.

As you are aware, the Hayward Fire Department (HFD) came across additional information that suggested that the investigation performed and the reports provided to your office did not represent site conditions at this development. To ascertain actual conditions of soil and groundwater in the subject development, HFD has engaged the services of Geomatrix to conduct a subsurface investigation independent of the developer.

We have been working with Susan Hugo on this case and have submitted \$3000 in a deposit refund account with your agency to cover your costs. Susan has advised us that we request in writing that the Alameda County Department of Environmental Health (ACDEH) review and evaluate the results of the new subsurface investigations that HFD has commissioned Geomatrix to do, and if warranted, issue a "no further action" letter. We envision three phases of evaluation: 1) Telford Court & City streets, 2) remaining housing development and 3) HARD Park.

If you have any questions regarding the details of this case, please call me at (510) 583-4924.

Sincerely,

Hugh Murphy
Hazardous Materials Program Coordinator

HM/ltt

cc: Mike Hyde, Fire Marshal
Steven Buscovich, Hazardous Materials Investigator
Susan Hugo, ACHCSA

FIRE DEPARTMENT, HAZARDOUS MATERIALS OFFICE • 777 B STREET, HAYWARD, CA 94541-5007 • 510/583-4910

FAX

from **Geomatrix Consultants, Inc.**
2101 Webster Street, 12th Floor, Oakland, CA 94612
www.geomatrix.com

**Date:** April 26, 2000**Number of pages**
including cover sheet: 3

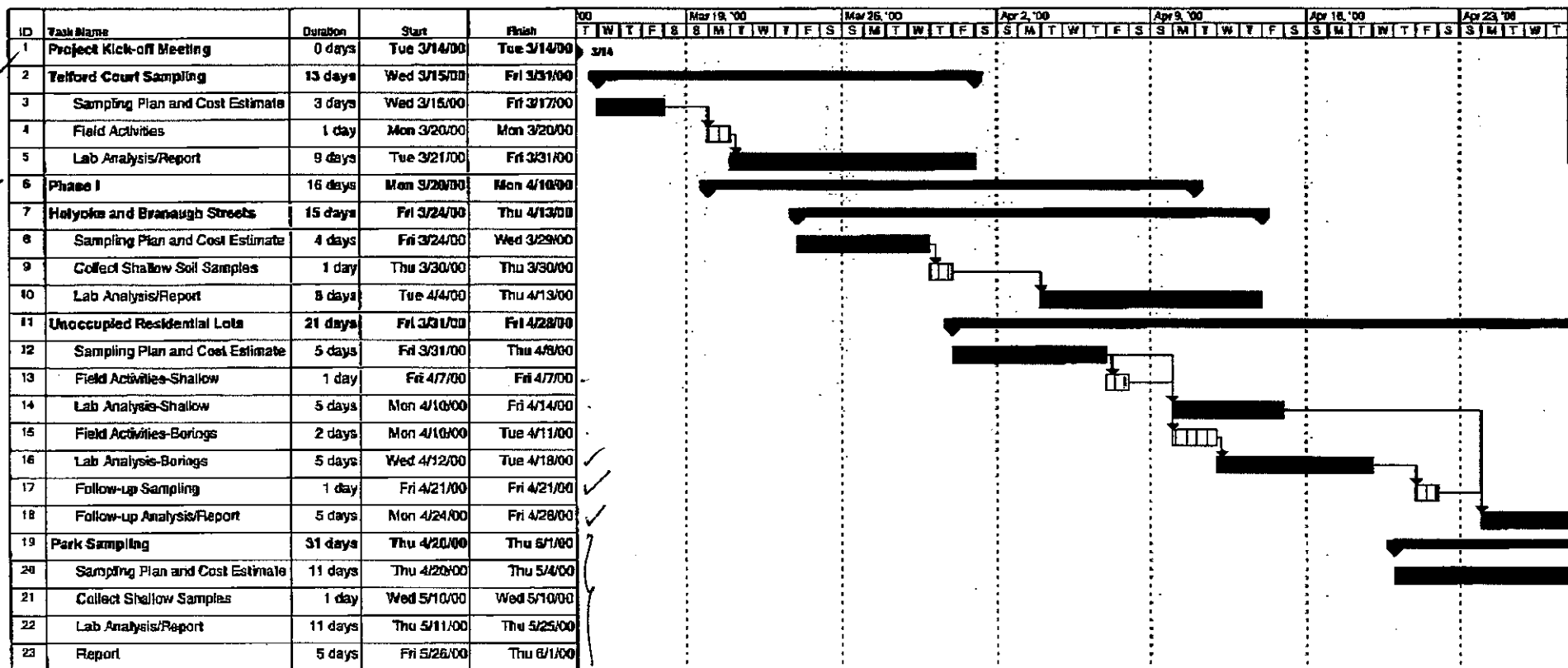
The information in this telecopy is intended for the named recipient(s) only. It may contain privileged and confidential matter. If you have received this telecopy in error, please notify the sender immediately. Thank you.

To: Hugh Murphy: 510-583-3641**Susan Hugo: 510-337-9335****Roger Brewer: 510-622-2460****Denise Tsuji: 510-540-3819****Kim Brandt: 510-652-2246****Mark Beskind: 650-857-1077****Fax Phone:****Phone:****cc:****Susan Gallardo****From: Ann Holbrow and Tom Gavigan****Fax Phone: 510-663-4141****Phone: 510-663-4100****Direct dial:****Email:****Project No.: 6262.000.0****Project Name: Canterbury Residential Development****REMARKS:**

☐ Hard copy to follow ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

I've attached an update to the project schedule to show what's been accomplished. The primary outstanding task is to complete sampling activities at the Park site. We anticipate distributing the work plan to the group on Thursday, May 4, 2000, and will be collecting samples on Wednesday, May 10, 2000.

Oakland, CA • San Leandro, CA • Fremont, CA • Sacramento, CA • Costa Mesa, CA • Austin, TX • Houston, TX
Minneapolis, MN • Detroit, MI • Buffalo, NY • Chicago, IL • Niagara Falls, ON • Kitchener-Waterloo, ON



Project: Century Residential Devk
Date: Wed 5/3/00

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

Rolled Up Program

External Task

Project Summary

ID	Task Name	Duration	Start	Finish	Apr 30, '00							May 7, '00							May 14, '00							May 21, '00							May 28, '00							Jun 4, '00							Ju
					F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S						
1	Project Kick-off Meeting	0 days	Tue 3/14/00	Tue 3/14/00																																											
2	Telford Court Sampling	13 days	Wed 3/15/00	Fri 3/31/00																																											
3	Sampling Plan and Cost Estimate	3 days	Wed 3/15/00	Fri 3/17/00																																											
4	Field Activities	1 day	Mon 3/20/00	Mon 3/20/00																																											
5	Lab Analysis/Report	9 days	Tue 3/21/00	Fri 3/31/00																																											
6	Phase I	16 days	Mon 3/20/00	Mon 4/10/00																																											
7	Holyoke and Branaugh Streets	15 days	Fri 3/24/00	Thu 4/13/00																																											
8	Sampling Plan and Cost Estimate	4 days	Fri 3/24/00	Wed 3/29/00																																											
9	Collect Shallow Soil Samples	1 day	Thu 3/30/00	Thu 3/30/00																																											
10	Lab Analysis/Report	8 days	Tue 4/4/00	Thu 4/13/00																																											
11	Unoccupied Residential Lots	21 days	Fri 3/31/00	Fri 4/28/00																																											
12	Sampling Plan and Cost Estimate	5 days	Fri 3/31/00	Thu 4/6/00																																											
13	Field Activities-Shallow	1 day	Fri 4/7/00	Fri 4/7/00																																											
14	Lab Analysis-Shallow	5 days	Mon 4/10/00	Fri 4/14/00																																											
15	Field Activities-Borings	2 days	Mon 4/10/00	Tue 4/11/00																																											
16	Lab Analysis-Borings	5 days	Wed 4/12/00	Tue 4/18/00																																											
17	Follow-up Sampling	1 day	Fri 4/21/00	Fri 4/21/00																																											
18	Follow-up Analysis/Report	5 days	Mon 4/24/00	Fri 4/28/00																																											
19	Park Sampling	31 days	Thu 4/20/00	Thu 6/1/00																																											
20	Sampling Plan and Cost Estimate	11 days	Thu 4/20/00	Thu 5/4/00																																											
21	Collect Shallow Samples	1 day	Wed 5/10/00	Wed 5/10/00																																											
22	Lab Analysis/Report	11 days	Thu 5/11/00	Thu 5/25/00																																											
23	Report	5 days	Fri 5/26/00	Thu 6/1/00																																											

Project: Canterbury Residential Develop
 Date: Wed 5/3/00

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

CITY OF HAYWARD

Fire Department

FAX TRANSMITTAL FORM
FAX (510) 583-3641

DATE:

4 / 26 / 00

TO:

~~Alice~~ Susan Hugo

Organization:

ACHCSA

FAX Number:

337-9335

FROM:

Hugh Murphy

☐ Urgent☐ Per your request☐ Please Reply☐ RecycleFire Prevention Office
Tel. (510) 583-4900Hazardous Materials Office
Tel. (510) 583-4910

Number of pages including this cover:

2

COMMENTS:



CITY OF
HAYWARD
HEART OF THE BAY

April 27, 2000

Tom Peacock, Manager
Local Oversight Program
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Tom,

Subject: Summerhill Homes, Hayward, CA 94545

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As you are aware, the Hayward Fire Department (HFD) came across additional information that suggested that the investigation performed and the reports provided to your office did not represent site conditions at this development. To ascertain actual conditions of soil and groundwater in the subject development, HFD has engaged the services of Geomatrix to conduct a subsurface investigation independent of the developer.

We have been working with Susan Hugo on this case and have submitted \$3000 in a deposit refund account with your agency to cover your costs. Susan has advised us that we request in writing that the Alameda County Department of Environmental Health (ACDEH) review and evaluate the results of the new subsurface investigations that HFD has commissioned Geomatrix to do, and if warranted, issue a "no further action" letter. We envision three phases of evaluation: 1) Telford Court & City streets, 2) remaining housing development and 3) HARD Park.

If you have any questions regarding the details of this case, please call me at (510) 583-4924.

Sincerely,

Hugh Murphy
Hazardous Materials Program Coordinator

HM/ltt

cc: Mike Hyde, Fire Marshal
Steven Buscovich, Hazardous Materials Investigator
Susan Hugo, ACHCSA

FIRE DEPARTMENT, HAZARDOUS MATERIALS OFFICE • 777 B STREET, HAYWARD, CA 94541-5007 • 510/583-4910

FAXfrom **Geomatrix Consultants, Inc.**2101 Webster Street, 12th Floor, Oakland, CA 94612
www.geomatrix.com**GEOMATRIX**

Date: April 25, 2000

Number of pages
including cover sheet: 1

The information in this telecopy is intended for the named recipient(s) only. It may contain privileged and confidential matter. If you have received this telecopy in error, please notify the sender immediately. Thank you.

To: **Hugh Murphy: 510-583-3641****Susan Hugo: 510-337-9335****Roger Brewer: 510-622-2460****Denise Tsuji: 510-540-3819****Kim Brandt: 510-652-2246****Mark Beskind: 650-857-1077**

Fax Phone: _____

Phone: _____

cc: **Susan Gallardo**From: **Ann Holbrow and Tom Gavigan**Fax Phone: **510-663-4141**Phone: **510-663-4100**

Direct dial: _____

Email: _____

Project No.: **6262.000.0**Project Name: **Canterbury Residential Development****REMARKS:**☐ Hard copy to follow ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

We're still waiting for the analytical results for the samples we collected on Friday (arriving at the laboratory on Monday). As a result, our report will not be available by fax until tomorrow. We will send a hard copy out on Wednesday afternoon. Sorry for any inconvenience.

Oakland, CA • San Leandro, CA • Fresno, CA • Sacramento, CA • Costa Mesa, CA • Austin, TX • Houston, TX
Minneapolis, MN • Detroit, MI • Buffalo, NY • Chicago, IL • Niagara Falls, ON • Kitchener-Waterloo, ON



Winston H. Hickox
Secretary for
Environmental
Protection

Department of Toxic Substances Control

Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721



Gray Davis
Governor

FAX TRANSMITTAL SHEET

Date: 4/25/00 Number of Pages Including Cover: 5

Deliver to: SUSAN HUGO Fax: 510-337-9325

From: NINA ANTONIO Phone: 570-540-3814

Comments:

Comments:

Order to sign letter
County reviewed reports
County requires no further action
County concurs at DISC is
that no further action is
required.

Mr. King -

per nine - need more info on park.
Reported Hugh Murphy to send letter to Co.

This fax came from Cal/EPA DTSC NCCCOB Berkeley Office,
Fax Number (510) 540-3819. If you have any problems with
this transmission, or if you have not received all of the pages,
please call (510) 540-3724.



ENVIRONMENTAL
PROTECTION

00 APR 27 AM 9:01

Winston H. Hickox
Secretary for
Environmental
Protection

Department of Toxic Substances Control

Edwin F. Lowry, Director
700 Heinz Avenue, Bldg. F, Suite 200
Berkeley, California 94710-2721



Gray Davis
Governor

April 24, 2000

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

Dear Mr. Murphy:

The Department of Toxic Substances Control (DTSC) has completed its review of reports containing data gathered for some portions of the Canterbury Site (Site) located in Hayward, California. Reports reviewed include: Soil Sampling Results - Telford Court dated March 30, 2000; and Soil Sampling Results - Holyoke Street, Branaugh Court, and Silverstar Lane dated April 12, 2000. This letter summarizes DTSC's review of soil sampling activities conducted at eight residential lots on Telford Court and at locations underneath Holyoke Street, Branaugh Court, and Silverstar Lane.

Soil sampling analytical results from the Telford Court area indicated the presence of the following contaminants: metals, pesticides, polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), and petroleum hydrocarbons (TPHs). Laboratory analysis for polychlorinated biphenyls (PCBs) did not show any detectable levels of the substance. Preliminary Remediation Goal (PRG) concentrations are health based screening values established by U.S. EPA Region 9; if contaminants are found below PRG levels, exposure to these contaminants will not cause adverse health effects.

- Of the eleven metals detected on-site, only arsenic was detected at a level exceeding U.S. EPA Region 9's residential Preliminary Remediation Goal (PRG) concentration of 0.32 ppm. The maximum arsenic concentration detected at the site was 7.2 ppm.
- Pesticides detected include: dieldrin, 4,4-DDE and eldrin aldehyde; concentrations were all below residential PRGs.
- Analysis of PAHs showed the presence of benz(a)anthracene, benzo(b)fluoranthene, chrysene and benzo(a)pyrene in one location (GMX40C-1.5). Initial samples from this location showed PAH levels which approximate background concentrations in residential soils. Reanalysis of the sample resulted in levels which were below quantitation limits.

California Environmental Protection Agency

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- VOCs detected include: methylene chloride, naphthalene, 1,3,5-trimethylbenzene and 1,2,4-trimethylbenzene. Concentrations were all below residential PRGs.
- TPH as motor oil was detected at a maximum level of 760 ppm. TPH has no corresponding PRG standard.

Analytical results for soil and groundwater samples collected in March 2000 by ACC Environmental and Geomatrix Consultants from beneath Holyoke Street, Branaugh Court and Silverstar Lane were discussed in the Soil Sampling Results report dated April 12, 2000. Sampling activities were conducted in this area to evaluate whether disturbance of potentially affected soil pose a health threat to street maintenance or utility workers. The following contaminants were detected from the soil samples: metals, TPH, total oil and grease (TOG), VOCs, and SVOCs. Grab groundwater samples showed the presence of TPH, VOCs, and SVOCs, and metals.

- ACC sampling consisted of both soil and groundwater samples. TPH was detected in soil at concentrations as high as 3,200 ppm. The VOCs detected in soil were: ethyl benzene (maximum level - 6.9 ppb; isopropyl benzene (maximum level - 24 ppb); naphthalene (maximum level - 93 ppb). 2-methyl naphthalene as high as 170 ppb was also detected. The VOCs and SVOC were below residential PRGs. The metals chromium, cadmium, lead, nickel and zinc were all also detected at levels way below residential PRGs. The groundwater grab samples were analyzed for TPH, VOCs, SVOCs, and metals. Organic contaminant levels were below maximum contaminant levels (MCLs). Cadmium, chromium and nickel showed in levels above MCLs.
- Geomatrix sampling consisted of soil samples collected from borings adjacent to ACC sampling locations and at depths usually used for utility maintenance work (2.5 to 5.5 feet). TPH as motor oil was detected from both shallow and deep soil samples as high as 580 ppm. There are no state or federal adopted cancer potency factors or soil cleanup values for TPH other than the California Regional Water Quality Control Board (San Francisco Bay Region, June 21, 1994) value of 1,000 ppm for residential use. Naphthalene was detected in soil as high as 62 ppb; acetone was detected at a maximum level of 451 ppb. These concentrations were way below residential PRGs.

As discussed in detail above, soil sampling results from residential lots located on Telford Court were compared and found to be below U.S. EPA residential PRGs, with the exception of arsenic. Exposure to contaminants below PRGs should not cause

Hugh J. Murphy
April 24, 2000
Page Three

adverse health effects. The maximum arsenic concentration at the site was found to be 7.2 ppm. This concentration was in excess of the residential PRG for arsenic which is 0.32 ppm. However, based on findings discussed in a report titled "Protocol for Determining Background Concentrations of Metals in Soil at Lawrence Berkeley National Laboratory", levels of arsenic as high as 31 ppm can be considered background level. Another study conducted in December 1992 at the Pacific States Steel Corporation Site located in Union City, California revealed background levels averaging 8.48 ppm. These studies are consistent and support arsenic background levels in the Canterbury Site. In addition, current procedures require that benzo(a)pyrene equivalency be calculated if PAHs are present. This procedure was completed for the sample which showed PAHs. The PAHs level detected in this sample represent what DTSC has typically seen as background concentrations in residential soil. Based on the review of the above data, no further action is required for the eight lots on Telford Court and they can be occupied for residential use.

Data gathered from soil sampling activities conducted under Holyoke Street, Branaugh Court and Silverstar Lane showed levels below PRGs. Some metals were detected above MCLs in grab samples of groundwater. It is also noteworthy to point out that the groundwater samples were not filtered prior to analysis. Groundwater is not used as a drinking water source for the City of Hayward. Based on the data gathered from samples collected beneath the streets included in this sampling phase, no further action is required for the area. Exposure of street and/or utility workers to soils during maintenance work will not result in adverse health effects.

Please be advised that the no further action on the two areas discussed above is site specific based on submitted information and could be revised if new information necessitating further review of the site becomes available.

If you have any questions, please call Annina Antonio at (510) 540-3814.

Sincerely,

A handwritten signature in black ink, appearing to read "Barbara J. Cook", with a stylized flourish at the end.

Barbara J. Cook, P.E., Chief
Northern California
Coastal Cleanup Operations Branch

Hugh J. Murphy

April 24, 2000

Page Four

cc: Susan Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, #240
Alameda, California 94502-6577

Roger Brewer
San Francisco Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

ALAMEDA COUNTY ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS PROGRAM
DEPOSIT / REFUND ARCHIVED DAILIES STATEMENT FOR WORK AFTER 01/01/1987

database = DAILY ARCHIVES

SITE INFORMATION

City Of Hayward --- 777 B. Street
StID: 6669 Site#: -0- Hayward CA 94541

ARCHIVED DAILY - DEPREF STATEMENT as of 04/24/2000

--INSPECTOR--

Act Date	Initial	Time	\$ Rate	CHARGE	Time	Charge	Billing Date
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No Dailies from Archives for this case

ALAMEDA COUNT ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS PROGRAM

DEPOSIT / REFUND ACCOUNT STATEMENT FOR WORK AFTER 01/01/1987

as of 04/24/2000

database = HAZMAT DAILIES

SITE INFORMATION

City Of Hayward
777 B. Street
Hayward CA 94541
StID: 6669

* IF Site name from HazMat (central) DB
differs from DepRef's Site Name,
PLEASE RECTIFY WITH LPETERS/CMATYS. *

WORK LOG INFORMATION FROM DAILIES (after date:*****)

#	Act Date	Initial	Time	\$ Rate	CHARGE	Time	Charge	Error Code or Billing Date
---	----------	---------	------	---------	--------	------	--------	-------------------------------

Proj#:0

1	03/20/2000	SH	2.50	0.00	2.50	0.00	
Activity Code: 73-Investigation On-Site							
Comment: On site ; met with Steve Buscovich (City of Hayward) & Ann Holbrow (Geomatrix); implementing work plan; borings on each residential houses on Telford Court, analyzing sample from one boring collected in the backyard							

- - SUBTOTAL CURRENT DAILIES, PROJECT 0

2.50 0.00

Proj#:00

2	03/20/2000	SH	0.50	0.00	0.50	0.00	
Activity Code: 75-Review Plans/Reports							
Comment: Review PRGs & MCL cleanup criteria for Summerhill Development, Canterbury Homes at Telford Court.							
3	03/21/2000	SH	0.30	0.00	0.80	0.00	
Activity Code: 77-Meetings, Consultations							

Comment: Talked to Ann Holbrow re: EPA Method 8081/8082;
Summerhill Development, Canterbury Homes at Telford
Court.

4 03/21/2000 SH 0.30 0.00 | 1.10 0.00 |
Activity Code: 77-Meetings, Consultations
Comment: Talked to Hugh Murphy (City of Hayward) re: status of
Summerhill Development, Canterbury Homes at Telford
Court.

5 03/21/2000 SH 3.00 0.00 | 4.10 0.00 |
Activity Code: 75-Review Plans/Reports
Comment: Reviewed Additional Subsurface Site Assessment Report
(5/14/99); Initial Subsurface Environmental Assessment
Report 5/9/98 & Removal & Closure Report 5/7/99 for
Summerhill Development, Canterbury Homes.

Running Total for proj: 00 is 4.1 hours for 0.00 pag 1

===== WORK LOG INFORMATION FROM DAILIES (after date:*****) =====

#	Act Date	--INSPECTOR--		\$ Rate	CHARGE	-PROJECT TOTALS-		Error Code or Billing Date
		Initial	Time			Time	Charge	
=====	=====	=====	=====	=====	=====	=====	=====	===== **

- - SUBTOTAL CURRENT DAILIES, PROJECT 00

4.10

0.00

- -

Proj#:0A

6 03/15/2000 SH 0.40 0.00 | 0.40 0.00 |
 Activity Code: 77-Meetings, Consultations
 Comment: Discuss site with Hugh Murphy (City of Hayward); Phase 1 & Phase 2 clearance from County; oil & grease type contamination; complaint referral from DTSC; road/street used soil with tar like substance; no credibility from developer; Geomatrix will be drilling on Monday; Summerhill Development/ Canterbury Residential Development/ Telford Court.

7 03/16/2000 SH 3.00 0.00 | 3.40 0.00 |
 Activity Code: 77-Meetings, Consultations
 Comment: Meeting with City of Hayward (Hugh Murphy, Steve Buscovich, Fire Chief & Fire Marshall) Geomatrix(susan Gallardo & Ann Holbrow) re; scope of the work to be conducted at Telford Court; Canterbury Residential Development; 8 residential homes; unrestricted occupancy; drilling scheduled for Monday 3/20/2000

8 03/17/2000 SH 1.50 0.00 | 4.90 0.00 |
 Activity Code: 75-Review Plans/Reports
 Comment: Reviewed Summary of Environmental Activity Report for Canterbury Residential Development, Chesterfield Court, Olympic Court, Branaugh Court; Holyoke Court; prepared for Summer Hill Homes & City of Hayward by Terrasearch; dated March 10, 2000.

9 03/23/2000 SH 1.50 0.00 | 6.40 0.00 |
 Activity Code: 75-Review Plans/Reports
 Comment: Reviewed results fax by Geomatrix - sampling for Telford Court, Summerhill Development; Canterbury Homes.

- - SUBTOTAL CURRENT DAILIES, PROJECT 0A

6.40

0.00

- -

Proj#:0B

10 03/24/2000 SH 3.50 0.00 | 3.50 0.00 |
 Activity Code: 77-Meetings, Consultations
 Comment: Meeting with City of Hayward(Hugh Murphy), Summerhill Development(John Broersma & James Gunderson, LFR (Kim Brandt), Geomatrix (Susan Gallardo, Ann Hobrow; Tom Gavin) re: results of sampling at Telford Court, Summerhill Canterbury Homes.

===== WORK LOG INFORMATION FROM DAILIES (after date:*****) =====

--INSPECTOR--						-PROJECT TOTALS-		Error Code or
#	Act Date	Initial	Time	\$ Rate	CHARGE	Time	Charge	Billing Date
=====	=====	=====	=====	=====	=====	=====	=====	===== **
11	03/24/2000	SH	0.50		0.00	4.00	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Talked to Hugh Murphy re; additional soil samples for the Street were contaminated soil was buried; Summerhill Development, Canterbury Homes.							
12	03/27/2000	SH	2.50		0.00	6.50	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Meeting with Roger Brewer (RWQCB), Hugh Murphy (City of Hayward); & Ann Holbrow (Geomatrix) re: additional sampling at the street & gw monitoring wells; Summerhill Development; Canterbury Homes							
13	03/28/2000	SH	0.50		0.00	7.00	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Talked to Hugh Murphy re: workplan by tomorrow for Summerhill Development, CanterburyHomes							
14	03/31/2000	SH	0.50		0.00	7.50	0.00	
	Activity Code: 75-Review Plans/Reports							
	Comment: Reviewed wp for additional sampling at Summerhill Development; Canterbury Homes;							
15	03/31/2000	SH	0.40		0.00	7.90	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Talked to Ann Holbrow re; wp; wells will not be installed per RWQCB							
16	04/04/2000	SH	0.30		0.00	8.20	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Talked to Roger Brewer (RWQCB) re: meeting with DTSC							
17	04/04/2000	SH	0.30		0.00	8.50	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Talked to Hugh Murphy re: PNAs; site status for Canterbury Residential Homes by Summerhill Dev.							
18	04/05/2000	SH	2.80		0.00	11.30	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Meeting with City of Hayward (Hugh Murphy), Geomatrix (Ann Holbrow, Susan Gallardo, Tom Gavin), Summerhill Development(John Broersma & Jim Gunderson), LFR (Kim Brandt) re: results of recent sampling, status of site, further testing required, notification process, involvement by DTSC.							
19	04/06/2000	SH	0.30		0.00	11.60	0.00	
	Activity Code: 77-Meetings, Consultations							
	Comment: Call from Hugh Murphy re; Canterbury Residential Development							

StID: 6669

===== WORK LOG INFORMATION FROM DAILIES (after date:*****) =====

#	Act Date	Initial	Time	\$ Rate	CHARGE	-PROJECT TOTALS- Time	Charge	Error Code or Billing Date
20	04/13/2000	SH	2.50		0.00	14.10	0.00	**

Activity Code: 77-Meetings, Consultations

Comment: Meeting with City of Haywar (Hugh Murphy & Steve Buscovich), DTSC (Denise Tsuji & Nina Antonio), Geomatrix (Ann Holbrow), Summerhill Development (John Broersma & Jim Gunderson) & LFR (Kim Brandt) re: data collected & further samples to be collected for the site; letter needed by City of Hayward (who signed the VCA) from county, DTSC & RWQCB.

- - SUBTOTAL CURRENT DAILIES, PROJECT 0B

14.10

0.00

- -

Running Total for proj: 0B is 14.1 hours for 0.00 pag 4

* ERROR CODE OR BILLING DATE LEGEND:

1/1/97 and beyond: Already or nearly Debited
1/1/87: Ineligible for Debit: either no deposit or neg. closing balance.
1/*/86: Error codes: need fixing before debiting.
1/1/85: Pre 1997 DepRef work marked as Available for Debiting.

===== RECORDS BETWEEN REPRINTS: =====

PROJ#:	StID: 6669							
Date	Action Taken	Init	Time	\$Rate	Charge	Total Time	Total Charges	
-----	-----	-----	-----	-----	-----	-----	-----	
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DRWrkSht; Rev 6/97

No CURRENT DAILIES for this case

Current HazMat Dailies Statement Complete

TOTAL COUNTS: #Current Dailies: 0 Both Archived & Current: 0

Printed: 06/20/2002

***** Alameda County Department of Environmental Health *****
Deposit/Refund Account History

** PROJECT INFORMATION **

Project#: ----99a Date Open:

Date Closed:

Payor Information:

Site Information:

CITY OF HAYWARD
777 B STREET
HAYWARD CA 94541

CITY OF HAYWARD
777 B STREET
HAYWARD CA 94541

** DEPOSIT HISTORY **

Deposit Date	Receipt#	Amount	Received
-----	-----	-----	-----
03/16/2000	846702	\$	3,000.00
		-----	-----
		\$	3,000.00

** WORKLOG HISTORY **

Work Date	Insp	Activity Description / Time Spent (hrs)	Amount	Charged
-----	-----	-----	-----	-----
03/16/2000	adm	Administrative Charge	1.	100.0
			-----	-----
			\$	100.00
			-----	-----
		Balance:\$	2,900.00	Amount Refunded: \$

*RIGHT
01/28/02*

Admin 3 hrs.

63.4

*6/24/02
+ 3.3 hrs 1/28/02 letter
3 hrs 6/24/02 letter
1/28/02 letter
1/28/02 letter*

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 6669
as of 06/21/2002 all Activity Codes

SITE NAME & ADDRESS:

City Of Hayward -- 777 B. Street , Hayward CA 94541

InspDat	Insp Act	InspT	StID	Proj#	COMMENTS	DailBDat
=====	=====	=====	=====	=====	=====	=====

Archived Dailies:

Current Dailies:

InspDat	Insp Act	InspT	StID	DRPro	Comment	DailBDat
✓ 03/15/2000	SH	77	0.4	6669	OA	Discuss site with Hugh Murphy (City of Hayward); Phase 1 & Phase 2 clearance from County; oil & grease type contamination; complaint referral from DTSC; road/street used soil with tar like substance; no credibility from developer; Geomatrix will be drilling on Monday; Summerhill Development/ Canterbury Residentail Development/ Telford Court.
✓ 03/16/2000	SH	77	3.	6669	OA	Meeting with City of Hayward (Hugh Murphy, Steve Buscovich, Fire Chief & Fire Marshall) Geomatrix(susan Gallardo & Ann Holbrow) re; scope of the work to be conducted at Telford Court; Canterbury Residential Development; 8 residentail
						homes; unrestricted occupancy; drilling scheduled for Monday 3/20/2000
✓ 03/17/2000	SH	75	1.5	6669	OA	Reviewed Summary of Environmental Activity Report for Canterbury Residential Development, Chesterfield Court, Olympic Court, Branaugh Court; Holyoke Court; prepared for Summer Hill Homes & City of Hayward by Terrasearch; dated March 10, 2000.
✓ 03/20/2000	SH	73	2.5	6669	0	On site ; met with Steve Buscovich (City of Hayward) & Ann Holbrow (Geomatrix); implementing work plan; borings on each residential houses on Telford Court, analyzing sample from one boring collected in the backyard
✓ 03/20/2000	SH	75	0.5	6669	00	Review PRGs & MCL cleanup criteria for Summerhill Development, Canterbury Homes at

✓ 03/21/2000	SH	75	3.	6669	00	Telford Court. Reviewed Additional Subsurface Site Assessment Report (5/14/99); Initial Subsurface Environmental Assessment Report 5/9/98 & Removal & Closure Report 5/7/99 for Summerhill Development, Canterbury Homes.	
03/21/2000	SH	77	0.3	6669	00	Talked to Ann Holbrow re: EPA Method 8081/8082; Summerhill Development, Canterbury Homes at Telford Court.	
03/21/2000	SH	77	0.3	6669	00	Talked to Hugh Murphy (City of Hayward) re: status of Summerhill Development, Canterbury Homes at Telford Court.	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
✓ 03/23/2000	SH	75	<u>1.5</u>	6669	0A	Reviewed results fax by Geomatrix - sampling for Telford Court, Summerhill Development; Canterbury Homes.	
✓ 03/24/2000	SH	77	0.5	6669	0B	Talked to Hugh Murphy re; additional soil samples for the Street were contaminated soil was buried; Summerhill Development, Canterbury Homes.	
✓ 03/24/2000	SH	77	3.5	6669	0B	Meeting with City of Hayward(Hugh Murphy), Summerhill Development(John Broersma & James Gunderson, LFR (Kim Brandt), Geomatrix (Susan Gallardo, Ann Hobrow; Tom Gavin) re: results of sampling at Telford Court, Summerhill Canterbury Homes.	
✓ 03/27/2000	SH	77	2.5	6669	0B	Meeting with Roger Brewer (RWQCB), Hugh Murphy (City of	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
✓ 03/28/2000	SH	77	0.5	6669	0B	hayward); & Ann Holbrow (Geomatrix) re: additional sampling at the street & gw monitoring wells; Summerhill Development; Canterbury Homes	
✓ 03/31/2000	SH	75	0.5	6669	0B	Talked to Hugh Murphy re: workplan by tomorrow for Summerhill Development, CanterburyHomes	
✓ 03/31/2000	SH	77	0.4	6669	0B	Reviewed wp for additional sampling at Summerhill Development; Canterbury Homes; Talked to Ann Holbrow re; wp; wells will not be installed per RWQCB	
✓ 04/04/2000	SH	77	0.3	6669	0B	Talked to Roger Brewer (RWQCB) re: meeting with DTSC	
✓ 04/04/2000	SH	77	0.3	6669	0B	Talked to Hugh Murphy re: PNAs; site status for Canterbury	

21.5

Residential Homes by Summerhill

InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
✓ 04/05/2000	SH	77	2.8	6669	OB	Dev. Meeting with City of Hayward (Hugh Murphy), Geomatrix (Ann Holbrow, Susan Gallardo, Tom Gavin), Summerhill Development (John Broersma & Jim Gunderson), LFR (Kim Brandt) re: results of recent sampling, status of site, further testing required, notification process, involvement by DTSC.	
✓ 04/06/2000	SH	77	0.3	6669	OB	Call from Hugh Murphy re; Canterbury Residential Development	
04/13/2000	SH	77	2.5	6669	OB	Meeting with City of Hayward (Hugh Murphy & Steve Buscovich), DTSC (Denise Tsuji & Nina Antonio), Geomatrix (Ann Holbrow), Summerhill Development (John Broersma & Jim Gunderson) & LFR	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
						(Kim Brandt) re: data collected & further samples to be collected for the site; letter needed by City of Hayward (who signed the VCA) from county, DTSC & RWQCB.	
✓ 04/21/2000	SH	75	1.5	6669	OA	Reviewed Soil Sampling results.	
✓ 04/21/2000	SH	77	0.4	6669	OA	Talked to Hugh Murphy re: letter	
✓ 04/24/2000	SH	77	0.3	6669	OB	Talked to Hugh Murphy re: letter	
✓ 04/25/2000	SH	75	1.5	6669	OB	Reviewed fax letter by DTSC; Reviewed 3/30/00 Report; Talked to Nina Antonio & hugh Murphy; asked city to write a letter to county re: county's oversight involvement in the case.	
✓ 05/01/2000	SH	75	1.	6669	0	Reviewed Soil Sampling Report- Unoccupied Lots, Canterbury Residential Development,	
✓ 05/04/2000	SH	75	2.	6669	OB	Reviewed sampling reports on unoccupied lots.	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
✓ 05/04/2000	SH	77	0.2	6669	OB	Talked to Ann Holbrow (Geomatrix) re: schedule & status of unoccupied lots	
✓ 05/04/2000	SH	77	0.3	6669	OB	Talked to Theresa Kwong (owner of lot 2) regarding letter for Canterbury Residential Development (Talked to Theresa twice today))	
✓ 05/05/2000	SH	75	2.	6669	OB	NAF Letter to City re; Telford Court & Street Sampling	
✓ 05/05/2000	SH	77	0.3	6669	OB	Talked to Kim Brandt re: County's naf letter	
✓ 05/08/2000	SH	75	2.	6669	OB	Reviewed Final Soil Sampling	

Reports for Unoccupied lots at
Canterbury Residential
Development).

✓ 05/09/2000 SH 77 0.4 6669 0B

Talked to Ann Holbrow
(Geomatrix) re: sample ID; typo
Continue review of work plan for
HARD (park); Canterbury

✓ 05/10/2000 SH 75 2. 6669 0A

InspDat Insp Act InspT StID DRPro

Comment

DailBDat

✓ 05/10/2000 SH 77 0.3 6669 0A

Residential Development
Talked to Hugh Murphy re: status
of site (canterbury Residential
Development

✓ 05/10/2000 SH 77 1. 6669 0A

talked to Roger Brewer (RWQCB)
; Ann Holbrow preparing letter
describing gw conditions at site;

✓ 05/11/2000 SH 75 2.5 6669 0B

Reviewed work plan for park &
Phase 1 report for Canterbury
Residential Development.

✓ 05/12/2000 SH 75 1. 6669 0B

Draft letter for Canterbury
Residential Development -
unoccupied lots

✓ 05/15/2000 SH 77 0.3 6669 0B

Talked to Theresa Wong re;
status of county's letter for
the unoccupied lots at the
Canterbury Residential
Development.

✓ 05/15/2000 SH 77 0.4 6669 0A

Talked to Hugh Murphy re: letter
from DTSC for the unoccupied

InspDat Insp Act InspT StID DRPro

Comment

DailBDat

✓ 05/16/2000 SH 75 4.5 6669 0A

lots at Canterbury Residential
Development).

✓ 06/02/2000 SH 77 0.3 6669 A

Canterbury Residential
Development - review DTSC's
letter, Geomatrix's reports
5/9/2000 & 5/10/2000, draft
letter, finalized letter
co-signed by Ariu.

✓ 07/31/2000 SH 77 0.2 6669 0A

Talked to Ann Holbrow
(Geomatrix) re: Park sampling
results; letter by Summerhill to
owners of occupied lots at
Canterbury Residential Homes)

✓ 08/01/2000 SH 75 0.3 6669 00

Message from Hugh Murphy re:
Summerhill letter from DTSC;
Review DTSC's letter re: Park
(HARD) in Summerhill Canterbury
Residential Development

✓ 09/13/2000 SH 75 2.5 6669 0A

Review report from
Geomatrix; Results of HARD

InspDat Insp Act InspT StID DRPro

Comment

DailBDat

✓ 09/14/2000 SH 75 2.5 6669 0A

investigation - Summerhill Homes
Letter to City of Hayward re:
HARD property as part of
SummerHill Homes

✓ 09/14/2000 SH 77 0.1 6669 0A

Talked to Hugh Murphy re: letter
Message to Hugh Murphy (Hayward)
re: updates on sampling of

✓ 09/28/2000 SH 77 0.2 6669 A

✓ 12/15/2000	SH	77	0.5	6669	07	occupied lot -Summerhill Homes Talked to Susan Gallardo re; results of sampling from occupied homes; 2 homes tested PAHs above PRGs; risk assessment; deed restrictions/capping or removal, need to discuss with DTSC, ACEHS, City of Hayward & RWQCB	
✓ 12/18/2000	SH	75	0.5	6669	0A	Review fax document re: results of sampling at occupied lots	
✓ 12/18/2000	SH	77	0.3	6669	0A	Talked to Susan Gallardo re:results of sampling; meeting	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
✓ 12/19/2000	SH	75	1.	6669	0A	with DTSC; Review case file including results of sampling from occupied lots; high TPH >1000 ppm & PAHs exceeded PRGs for residential scenario	
✓ 12/19/2000	SH	77	3.5	6669	0A	Meeting with City of Hayward, DTSC, Geomatrix, & Levine Fricke re: results of occupied lots; PAHs exceed PRGs; additonal evaluation of results needed; DTSC to discuss results with in-house toxicologist	
✓ 01/11/2001	SH	77	0.5	6669	07	Discuss site with DTSC (Nina Antonio) re: TPH results	

Complete

63.4 hrs

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 6669
as of 04/13/2000 all Activity Codes

SITE NAME & ADDRESS:

City Of Hayward -- 777 B. Street , Hayward CA 94541

InspDat	Insp	Act	InspT	StID	Proj#	COMMENTS	DailBDat
=====	=====	=====	=====	=====	=====	=====	=====

Archived Dailies:

Current Dailies:

InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
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03/15/2000	SH	77	0.4	6669	0A	Discuss site with Hugh Murphy (City of Hayward); Phase 1 & Phase 2 clearance from County; oil & grease type contamination; complaint referral from DTSC; road/street used soil with tar like substance; no credibility from developer; Geomatrix will be drilling on Monday; Summerhill Development/ Canterbury Residential Development/ Telford Court.	
03/16/2000	SH	77	3.	6669	0A	Meeting with City of Hayward (Hugh Murphy, Steve Buscovich, Fire Chief & Fire Marshall) Geomatrix(susan Gallardo & Ann Holbrow) re; scope of the work to be conducted at Telford Court; Canterbury Residential Development; 8 residential homes; unrestricted occupancy;	

InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
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						drilling scheduled for Monday 3/20/2000	
03/17/2000	SH	75	1.5	6669	0A	Reviewed Summary of Environmental Activity Report for Canterbury Residential Development, Chesterfield Court, Olympic Court, Branaugh Court; Holyoke Court; prepared for Summer Hill Homes & City of Hayward by Terrasearch; dated March 10, 2000.	

03/20/2000	SH	73	2.5	6669	0	On site ; met with Steve Buscovich (City of Hayward) & Ann Holbrow (Geomatrix); implementing work plan; borings on each residential houses on Telford Court, analyzing sample from one boring collected in the backyard	
03/20/2000	SH	75	0.5	6669	00	Review PRGs & MCL cleanup criteria for Summerhill	

InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
-----	-----	-----	-----	-----	-----	-----	-----

Development, Canterbury Homes at

03/21/2000	SH	75	3.6669	00		Telford Court. Reviewed Additional Subsurface Site Assessment Report (5/14/99); Initial Subsurface Environmental Assessment Report 5/9/98 & Removal & Closure Report 5/7/99 for Summerhill Development, Canterbury Homes.	
03/21/2000	SH	77	0.36669	00		Talked to Ann Holbrow re: EPA Method 8081/8082; Summerhill Development, Canterbury Homes at Telford Court.	
03/21/2000	SH	77	0.36669	00		Talked to Hugh Murphy (City of Hayward) re: status of Summerhill Development, Canterbury Homes at Telford Court.	
03/23/2000	SH	75	1.56669	0A		Reviewed results fax by Geomatrix - sampling for Telford Court, Summerhill Development;	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
03/24/2000	SH	77	0.56669	0B		Canterbury Homes. Talked to Hugh Murphy re; additional soil samples for the Street were contaminated soil was buried; Summerhill Development, Canterbury Homes.	
03/24/2000	SH	77	3.56669	0B		Meeting with City of Hayward(Hugh Murphy), Summerhill Development(John Broersma & James Gunderson, LFR (Kim Brandt), Geomatrix (Susan Gallardo, Ann Hobrow; Tom Gavin) re: results of sampling at Telford Court, Summerhill Canterbury Homes.	
03/27/2000	SH	77	2.56669	0B		Meeting with Roger Brewer (RWQCB), Hugh Murphy (City of hayward); & Ann Holbrow (Geomatrix) re: additional sampling at the street & gw monitoring wells; Summerhill	
InspDat	Insp	Act	InspT	StID	DRPro	Comment	DailBDat
03/28/2000	SH	77	0.56669	0B		Development; Canterbury Homes Talked to Hugh Murphy re: workplan by tommorrow for Summerhill Development, CanterburyHomes	
03/31/2000	SH	75	0.56669	0B		Reviewed wp for additional sampling at Summerhill Development; Canterbury Homes;	
03/31/2000	SH	77	0.46669	0B		Talked to Ann Holbrow re; wp; wells will not be installed per RWQCB	

Complete



CITY OF HAYWARD
777 B STREET
HAYWARD, CA 94541-5007

MELLON BANK, N.A.
PITTSBURGH, PENNSYLVANIA
IN COOPERATION WITH
SANWA BANK, CALIFORNIA

60-160/433

178165

CHECK VOID IF NOT PRESENTED FOR
PAYMENT WITHIN SIX MONTHS OF CHECK DATE

CHECK NUMBER	DATE	CHECK AMOUNT
178165	03/17/2000	\$3,000.00

***** THREE THOUSAND DOLLARS AND 00 CENTS *****

PAY TO THE
ORDER OF

ALAMEDA COUNTY
DEPT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502

Juanita Armas
Renz H. Carter

⑈178165⑈ ⑆043301601⑆ 035⑈1100⑈

P.O. NUMBER	INVOICE NUMBER	INVOICE DT	INVOICE AMOUNT	CHECK NUMBER:	178165
SPO-10111445	DEPOSIT REFUND	03/15/2000	3,000.00		

Please note the following information for this deposit:

Received from: City of Hayward
Attn: Hugh Murphy
777 B Street
Hayward, CA 94541-5007
Date Rec'd: 3/17/00

For City of Hayward Sites

Need a new STID # 6669

Property owner, Payor & Site Information will be:

City of Hayward - address listed above
Contact Person - Hugh Murphy

Please see me or Tom P. for questions regarding
this deposit.

Susan Hugo X 36780
3/17/2000

Print out sent by: SH

HAZARDOUS MATERIALS

GENERATOR - HMBP - UST - LOP
Site List as of 03/17/2000
City of Hayward

ALAMEDA COUNTY
page 1

StID	Name of Site	Site Address	Zip	STATUS PER PROG.		LastInsp
				G-H-U-StW-D/R-L-PBR		
4912	Shinwa International	670 Olympic Ave	544	I	t	07/11/199
2762	Bill Toomy's Transpo	687 Olympic Ave	544	I	t	11/22/198

Running Count:

NOTE: A file exists for each program category if there is a letter beneath it.

STATUS DESCRIPTIONS:

G ... GEN: C = Current I = Inactive N = Non Generator Q = Need Insp/Fac. Survey R = Returned Mail
H ... HMBP: C = Part II M = Part 1 E = Exempt I = Inactive N = Not Eligible P = Need HMBP Part 1 or 2 R = Returned Mail
U ... UGT: C = UGT Forms Submitted E = Exempt N = No UGT Present F = Need UGT Application R = Removed UST
StW ..Storm: Y = Storm Inspection by this office I = Inactive R = Returned Mail
D/R ..DepRef: R = Tank Removal M = Site Mitigation MOD = Modification
L ... LOP: A = Active I = Inactive

End of Report Total Count =

StBrief1

ALAMEDA COUNTY ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS PROGRAM
INFORMATION PER SITE ON ALL DEPOSITS FROM ALL PAYORS

as of 06/21/2002

DATABASE: DEPREF
~~~~~

===== SITE INFORMATION from DepRef DB =====

City Of Hayward  
777 B. Street  
Hayward CA 94544

StID: 6669 Site#: 99  
Site Complete?

===== ALL PAYORS ON SITE =====

> Project# 99A for Payor# 1188 City of Hayward  
777 B Street  
Hayward CA 94541

> Project# 99 for Payor# Beck Family Properties  
2720 Broderick Street  
San Francisco CA 94123

DR:WkShtPay

===== DEPOSIT INFORMATION =====

| Project# | Rcpt#                      | DepDate    | DepAmount  | Proj<br>Type | Deposit<br>Complete | Insp<br>Init | Collect<br>Fees? |
|----------|----------------------------|------------|------------|--------------|---------------------|--------------|------------------|
| 99       | <-----                     |            |            |              |                     |              |                  |
|          | 61197                      | 06/11/1997 |            | M            | 01/01/2000          | CL           |                  |
|          | Total Deposit for Project: |            |            | \$0.00       |                     |              |                  |
| 99A      | <-----                     |            |            |              |                     |              |                  |
|          | 846702                     | 03/17/2000 | \$3,000.00 | M            |                     | SH           |                  |
|          | Total Deposit for Project: |            |            | \$3,000.00   |                     |              |                  |
|          | -----                      |            |            |              |                     |              |                  |
|          | Total Deps for all Sites : |            |            | \$3,000.00   |                     |              |                  |

Report WkShtDep Complete; 6/99

LAST WORK DATE FROM BILLING ON THIS SITE:

ALAMEDA COUNTY ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS PROGRAM  
DEPOSIT / REFUND ARCHIVED DAILIES STATEMENT FOR WORK AFTER 01/01/1987

database = DAILY ARCHIVES

SITE INFORMATION

City Of Hayward --- 777 B. Street  
StID: 6669 Site#: -0- Hayward CA 94541

ARCHIVED DAILY - DEPREF STATEMENT as of 06/21/2002

--INSPECTOR--

| Act Date | Initial | Time  | \$ Rate | CHARGE | Time  | Charge | Billing Date |
|----------|---------|-------|---------|--------|-------|--------|--------------|
| =====    | =====   | ===== | =====   | =====  | ===== | =====  | =====        |

No Dailies from Archives for this case

ALAMEDA COUNT ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS PROGRAM  
DEPOSIT / REFUND ACCOUNT STATEMENT FOR WORK AFTER 01/01/1987

as of 06/21/2002

database = HAZMAT DAILIES

SITE INFORMATION

City Of Hayward \* IF Site name from HazMat (central) DB  
777 B. Street differs from DepRef's Site Name.  
Hayward CA 94541 PLEASE RECTIFY WITH LPETERS/CMATYS. \*  
StID: 6669

WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* )

| #   | Act Date | Initial | Time  | \$ Rate | CHARGE | Time  | Charge | Error Code or<br>Billing Date |
|-----|----------|---------|-------|---------|--------|-------|--------|-------------------------------|
| === | =====    | =====   | ===== | =====   | =====  | ===== | =====  | ===== **                      |

Proj#:0

1 03/20/2000 SH 2.50 0.00 | 2.50 0.00 |  
Activity Code: 73-Investigation On-Site  
Comment: On site ; met with Steve Buscovich (City of Hayward) &  
Ann Holbrow (Geomatrix); implementing work plan; borings  
on each residential houses on Telford Court, analyzing  
sample from one boring collected in the backyard

2 05/01/2000 SH 1.00 0.00 | 3.50 0.00 |  
Activity Code: 75-Review Plans/Reports  
Comment: Reviewed Soil Sampling Report- Unoccupied Lots,  
Canterbury Residential Development,

- - SUBTOTAL CURRENT DAILIES, PROJECT 0

3.50 0.00

Proj#:00

3 03/20/2000 SH 0.50 0.00 | 0.50 0.00 |  
Activity Code: 75-Review Plans/Reports  
Comment: Review PRGs & MCL cleanup criteria for Summerhill

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #                                                                                                                                                                                                                                                             | Act Date   | Initial | Time | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------|---------|--------|--------------------------|--------|-------------------------------|
| 6                                                                                                                                                                                                                                                             | 03/21/2000 | SH      | 3.00 |         | 0.00   | 4.10                     | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Reviewed Additional Subsurface Site Assessment Report (5/14/99); Initial Subsurface Environmental Assessment Report 5/9/98 & Removal & Closure Report 5/7/99 for Summerhill Development, Canterbury Homes. |            |         |      |         |        |                          |        |                               |
| 7                                                                                                                                                                                                                                                             | 08/01/2000 | SH      | 0.30 |         | 0.00   | 4.40                     | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Review DTSC's letter re: Park (HARD) in Summerhill Canterbury Residential Development                                                                                                                      |            |         |      |         |        |                          |        |                               |

- - SUBTOTAL CURRENT DAILIES, PROJECT 00

4.40

0.00

Proj#:07

|                                                                                                                                                                                                                                                                              |            |    |      |  |      |      |      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|--|------|------|------|--|
| 8                                                                                                                                                                                                                                                                            | 12/15/2000 | SH | 0.50 |  | 0.00 | 0.50 | 0.00 |  |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Susan Gallardo re; results of sampling from occupied homes; 2 homes tested PAHs above PRGs; risk assessment; deed restrictions/capping or removal, need to discuss with DTSC, ACEHS, City of Hayward & RWQCB |            |    |      |  |      |      |      |  |
| 9                                                                                                                                                                                                                                                                            | 01/11/2001 | SH | 0.50 |  | 0.00 | 1.00 | 0.00 |  |
| Activity Code: 77-Meetings, Consultations<br>Comment: Discuss site with DTSC (Nina Antonio) re: TPH results                                                                                                                                                                  |            |    |      |  |      |      |      |  |

- - SUBTOTAL CURRENT DAILIES, PROJECT 07

1.00

0.00

Proj#:0A

|                                                                                                                                                                                                                                                                                                                                                                                                               |            |    |      |  |      |      |      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|--|------|------|------|--|
| 10                                                                                                                                                                                                                                                                                                                                                                                                            | 03/15/2000 | SH | 0.40 |  | 0.00 | 0.40 | 0.00 |  |
| Activity Code: 77-Meetings, Consultations<br>Comment: Discuss site with Hugh Murphy (City of Hayward); Phase 1 & Phase 2 clearance from County; oil & grease type contamination; complaint referral from DTSC; road/street used soil with tar like substance; no credibility from developer; Geomatrix will be drilling on Monday; Summerhill Development/ Canterbury Residential Development/ Telford Court. |            |    |      |  |      |      |      |  |

Running Total for proj: 0A is 0.4 hours for 0.00

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #                                                                                                                                                                                                                                                                                                                                                                       | Act Date   | Initial | Time | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------|---------|--------|--------------------------|--------|-------------------------------|
| 11                                                                                                                                                                                                                                                                                                                                                                      | 03/16/2000 | SH      | 3.00 |         | 0.00   | 3.40                     | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Meeting with City of Hayward (Hugh Murphy, Steve Buscovich, Fire Chief & Fire Marshall) Geomatrix( susan Gallardo & Ann Holbrow) re; scope of the work to be conducted at Telford Court; Canterbury Residential Development; 8 residentail homes; unrestricted occupancy; drilling scheduled for Monday 3/20/2000 |            |         |      |         |        |                          |        |                               |
| 12                                                                                                                                                                                                                                                                                                                                                                      | 03/17/2000 | SH      | 1.50 |         | 0.00   | 4.90                     | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Reviewed Summary of Environmental Activity Report for Canterbury Residential Development, Chesterfield Court, Olympic Court, Branaugh Court; Holyoke Court; prepared for Summer Hill Homes & City of Hayward by Terrasearch; dated March 10, 2000.                                                                   |            |         |      |         |        |                          |        |                               |
| 13                                                                                                                                                                                                                                                                                                                                                                      | 03/23/2000 | SH      | 1.50 |         | 0.00   | 6.40                     | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Reviewed results fax by Geomatrix - sampling for Telford Court, Summerhill Development; Canterbury Homes.                                                                                                                                                                                                            |            |         |      |         |        |                          |        |                               |
| 14                                                                                                                                                                                                                                                                                                                                                                      | 04/21/2000 | SH      | 1.50 |         | 0.00   | 7.90                     | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Reviewed Soil Sampling results.                                                                                                                                                                                                                                                                                      |            |         |      |         |        |                          |        |                               |
| 15                                                                                                                                                                                                                                                                                                                                                                      | 04/21/2000 | SH      | 0.40 |         | 0.00   | 8.30                     | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Hugh Murphy re: letter                                                                                                                                                                                                                                                                                  |            |         |      |         |        |                          |        |                               |
| 16                                                                                                                                                                                                                                                                                                                                                                      | 05/10/2000 | SH      | 0.30 |         | 0.00   | 8.60                     | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Hugh Murphy re: status of site (canterbury Residential Development                                                                                                                                                                                                                                      |            |         |      |         |        |                          |        |                               |
| 17                                                                                                                                                                                                                                                                                                                                                                      | 05/10/2000 | SH      | 1.00 |         | 0.00   | 9.60                     | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: talked to Roger Brewer ( RWQCB ) ; Ann Holbrow preparing letter describing gw conditions at site;                                                                                                                                                                                                                 |            |         |      |         |        |                          |        |                               |
| 18                                                                                                                                                                                                                                                                                                                                                                      | 05/10/2000 | SH      | 2.00 |         | 0.00   | 11.60                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Continue review of work plan for HARD ( park); Canterbury Residential Development                                                                                                                                                                                                                                    |            |         |      |         |        |                          |        |                               |
| 19                                                                                                                                                                                                                                                                                                                                                                      | 05/15/2000 | SH      | 0.40 |         | 0.00   | 12.00                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Hugh Murphy re: letter from DTSC for the unoccupied lots at Canterbury Residential Development).                                                                                                                                                                                                        |            |         |      |         |        |                          |        |                               |

Running Total for proj: 0A is 12.0 hours for 0.00 pag 3

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #                                                                                                                                                                                                                                                                | Act Date   | Initial | Time | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------|---------|--------|--------------------------|--------|-------------------------------|
| 20                                                                                                                                                                                                                                                               | 05/16/2000 | SH      | 4.50 |         | 0.00   | 16.50                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Canterbury Residential Development - review DTSC's letter, Geomatrix's reports 5/9/2000 & 5/10/2000, draft letter, finalized letter co-signed by Ariu.                                                        |            |         |      |         |        |                          |        |                               |
| 21                                                                                                                                                                                                                                                               | 07/31/2000 | SH      | 0.20 |         | 0.00   | 16.70                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Message from Hugh Murphy re: Summerhill letter from DTSC;                                                                                                                                                  |            |         |      |         |        |                          |        |                               |
| 22                                                                                                                                                                                                                                                               | 09/13/2000 | SH      | 2.50 |         | 0.00   | 19.20                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Review report from Geomatrix; Results of HARD investigation - Summerhill Homes                                                                                                                                |            |         |      |         |        |                          |        |                               |
| 23                                                                                                                                                                                                                                                               | 09/14/2000 | SH      | 2.50 |         | 0.00   | 21.70                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Letter to City of Hayward re: HARD property as part of SummerHill Homes                                                                                                                                       |            |         |      |         |        |                          |        |                               |
| 24                                                                                                                                                                                                                                                               | 09/14/2000 | SH      | 0.10 |         | 0.00   | 21.80                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Hugh Murphy re: letter                                                                                                                                                                           |            |         |      |         |        |                          |        |                               |
| 25                                                                                                                                                                                                                                                               | 12/18/2000 | SH      | 0.50 |         | 0.00   | 22.30                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Review fax document re: results of sampling at occupied lots                                                                                                                                                  |            |         |      |         |        |                          |        |                               |
| 26                                                                                                                                                                                                                                                               | 12/18/2000 | SH      | 0.30 |         | 0.00   | 22.60                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Susan Gallardo re: results of sampling; meeting with DTSC;                                                                                                                                       |            |         |      |         |        |                          |        |                               |
| 27                                                                                                                                                                                                                                                               | 12/19/2000 | SH      | 3.50 |         | 0.00   | 26.10                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Meeting with City of Hayward, DTSC, Geomatrix, & Levine Fricke re: results of occupied lots; PAHs exceed PRGs; additional evaluation of results needed; DTSC to discuss results with in-house toxicologist |            |         |      |         |        |                          |        |                               |
| 28                                                                                                                                                                                                                                                               | 12/19/2000 | SH      | 1.00 |         | 0.00   | 27.10                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Review case file including results of sampling from occupied lots; high TPH >1000 ppm & PAHs exceeded PRGs for residential scenario                                                                           |            |         |      |         |        |                          |        |                               |

- - SUBTOTAL CURRENT DAILIES, PROJECT 0A

|       |      |
|-------|------|
| 27.10 | 0.00 |
|-------|------|

Running Total for proj: 0A is 0.0 hours for

0.00

pag 4

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #  | Act Date | Initial | Time  | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|----|----------|---------|-------|---------|--------|--------------------------|--------|-------------------------------|
| == | =====    | =====   | ===== | =====   | =====  | =====                    | =====  | ===== **                      |

Proj#:0B

29 03/24/2000 SH 0.50 0.00 | 0.50 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Talked to Hugh Murphy re; additional soil samples for the Street were contaminated soil was buried; Summerhill Development, Canterbury Homes.

30 03/24/2000 SH 3.50 0.00 | 4.00 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Meeting with City of Hayward(Hugh Murphy), Summerhill Development(John Broersma & James Gunderson, LFR ( Kim Brandt), Geomatrix ( Susan Gallardo, Ann Hobrow; Tom Gavin) re: results of sampling at Telford Court, Summerhill Canterbury Homes.

31 03/27/2000 SH 2.50 0.00 | 6.50 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Meeting with Roger Brewer (RWQCB), Hugh Murphy (City of hayward); & Ann Holbrow (Geomatrix) re: additional sampling at the street & gw monitoring wells; Summerhill Development; Canterbury Homes

32 03/28/2000 SH 0.50 0.00 | 7.00 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Talked to Hugh Murphy re: workplan by tommorrow for Summerhill Development, CanterburyHomes

33 03/31/2000 SH 0.40 0.00 | 7.40 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Talked to Ann Holbrow re; wp; wells will not be installed per RWQCB

34 03/31/2000 SH 0.50 0.00 | 7.90 0.00 |  
 Activity Code: 75-Review Plans/Reports  
 Comment: Reviewed wp for additional sampling at Summerhill Development; Canterbury Homes;

35 04/04/2000 SH 0.30 0.00 | 8.20 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Talked to Hugh Murphy re: PNAs; site status for Canterbury Residential Homes by Summerhill Dev.

36 04/04/2000 SH 0.30 0.00 | 8.50 0.00 |  
 Activity Code: 77-Meetings, Consultations  
 Comment: Talked to Roger Brewer (RWQCB) re: meeting with DTSC

Running Total for proj: 0B is 8.5 hours for 0.00 pag 5

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #                                                                                                                                                                                                                                                                                                                                                                                                              | Act Date   | Initial | Time | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------|---------|--------|--------------------------|--------|-------------------------------|
| 37                                                                                                                                                                                                                                                                                                                                                                                                             | 04/05/2000 | SH      | 2.80 |         | 0.00   | 11.30                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Meeting with City of Hayward (Hugh Murphy), Geomatrix (Ann Holbrow, Susan Gallardo, Tom Gavin), Summerhill Development (John Broersma & Jim Gunderson), LFR (Kim Brandt) re: results of recent sampling, status of site, further testing required, notification process, involvement by DTSC.                                                            |            |         |      |         |        |                          |        |                               |
| 38                                                                                                                                                                                                                                                                                                                                                                                                             | 04/06/2000 | SH      | 0.30 |         | 0.00   | 11.60                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Call from Hugh Murphy re; Canterbury Residential Development                                                                                                                                                                                                                                                                                             |            |         |      |         |        |                          |        |                               |
| 39                                                                                                                                                                                                                                                                                                                                                                                                             | 04/13/2000 | SH      | 2.50 |         | 0.00   | 14.10                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Meeting with City of Haywar (Hugh Murphy & Steve Buscovich), DTSC (Denise Tsuji & Nina Antonio), Geomatrix (Ann Holbrow), Summerhill Development (John Broersma & Jim Gunderson) & LFR (Kim Brandt) re: data collected & further samples to be collected for the site; letter needed by City of Hayward ( who signed the VCA) from county, DTSC & RWQCB. |            |         |      |         |        |                          |        |                               |
| 40                                                                                                                                                                                                                                                                                                                                                                                                             | 04/24/2000 | SH      | 0.30 |         | 0.00   | 14.40                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Hugh Murphy re: letter                                                                                                                                                                                                                                                                                                                         |            |         |      |         |        |                          |        |                               |
| 41                                                                                                                                                                                                                                                                                                                                                                                                             | 04/25/2000 | SH      | 1.50 |         | 0.00   | 15.90                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Reviewed fax letter by DTSC; Reviewed 3/30/00 Report; Talked to Nina Antonio & hugh Murphy; asked city to write a letter to county re: county's oversight involvement in the case.                                                                                                                                                                          |            |         |      |         |        |                          |        |                               |
| 42                                                                                                                                                                                                                                                                                                                                                                                                             | 05/04/2000 | SH      | 0.30 |         | 0.00   | 16.20                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Theresa Kwong (owner of lot 2) regarding letter for Canterbury Residential Development ( Talked to Theresa twice today))                                                                                                                                                                                                                       |            |         |      |         |        |                          |        |                               |
| 43                                                                                                                                                                                                                                                                                                                                                                                                             | 05/04/2000 | SH      | 0.20 |         | 0.00   | 16.40                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations<br>Comment: Talked to Ann Holbrow (Geomatrix) re: schedule & status of unoccupied lots                                                                                                                                                                                                                                                                               |            |         |      |         |        |                          |        |                               |
| 44                                                                                                                                                                                                                                                                                                                                                                                                             | 05/04/2000 | SH      | 2.00 |         | 0.00   | 18.40                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports<br>Comment: Reviewed sampling reports on unoccupied lots.                                                                                                                                                                                                                                                                                                               |            |         |      |         |        |                          |        |                               |

Running Total for proj: 0B is 18.4 hours for 0.00 pag 6

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #                                                                                                                                | Act Date   | Initial | Time | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|----------------------------------------------------------------------------------------------------------------------------------|------------|---------|------|---------|--------|--------------------------|--------|-------------------------------|
| 45                                                                                                                               | 05/05/2000 | SH      | 2.00 |         | 0.00   | 20.40                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports                                                                                           |            |         |      |         |        |                          |        |                               |
| Comment: NAF Letter to City re; Telford Court & Street Sampling                                                                  |            |         |      |         |        |                          |        |                               |
| 46                                                                                                                               | 05/05/2000 | SH      | 0.30 |         | 0.00   | 20.70                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations                                                                                        |            |         |      |         |        |                          |        |                               |
| Comment: Talked to Kim Brandt re: County's naf letter                                                                            |            |         |      |         |        |                          |        |                               |
| 47                                                                                                                               | 05/08/2000 | SH      | 2.00 |         | 0.00   | 22.70                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports                                                                                           |            |         |      |         |        |                          |        |                               |
| Comment: Reviewed Final Soil Sampling Reports for Unoccupied lots at Canterbury Residential Development).                        |            |         |      |         |        |                          |        |                               |
| 48                                                                                                                               | 05/09/2000 | SH      | 0.40 |         | 0.00   | 23.10                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations                                                                                        |            |         |      |         |        |                          |        |                               |
| Comment: Talked to Ann Holbrow (Geomatrix) re: sample ID; typo                                                                   |            |         |      |         |        |                          |        |                               |
| 49                                                                                                                               | 05/11/2000 | SH      | 2.50 |         | 0.00   | 25.60                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports                                                                                           |            |         |      |         |        |                          |        |                               |
| Comment: Reviewed work plan for park & Phase 1 report for Canterbury Residential Development.                                    |            |         |      |         |        |                          |        |                               |
| 50                                                                                                                               | 05/12/2000 | SH      | 1.00 |         | 0.00   | 26.60                    | 0.00   |                               |
| Activity Code: 75-Review Plans/Reports                                                                                           |            |         |      |         |        |                          |        |                               |
| Comment: Draft letter for Canterbury Residential Development - unoccupied lots                                                   |            |         |      |         |        |                          |        |                               |
| 51                                                                                                                               | 05/15/2000 | SH      | 0.30 |         | 0.00   | 26.90                    | 0.00   |                               |
| Activity Code: 77-Meetings, Consultations                                                                                        |            |         |      |         |        |                          |        |                               |
| Comment: Talked to Theresa Wong re; status of county's letter for the unoccupied lots at the Canterbury Residential Development. |            |         |      |         |        |                          |        |                               |

- - SUBTOTAL CURRENT DAILIES, PROJECT 0B

26.90

0.00

Proj#:A

|                                                                                                                                                        |            |    |      |  |      |      |      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|--|------|------|------|--|
| 52                                                                                                                                                     | 06/02/2000 | SH | 0.30 |  | 0.00 | 0.30 | 0.00 |  |
| Activity Code: 77-Meetings, Consultations                                                                                                              |            |    |      |  |      |      |      |  |
| Comment: Talked to Ann Holbrow (Geomatrix) re: Park sampling results; letter by Summerhill to owners of occupied lots at Canterbury Residential Homes) |            |    |      |  |      |      |      |  |
| 53                                                                                                                                                     | 09/28/2000 | SH | 0.20 |  | 0.00 | 0.50 | 0.00 |  |
| Activity Code: 77-Meetings, Consultations                                                                                                              |            |    |      |  |      |      |      |  |
| Comment: Message to Hugh Murphy (Hayward) re: updates on sampling of occupied lot -Summerhill Homes                                                    |            |    |      |  |      |      |      |  |

Running Total for proj: A is 0.5 hours for 0.00



StID: 6669

===== WORK LOG INFORMATION FROM DAILIES ( after date:\*\*\*\*\* ) =====

| #  | Act Date | Initial | Time  | \$ Rate | CHARGE | -PROJECT TOTALS-<br>Time | Charge | Error Code or<br>Billing Date |
|----|----------|---------|-------|---------|--------|--------------------------|--------|-------------------------------|
| == | =====    | =====   | ===== | =====   | =====  | =====                    | =====  | ===== **                      |

- - SUBTOTAL CURRENT DAILIES, PROJECT A

0.50

0.00

- -

Running Total for proj: A is 0.5 hours for 0.00 pag 8

\* ERROR CODE OR BILLING DATE LEGEND:

1/1/97 and beyond: Already or nearly Debited

1/1/87: Ineligible for Debit: either no deposit or neg. closing balance.

1/\*/86: Error codes: need fixing before debiting.

1/1/85: Pre 1997 DepRef work marked as Available for Debiting.

===== RECORDS BETWEEN REPRINTS: =====

PROJ#: \_\_\_\_\_ StID: 6669

| Date  | Action Taken | Init  | Time  | \$Rate | Charge | Total<br>Time | Total<br>Charges |
|-------|--------------|-------|-------|--------|--------|---------------|------------------|
| ----- | -----        | ----- | ----- | -----  | -----  | -----         | -----            |
| ----- | -----        | ----- | ----- | -----  | -----  | -----         | -----            |
| ----- | -----        | ----- | ----- | -----  | -----  | -----         | -----            |
| ----- | -----        | ----- | ----- | -----  | -----  | -----         | -----            |
| ----- | -----        | ----- | ----- | -----  | -----  | -----         | -----            |
| ----- | -----        | ----- | ----- | -----  | -----  | -----         | -----            |

DRWrkSht; Rev 6/97

No CURRENT DAILIES for this case

Current HazMat Dailies Statement Complete

TOTAL COUNTS: #Current Dailies: 0 Both Archived & Current: 0

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 4912  
as of 03/17/2000 .... all Activity Codes

SITE NAME & ADDRESS:

Shinwa International Inc -- 670 Olympic Ave , Hayward CA 94544

| InspDat | Insp Act | InspT | StID  | Proj# | COMMENTS | DailBDat |
|---------|----------|-------|-------|-------|----------|----------|
| =====   | =====    | ===== | ===== | ===== | =====    | =====    |

Archived Dailies:

Current Dailies:

| InspDat    | Insp Act | InspT | StID | DRPro      | Comment                                                                                                                                                  | DailBDat |
|------------|----------|-------|------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 07/11/1995 | KT       | 11    | 2.   | 4912       | generator inspection.                                                                                                                                    |          |
| 09/22/1995 | KT       | 55    | 0.2  | 4912       | rec'd copy of Business plan.                                                                                                                             |          |
| 11/18/1998 | ML       | 75    | 2.   | 4912 7100A | review                                                                                                                                                   | *****    |
| 12/15/1998 | ML       | 75    | 0.5  | 4912 7100A | phone conversation with robert                                                                                                                           | *****    |
| 05/25/1999 | ML       | 77    | 1.   | 4912 7100A | meeting with Craig Thompson and Robert campbell                                                                                                          | *****    |
| 05/27/1999 | ML       | 75    | 2.5  | 4912 7100A | review additional investigation reprt, dated 3/9/99 and UST closure reports, review tables from recent sampling, phone conversation with robert campbell | *****    |
| 06/03/1999 | ML       | 75    | 1.5  | 4912 7100A | review closure letter , administration                                                                                                                   | *****    |

Complete

Print out sent by: SH

HAZARDOUS MATERIALS

\*GENERATOR - HMBP - UST - LOP\*  
Site List as of 03/17/2000  
City of Dublin

ALAMEDA COUNTY  
page 1

| StID | Name of Site        | Site Address | Zip | STATUS PER PROG. |           |     | LastInsp  |
|------|---------------------|--------------|-----|------------------|-----------|-----|-----------|
|      |                     |              |     | G-H-U            | StW-D/R-L | PBR |           |
| 6600 | Summerhill Homes    | Gleason Rd   | 568 | R                | R         |     | 01/20/192 |
| 6611 | Summerhill Homes #2 | Hibernia Dr  | 566 | R                |           |     | 01/20/192 |

Running Count:

**NOTE: A file exists for each program category if there is a letter beneath it.**

STATUS DESCRIPTIONS:

G ... GEN: C = Current I = Inactive N = Non Generator Q = Need Insp/Fac. Survey R = Returned Mail  
H ... HMBP: C = Part II M = Part 1 E = Exempt I = Inactive N = Not Eligible P = Need HMBP Part 1 or 2 R = Returned Mail  
U ... UGT: C = UGT Forms Submitted E = Exempt N = No UGT Present F = Need UGT Application R = Removed UST  
StW ..Storm: Y = Storm Inspection by this office I = Inactive R = Returned Mail  
D/R .DepRef: R = Tank Removal M = Site Mitigation MOD = Modification  
L ... LOP: A = Active I = Inactive

End of Report Total Count =

StBrief1

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 2762  
as of 03/17/2000 .... all Activity Codes

SITE NAME & ADDRESS:

Bill Toomy's Transportation -- 687 Olympic Ave , Hayward CA 94544

| InspDat | Insp Act | InspT | StID | Proj# | COMMENTS | DailBDat |
|---------|----------|-------|------|-------|----------|----------|
|---------|----------|-------|------|-------|----------|----------|

Archived Dailies:

| InspDat | Insp | Activi | Categ | InspT | StID |
|---------|------|--------|-------|-------|------|
|---------|------|--------|-------|-------|------|

|            |    |   |    |    |      |
|------------|----|---|----|----|------|
| 11/22/1989 | TP | I | 13 | 4. | 2762 |
|------------|----|---|----|----|------|

|            |    |    |      |      |                                                                                          |
|------------|----|----|------|------|------------------------------------------------------------------------------------------|
| 04/18/1994 | PS | 81 | 0.25 | 2762 | -0- research this site re the<br>presence of a ust for Jay<br>Swardenski of Hayward fire |
|------------|----|----|------|------|------------------------------------------------------------------------------------------|

-0-

Current Dailies:

NO WORK FOR THIS SITE IS IN CURRENT DAILIES:

LEGEND FOR 'OLD' DAILY ENTRIES

Category: ( Program )

|                       |                          |
|-----------------------|--------------------------|
| O - Office            | I - regular Inspection   |
| L - Legal             | F - Follow up inspection |
| P - Program           | S - Spill / release      |
| T - Training          | Q - reQuest / complaint  |
| A - Advice / consult. |                          |
| E - Environ. study    |                          |

Activity:

|                      |
|----------------------|
| 1 - Generators       |
| 2 - UG Tanks         |
| 3 - Business Plans   |
| 4 - Haz.Waste Hauler |
| 5 - Emerg. Resp.     |
| 6 - Contam. Site     |
| 7 - Public Lands     |
| 8 - Residential      |

Valid for Dailies in 1987 --> 1989

Complete

FIRE CHIEF  
LARRY ARFSTEN

Danny = (510) 583-4910  
For 510 583-3641

583-4945

Roger Brewer - 622 2374  
fax - 622-2460



CITY OF  
**HAYWARD**

HEART OF THE BAY

**HUGH J. MURPHY**  
HAZARDOUS MATERIALS PROGRAM COORDINATOR  
HAYWARD FIRE DEPARTMENT

777 B STREET, HAYWARD, CA 94541-5007 • TEL: 510/583-4924 510/583-4910  
FAX: 510/583-3641 • EMAIL: HughM@ci.hayward.ca.us



CITY OF  
**HAYWARD**

HEART OF THE BAY

**STEVEN BUSCOVICH**  
HAZARDOUS MATERIALS INVESTIGATOR  
HAYWARD FIRE DEPARTMENT

777 B STREET, HAYWARD, CA 94541-5007 • TEL: 510/583-4927 510/583-4910  
FAX: 510/583-3641 • EMAIL: SteveB@ci.hayward.ca.us



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**Ann Marie Holbrow**  
Senior Scientist

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Engineers, Geologists and Environmental Scientists

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Principal Engineer

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(510) 663-4100  
DIRECT (510) 663-4137  
FAX (510) 663-4141

SummerHill Construction Company

777 California Avenue  
Palo Alto, CA 94304  
Tel: 650 857 0122  
Dir: 650 842 2277  
Fax: 650 493 0270

**John M. Broersma**  
Vice President/Operations

CA Cont. Lic. No. 528275

SummerHill Homes

777 California Avenue  
Palo Alto, CA 94304  
Tel: 650 857 0122  
Fax: 650 857 1077

**James E. Gunderson**  
Senior Vice President  
Chief Financial Officer



1900 POWELL STREET  
12TH FLOOR  
EMERYVILLE, CA 94608-1827  
tel (510) 596-9575  
fax (510) 652-2246

**KIMBERLY A. BRANDT, R.G., C.H.G.**  
SENIOR HYDROGEOLOGIST

www.lfr.com

email: kimberly.brandt@lfr.com



Mostly  
sunny  
High: 66  
Low: 51

Details in  
COFFEE BREAK

# The Daily Review

ANG  
NEWSPAPER

www.dailyreview-ang.com

Hayward, California

50 CENTS

## Hayward housing project under toxics investigation

By Karen Holzheimer  
STAFF WRITER

HAYWARD — A prominent Peninsula developer is under investigation by city, county and state agencies, which say the company dumped contaminated soil at a housing construction site in south Hayward.

SummerHill Homes spokeswoman LuAnn Welch said Friday that one of the company's contractors moved and reburied dirt tainted with motor oil last year within its 89-home Canterbury complex at Olympic and Taylor avenues.

The problem came to light when a disgruntled former employee of a SummerHill subcontractor blew the whistle during conversations with city administrators in late December.

About 11 lots remain to be sold; 78 homes or lots are listed as sold on a company-provided map. Many of the homes are priced up to \$405,000.

Residents in some of the 28 newly-occupied homes said they hadn't received letters from SummerHill's parent office in Palo Alto explaining the problems, although the city directed the company to do so.

Preliminary testing during the past three months reveals contamination is confined to a specific area and is not a public health risk, said Fire Chief Larry Arfsten.

Traces of petroleum products were found under Holyoke Street and Banaugh Court in an area 480 feet long, 20 to 40 feet wide and 5 to 9 feet deep.

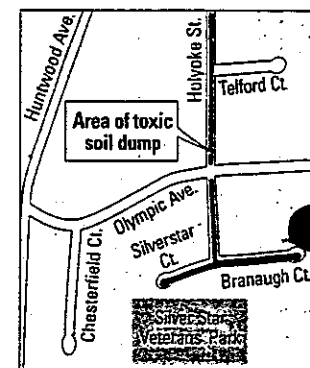
"You could compare it to three teaspoons of oil in a bathtub full of dirt," said Public Works Director Dennis Butler.

But fears that other hazardous materials may have been dumped else-

where on the 14-acre site have prompted some serious government action.

Arfsten said the city won't issue occupancy permits for eight unoccupied homes and 53 homes under construction until the city and other agencies have completed their investigations.

The city has spent \$125,000 on soil testing and consulting, and will be amassing higher bills, Arfsten said. SummerHill has been billed for these expenses. SummerHill currently has paid \$50,000. Random sampling is occurring



Please see **Dump**, NEWS-9

## Dump: Investigation may take some time

Continued from NEWS-1

on other lots and street areas.

Future city action also hinges on testing now being done by the Regional Water Quality Control Board and the state Department of Toxic Substance Control.

On Friday, the Alameda County District Attorney's consumer protection division launched its own investigation after a 2½ hour meeting with Arfsten.

"I can confirm we are investigating SummerHill, but now that it's started, I can't disclose any details," said Micheal O'Connor, deputy district attorney. "I anticipate it (the investigation) may take quite some time."

SummerHill is a major home builder in the Bay Area and Northern California. It focuses on smaller condominium and luxury home development, averaging construction of 300 to 400 homes a year in the Bay Area.

Recent projects include Glenmoor Village in Fremont, SummerGlen at Emerald Park in Dublin, 111 St. Matthews condominiums in San Mateo, as well as other projects in South San Francisco, Los Gatos, Alamo and Foster City.

The Canterbury project has homes with four or five bedrooms, three baths, dens and fireplaces.

Welch, SummerHill's director of sales and marketing, said burying soil with a "minor" amount of tar and petroleum products under streets with "utility lines" is "pretty standard procedure."

Arfsten disagrees.

"When any sampling discovers the presence of contami-

nants, work has to stop immediately, and the city has to be informed," he explained. "That did not happen."

SummerHill acknowledged the burial of the soil mixed with oil after the city questioned the company, Arfsten said. The company has cooperated with the city during the past couple of months, Arfsten said.

The area formerly was an unincorporated county property where cars and recreational vehicles were stored on unpaved dirt, Arfsten recalled.

Spalding Street resident Jesse Galzote, who moved with his family into their new home a month ago, was working in his yard Friday and said he hadn't heard about the contamination.

"This is the first I've heard of it," said Galzote, a former San Francisco resident. "I wondered why more people haven't moved in, because the houses are ready for them. I saw people doing tests on the soil around the corner, too. We moved to Hayward because my wife liked the area and the bigger houses."

Arfsten said the city also plans "extensive" testing on the four-acre Silver Star Veterans' Park, located at Branaugh and Silver Star Court, because it will be heavily used by the public.

The Hayward Area Recreation and Park District bought the park site from SummerHill, said Eric Willyerd, the district's parks superintendent, and the land was clean of toxics during preliminary testing.

"This really surprises me," Willyerd said Friday. "I've dealt with a lot of developers, and SummerHill's people impressed me as upfront, straightforward and maybe the cleanest developer to come into Hayward."

S KIND



# Hayward tests soil at tract for oils

Homeowners fear  
other hidden wastes

By Karen Holmquist



Please note the ffo information for this deposit

Received from :

Date: 3/17/2000

City of Hayward  
Attn: Hugh Murphy  
777 B Street  
Hayward, CA 94541-5007

for City of Hayward Sites :

Need a new STID

Property owner & Payor will be  
City of Hayward - address listed above  
Contact Person = Hugh Murphy

4/5/2000

Daily Review - request

12 Questions =

Gathering facts &

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

6402

April 12, 2000

Ms. Dorothy Duncan  
417 Fourth Street  
Marysville, CA 95901

Re: 29303 Pacific Street, Hayward, CA 94544

Dear Ms. Duncan:

As you are aware, several Underground Storage Tanks were removed on 3/25/1999 from the above referenced site. Soil samples were collected from the site. The groundwater and soil samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPHG), Methyl Tertiary Butyle Ether (MTBE), benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analysis results of the water samples identified up to 8,500 parts per billion (ppb) TPHG, 250ppb benzene, 460ppb ethylbenzene, 520ppb toluene, 220ppb total xylenes, and 10,000ppb MTBE. Analysis results of the soil samples identified up to 3.7 ppm MTBE, 340ppm TPHG, 7,500ppm TPHD, 3,600ppm Total Oil & Grease, and 5.7ppm, 0.69ppm, 18ppm, 3.5ppm levels of BTEX respectively.

Per Article 11, Division 3, Chapter 16, Title 23 of the California Code of Regulations, you are required to conduct a Preliminary Site Assessment (PSA) to determine the lateral and vertical extent and severity of soil and groundwater contamination, which has resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The major elements of such an investigation, include, but are not limited to, the following:

- At least one groundwater monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to groundwater flow. In the absence of data identifying the local confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology.
- Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark (mean sea level, MSL), with an accuracy of 0.01 foot. Groundwater samples are to be collected and analyzed quarterly.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. All reports and proposals must be submitted under a seal of a California -Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

The PSA proposal is due within 60 days of date of this letter by June 12, 2000. Once the proposal is approved, fieldwork should commence within 60 days. A report must be submitted

Page 2 of 3  
April 12, 2000  
Stid 6402

within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this office approves a change in sampling frequency or the site qualifies for closure. Such quarterly reports are due the first day of the second month of each subsequent quarter.

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- Status of groundwater contamination characterization
- Interpretations of results: water level contour maps showing gradients, free and dissolved product, plume definition maps for each target component, geologic cross sections, etc.
- Recommendations or plans for additional investigative work or remediation

**Additionally, Per my discussion with Mr. Tom Ballard of Apex EnviroTech Inc., you are required to include a well survey and address the known domestic well(s).**

The City of Hayward will oversee any work relating to the 1998 UST upgrade requirements. However, this office will oversee any contaminated soil or groundwater that is generated from this work.

The State Water Resources Control Board manages an Underground Storage Tank Cleanup Fund (Fund) to help eligible Responsible Parties to obtain reimbursement for costs of investigating and remediating releases from petroleum underground storage tanks. You are encouraged to apply. To obtain an Application Package, contact the Fund at the following:

State Water Resources Control Board  
Division of Clean Water Programs  
UST Cleanup Fund  
P.O. Box 944212  
Sacramento, CA 944212  
Telephone: (916)227-4307

You may contact Cheryl Gordon at (916)-227-4539 with any questions regarding State Trust fund.

Please be advised that this is a formal request for a work plan pursuant to Section 2722(c)(d) of Title 23 California Code of Regulations. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

Should you have any questions or comments, please contact me at (510) 567-6876.

Page 3 of 3  
April 12, 2000  
Stid 6402

A handwritten signature in black ink, appearing to be 'W' followed by a long horizontal stroke.

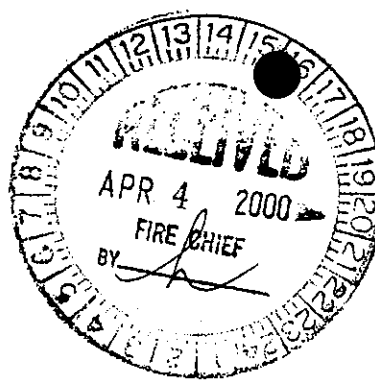
Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Mr. Tom Ballard, Apex Envirotech, Inc. 7844 Maddison Ave., Fair Oaks, CA 95628  
Files

April 4, 2000

Larry Arfsten  
Fire Chief  
City of Hayward  
City Hall  
777 B St.  
Hayward, CA 94541



|         |  |
|---------|--|
| C-1000  |  |
| C-1001  |  |
| C-1002  |  |
| C-1003  |  |
| C-1004  |  |
| C-1005  |  |
| C-1006  |  |
| BC'S    |  |
| AA      |  |
| REC     |  |
| ADMIN   |  |
| FILE TO |  |
| FILE    |  |

Subject: Request to Inspect and Copy Public Records

Dear Larry:

This letter is to request access to records in the possession of the city of Hayward for the purpose of inspection and copying pursuant to the California Public Records Act (Government Code Section 6250 et seq.).

The information that I ask to inspect is as follows: Any records or public documents in the possession of the city of Hayward regarding the dumping of toxics in south Hayward, as detailed in the questions which accompany this request.

This request reasonably describes identifiable records or information produced therefrom, and I believe that there exists no express provisions of law exempting the records from disclosure. Pursuant to Government Code Section 6257, I ask that you make the records "promptly available," for inspection and copying, based on my payment of "fees covering direct costs of duplication, or statutory fee, if applicable."

If a portion of the information I have requested is exempt from disclosure by express provisions of law, Government Code Section 6257 requires segregation and deletion of the material in order that the remainder of the information may be released.

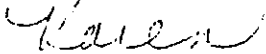
If you determine that an express provision of law exists to exempt from disclosure all or a portion of the material I have requested, Government Code Section 6256 requires notification to me of the reasons for the determination no later than 10 days from your receipt of this request.

Government Code Section 6256.2 prohibits the use of the 10-day period, or any provisions of the Public Records Act, "to delay access for purposes of inspecting public records."

I also would appreciate your personal response to portions of the questions which do not deal specifically with public records.

Thank you, Larry, for your timely attention to my request.

Sincerely,

  
Karen Holzmeister  
Daily Review  
22533 Foothill Blvd.  
Hayward, CA 94541  
293-2478

cc: Lucinda Ryan, Daily Review city editor

## Questions

1. What is the location of the dump? I have heard it is in the Taylor-Holyoke-Mediterranean-Silver Star area?
2. What exactly is the toxic material? I heard it might be petroleum contaminated soil, i.e. gasoline and oil.
3. How big is the area? I heard it might be an area about 25 to 30 feet wide and 1,000 feet long.
4. How deep is the burial area, and is the contaminated material covered with any other material(s) - i.e., dirt and asphalt?
5. Who is the owner or developer of the property? Is it part of a larger development? Is it Summer hill Homes? If so, how large is the entire development and how many homes are included (built and still to be constructed)?
6. Are people now occupying homes in the vicinity of the toxic burial? Are unoccupied homes (or homes still under construction) in the vicinity of the toxic burial? Is the toxic dump area in the vicinity of the Silver Star Veterans' Park site?
7. Have residents/property owners in the vicinity of the toxic dump been told about the presence of the toxic materials?
8. When did the city learn of the toxic dump? From who? What types of tests have been done on the site, and when will the results be released by the city? Which city departments and other agencies have worked with the fire department on this issue (I believe Jesus mentioned county and state health departments).
9. Has the city or other agencies determined who dumped the tonics, and where the tonics (soil) came from? Is there a possibility that the tonics are leeching towards the Bay?
10. Did the property owner or developer initially deny that any tonics were dumped on the development site? Did the property owner or developer later acknowledge tainted material may have been buried on the site?
11. What penalties could the city impose on the individual or company responsible for the dumping?
12. What is the status of the city-county-state investigation into this matter?

**FAX**from **Geomatrix Consultants, Inc.**2101 Webster Street, 12th Floor, Oakland, CA 94612  
www.geomatrix.com**Date:** March 30, 2000**Number of pages**  
**including cover sheet:** 1

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**To: Hugh Murphy:** 510-583-3641

Susan Hugo: 510-337-9335

Roger Brewer: 510-622-2460

Barbara Cook: 510-540-2122

Mark Beskind: 650-857-1077

Kim Brandt: 510-652-2246

Fax Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

cc: \_\_\_\_\_

**From: Ann Holbrow**Fax Phone: **510-663-4141**Phone: **510-663-4100**Direct dial: **510-663-4135**Email: **Aholbrow@geomatrix.com**Project No.: **6262.000.0**Project Name: **Canterbury Residential Development****REMARKS:**☐ Hard copy to follow ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

This fax is to confirm that per instructions from Roger Brewer at the Regional Water Quality Control Board installation of the three monitoring wells at the Canterbury Residential Development will not be required for their decision regarding groundwater issues at the site. We have cancelled the field work associated with this effort.

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**FAX**

from **Geomatrix Consultants, Inc.**  
2101 Webster Street, 12th Floor, Oakland, CA 94612  
www.geomatrix.com

**Date:** March 29, 2000**Number of pages  
including cover sheet:** 2

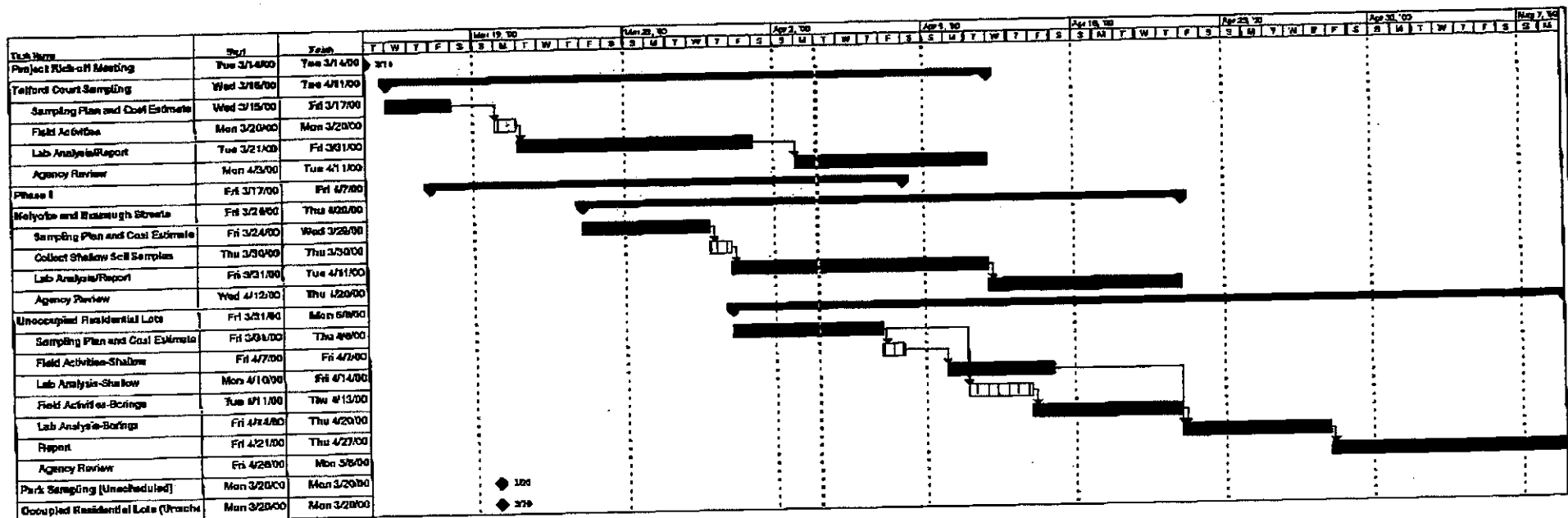
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**To: Hugh Murphy: 510-583-3641****Susan Hugo: 510-337-9335****Roger Brewer: 510-622-2460****Barbara Cook 510-540-3819****Kim Brandt: 510-852-2246****Mark Beskind: 650-857-1077****Fax Phone:****Phone:****cc:**Susan GallardoTom Gavigan**From: Ann Holbrow****Fax Phone: 510-663-4141****Phone: 510-663-4100****Direct dial:****Email:****Project No.: 6262.000.0****Project Name: Canterbury Residential Development****REMARKS:**

☐ Hard copy to follow ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

Attached is the updated schedule for the Canterbury Residential Development project. Specific changes to note:

- 1) The Phase I will include data from the Park site received on Monday, April 3. We estimate that a final document will be available by Friday.
- 2) Sampling on the unoccupied residential lots has been scheduled as shown on the attachment. Surface sampling will occur on Friday and borings will begin on Tuesday of the following week (based on driller availability). We plan to collect samples from the 7 lots associated with the Park site first and can expedite analytical results as necessary. One report summarizing all results is planned. A workplan and cost estimate for this effort is being developed today and will be available for review by tomorrow afternoon.
- 3) We anticipate receiving analytical results from the samples in the street by the end of today (April 4). Tables summarizing the results should be available tomorrow.



**FAX**

from **Geomatrix Consultants, Inc.**  
2101 Webster Street, 12th Floor, Oakland, CA 94612  
www.geomatrix.com



Date: March 28, 2000

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including cover sheet:

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To: Hugh Murphy: 510-583-3641

Susan Hugo: 510-337-9335

Roger Brewer: 510-622-2460

Kim Brandt: 510-652-2246

Mark Beskind: 650-857-1077

Fax Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

cc: \_\_\_\_\_

From: Ann Holbrow

Fax Phone: 510-663-4141Phone: 510-663-4100

Direct dial: \_\_\_\_\_

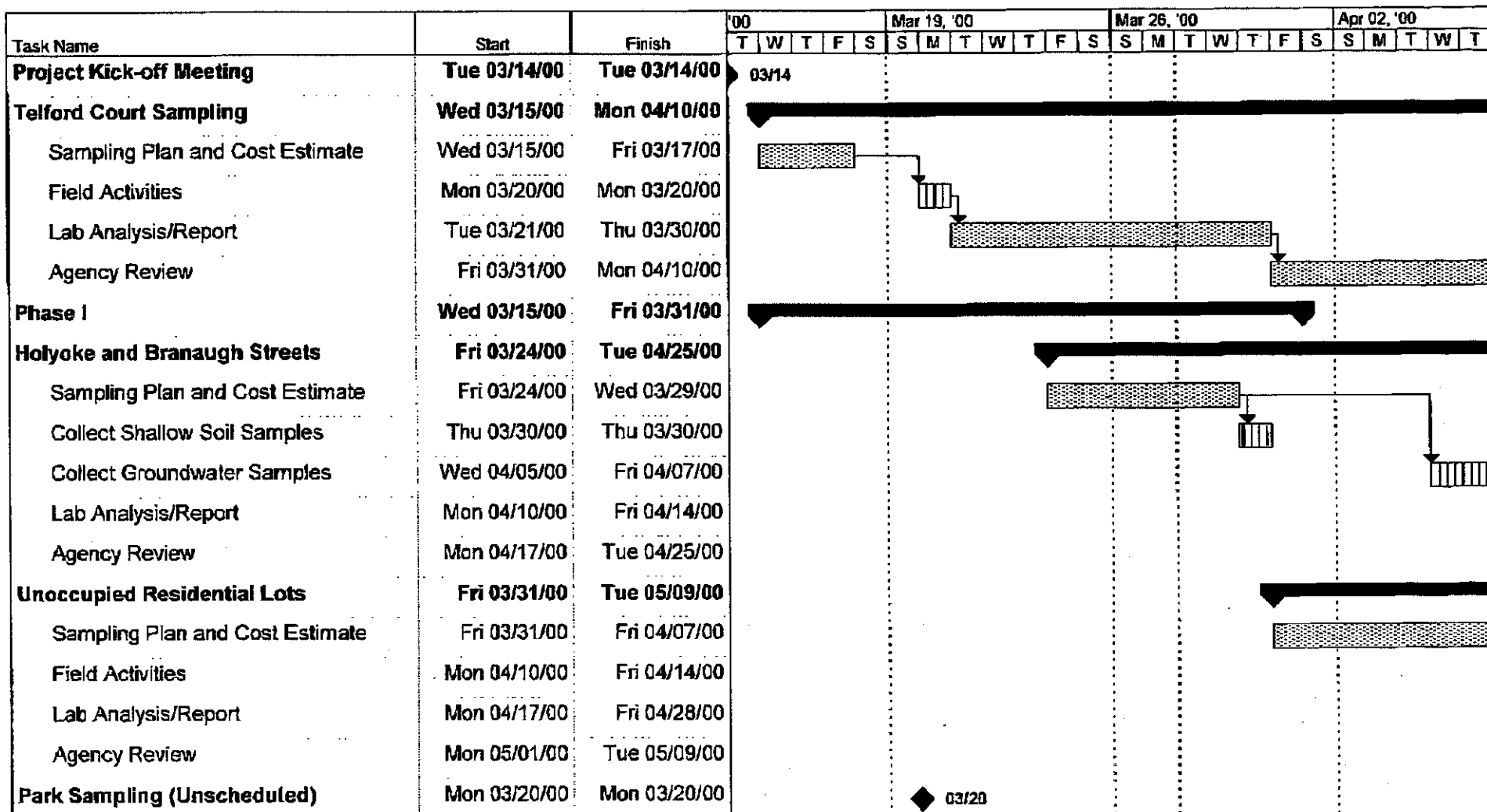
Email: \_\_\_\_\_

Project No.: 6262.000.0Project Name: Canterbury Residential Development**REMARKS:**

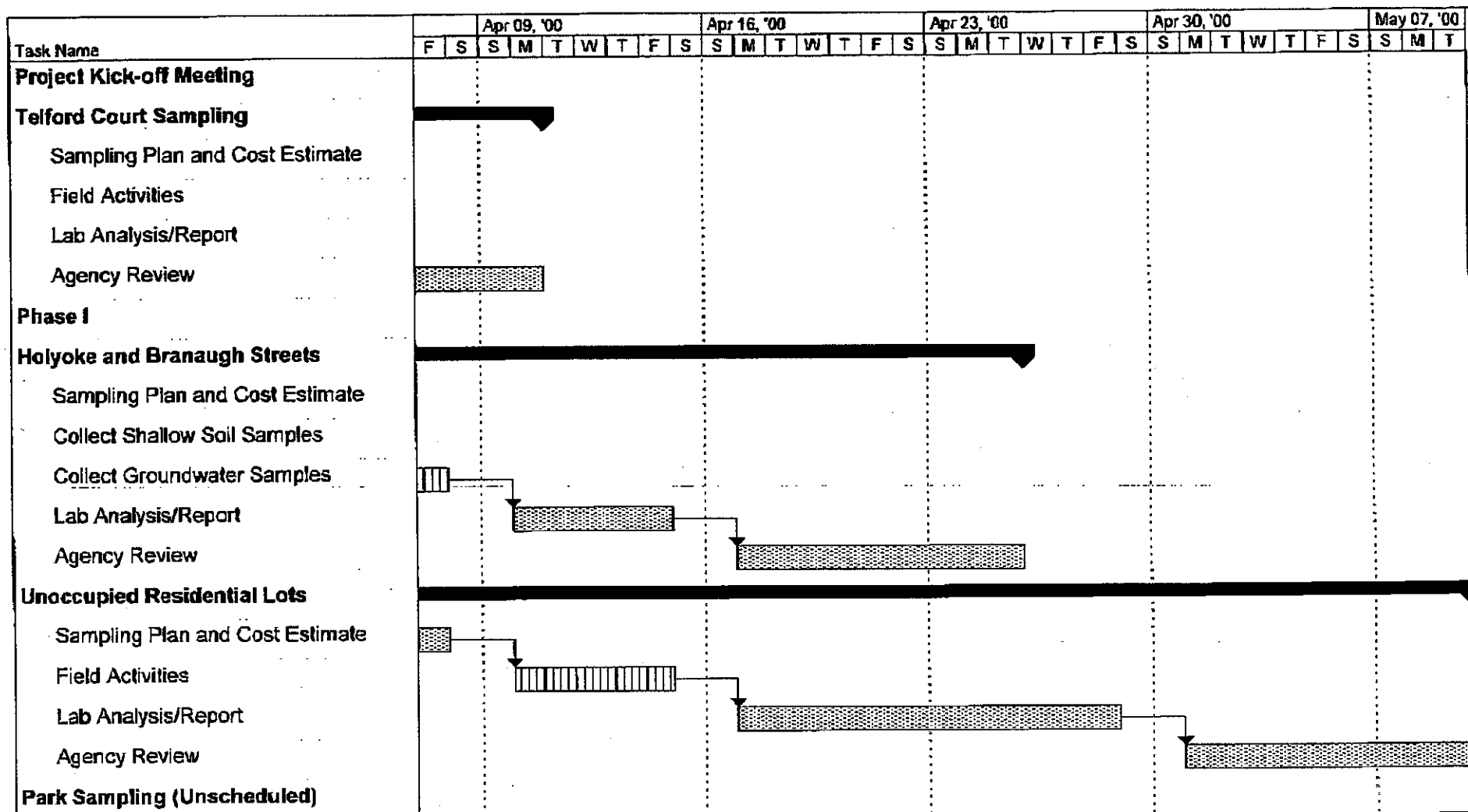
☐ Hard copy to follow ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment






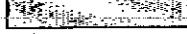





Attached is the schedule for phases of this project that are currently being planned. As we've discussed, the critical path overall is the additional investigation in Holyoke and Branaugh Streets. The soonest we were able to identify an available drill rig was for Wednesday, April 5, 2000. The additional soil sampling in the street will be able to take place this week. A workplan for this effort should be available by today or tomorrow.

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|                                                             |           |   |                     |   |                    |  |
|-------------------------------------------------------------|-----------|---|---------------------|---|--------------------|--|
| Project: Canterbury Residential Devel<br>Date: Tue 03/28/00 | Task      |   | Summary             |   | Rolled Up Progress |  |
|                                                             | Split     |   | Rolled Up Task      |   | External Tasks     |  |
|                                                             | Progress  |   | Rolled Up Split     |   | Project Summary    |  |
|                                                             | Milestone | ◆ | Rolled Up Milestone | ◇ |                    |  |



|                                                             |           |                                                                                     |                     |                                                                                       |                    |                                                                                       |
|-------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Project: Canterbury Residential Devel<br>Date: Tue 03/28/00 | Task      |  | Summary             |  | Rolled Up Progress |  |
|                                                             | Split     |  | Rolled Up Task      |  | External Tasks     |  |
|                                                             | Progress  |  | Rolled Up Split     |  | Project Summary    |  |
|                                                             | Milestone |  | Rolled Up Milestone |  |                    |                                                                                       |

**FAX**

from **Geomatrix Consultants, Inc.**  
2101 Webster Street, 12th Floor, Oakland, CA 94612  
www.geomatrix.com



Date: March 23, 2000

Number of pages  
including cover sheet: 7

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To: Hugh J. Murphy

From: Ann Holbrow Fax Phone: 510-583-9641Phone: 510-583-4924cc: Susan Hugo - (510)337-9335Kim Brandt - (510)596-9576Mark Beskind - (650)857-1077Fax Phone: 510-663-4141Phone: 510-663-4100

Direct dial: \_\_\_\_\_

Email: \_\_\_\_\_

Project No.: 6262.000.0Project Name: Canterbury Residential Development**REMARKS:**

☐ Hard copy to follow ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

Attached are summary tables providing preliminary analytical results for the samples collected on Telford Court and a figure showing sample locations. These tables represent the data provided by the laboratory; we have not independently completed a quality assurance review.

In our review of the polycyclic aromatic hydrocarbon (PAH) data, we noted that concentrations of benzo(a)pyrene exceeded the residential Preliminary Remediation Goal (PRG) at GMX-40C (at 1.5 feet bgs). Based on the boring logs, this material is distinct from material encountered at ~4 and ~8 feet bgs. Based on the criteria in our workplan, we have arranged for the laboratory to analyze the surrounding samples (GMX-40A-1.5, GMX-40B-1.5, and GMX-39B-1.5) for PAHs.

We are continuing to review the other data based on the criteria in our work plan. We will notify you if additional analyses are requested by the end of the day.

DRAFT

TABLE \_\_\_\_

**SOIL ANALYTICAL RESULTS FOR POLYCHLORINATED BIPHENYLS**  
**Canterbury Residential Development**  
**Hayward, California**

Concentrations reported in milligrams per kilogram (mg/kg)

| Sample I.D. | Depth (feet) | Date    | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 |
|-------------|--------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| GMX33B-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX33B-4.0  | 4.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX33B-7.0  | 7.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX34B-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX34B-4.0  | 4.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX34B-7.0  | 7.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX35C-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX35C-4.0  | 4.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX35C-7.0  | 7.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX36C-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX36C-4.5  | 4.5          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX36C-8.0  | 8.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX37C-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX37C-4.5  | 4.5          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX37C-8.0  | 8.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX38C-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX38C-4.5  | 4.5          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX38C-8.0  | 8.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX39C-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX39C-4.5  | 4.5          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX39C-8.0  | 8.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX40C-1.0  | 1.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX40C-4.5  | 4.5          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |
| GMX40C-8.0  | 8.0          | 3/20/00 | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        | <0.05        |

**DRAFT**

TABLE \_\_\_\_

**SOIL ANALYTICAL RESULTS FOR ORGANOCHLORINE PESTICIDES.**  
**Canterbury Residential Development**  
**Hayward, California**

Concentrations reported in micrograms per kilogram (µg/kg)

| Sample I.D. | Depth (ft) | Date    | Aldrin | Dieldrin     | Endrin Aldehyde | Endrin | Heptachlor | Heptachlor epoxide | 4,4'-DDT | 4,4'-DDE     | 4,4'-DDD | Endosulfan I | Endosulfan II | alpha-BHC | Beta-BHC | gamma-BHC (Lindane) | delta-BHC | Endosulfan Sulfate | 4,4'-methoxychlor | toxaphene | alpha-Chlordane | gamma-Chlordane |
|-------------|------------|---------|--------|--------------|-----------------|--------|------------|--------------------|----------|--------------|----------|--------------|---------------|-----------|----------|---------------------|-----------|--------------------|-------------------|-----------|-----------------|-----------------|
| GMO31B-1.0  | 1.0        | 3/20/00 | <10    | <10          | <50             | <10    | <10        | <10                | <50      | <10          | <10      | <50          | <50           | <10       | <10      | <10                 | <10       | <50                | <50               | <100      | <50             | <50             |
| GMO31B-4.0  | 4.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO31B-7.0  | 7.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO34B-1.0  | 1.0        | 3/20/00 | <10    | <b>(14)</b>  | <50             | <10    | <10        | <10                | <50      | <10          | <10      | <50          | <50           | <10       | <10      | <10                 | <10       | <50                | <50               | <500      | <50             | <250            |
| GMO34B-4.0  | 4.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO34B-7.0  | 7.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO35C-1.0  | 1.0        | 3/20/00 | <10    | <10          | <50             | <10    | <10        | <10                | <50      | <10          | <10      | <50          | <50           | <10       | <10      | <10                 | <10       | <50                | <50               | <500      | <50             | <250            |
| GMO35C-4.0  | 4.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO35C-7.0  | 7.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO36C-1.0  | 1.0        | 3/20/00 | <10    | <10          | <50             | <10    | <10        | <10                | <50      | <10          | <10      | <50          | <50           | <10       | <10      | <10                 | <10       | <50                | <50               | <500      | <50             | <250            |
| GMO36C-4.5  | 4.5        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO36C-8.0  | 8.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO37C-1.0  | 1.0        | 3/20/00 | <2.0   | <2.0         | <b>(11)</b>     | <2.0   | <2.0       | <2.0               | <10      | <b>(4.4)</b> | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO37C-4.5  | 4.5        | 3/20/00 | <2.0   | <b>(1.7)</b> | <10             | <2.0   | <2.0       | <2.0               | <10      | <b>(2.1)</b> | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO37C-8.0  | 8.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO38C-1.0  | 1.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO38C-4.5  | 4.5        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO38C-8.0  | 8.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO39C-1.0  | 1.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO39C-4.5  | 4.5        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO39C-8.0  | 8.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO40C-1.0  | 1.0        | 3/20/00 | <10    | <10          | <50             | <10    | <10        | <10                | <50      | <10          | <10      | <50          | <50           | <10       | <10      | <10                 | <10       | <50                | <50               | <500      | <50             | <250            |
| GMO40C-4.5  | 4.5        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |
| GMO40C-8.0  | 8.0        | 3/20/00 | <2.0   | <2.0         | <10             | <2.0   | <2.0       | <2.0               | <10      | <2.0         | <2.0     | <10          | <10           | <2.0      | <2.0     | <2.0                | <2.0      | <10                | <10               | <100      | <50             | <50             |

Note:

Detected values highlighted in bold.





TABLE \_\_\_\_\_  
 SOIL ANALYTICAL RESULTS FOR METALS<sup>1</sup>  
 Canterbury Residential Development  
 Hayward, California

# DRAFT

Concentrations reported in milligrams per kilogram (mg/kg)

| Sample ID  | (feet) | Date    | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | Zinc | Mercury |
|------------|--------|---------|----------|---------|--------|-----------|---------|----------|--------|--------|------|------------|--------|----------|--------|----------|----------|------|---------|
| GMD33B-1.0 | 1.0    | 3/20/00 | <2.0     | 5.2     | 320    | <0.50     | <0.50   | 32       | 10     | 41     | 14   | <1.0       | 31     | <2.0     | <1.0   | <1.0     | 49       | 98   | 0.11    |
| GMD33B-4.0 | 4.0    | 3/20/00 | <2.0     | 4.9     | 210    | <0.50     | <0.50   | 29       | 9.2    | 15     | 6.1  | <1.0       | 35     | <2.0     | <1.0   | <1.0     | 33       | 27   | <0.050  |
| GMD33B-7.0 | 7.0    | 3/20/00 | <2.0     | 1.1     | 110    | <0.50     | <0.50   | 29       | 7.0    | 12     | 4.7  | <1.0       | 32     | <2.0     | <1.0   | <1.0     | 21       | 30   | <0.050  |
| GMD34B-1.0 | 1.0    | 3/20/00 | <2.0     | 7.2     | 150    | <0.50     | <0.50   | 32       | 11     | 47     | 21   | <1.0       | 32     | <2.0     | <1.0   | <1.0     | 57       | 65   | 0.35    |
| GMD34B-4.0 | 4.0    | 3/20/00 | <2.0     | 4.7     | 200    | <0.50     | <0.50   | 27       | 6.9    | 14     | 5.1  | <1.0       | 30     | <2.0     | <1.0   | <1.0     | 33       | 25   | <0.050  |
| GMD34B-7.0 | 7.0    | 3/20/00 | <2.0     | 1.4     | 120    | <0.50     | <0.50   | 27       | 7.0    | 13     | 5.1  | <1.0       | 36     | <2.0     | <1.0   | <1.0     | 20       | 32   | <0.050  |
| GMD35C-1.0 | 1.0    | 3/20/00 | <2.0     | 3.8     | 100    | <0.50     | <0.50   | 29       | 9.1    | 35     | 14   | <1.0       | 32     | <2.0     | <1.0   | <1.0     | 39       | 56   | 0.074   |
| GMD35C-4.0 | 4.0    | 3/20/00 | <2.0     | <1.0    | 120    | <0.50     | <0.50   | 22       | 6.0    | 13     | 5.8  | <1.0       | 24     | <2.0     | <1.0   | <1.0     | 16       | 22   | <0.050  |
| GMD35C-7.0 | 7.0    | 3/20/00 | <2.0     | 2.6     | 110    | <0.50     | <0.50   | 29       | 8.2    | 12     | 5.1  | <1.0       | 31     | <2.0     | <1.0   | <1.0     | 24       | 29   | <0.050  |
| GMD36C-1.0 | 1.0    | 3/20/00 | <2.0     | 3.4     | 130    | <0.50     | <0.50   | 25       | 7.5    | 38     | 18   | <1.0       | 28     | <2.0     | <1.0   | <1.0     | 28       | 76   | 0.062   |
| GMD36C-4.5 | 4.5    | 3/20/00 | <2.0     | 1.4     | 130    | <0.50     | <0.50   | 22       | 8.3    | 15     | 22   | <1.0       | 23     | <2.0     | <1.0   | <1.0     | 17       | 44   | 0.097   |
| GMD36C-8.0 | 8.0    | 3/20/00 | <2.0     | 1.2     | 110    | <0.50     | 0.52    | 18       | 6.6    | 15     | 5.0  | <1.0       | 26     | <2.0     | <1.0   | <1.0     | 21       | 34   | <0.050  |
| GMD37C-1.0 | 1.0    | 3/20/00 | <2.0     | 3.9     | 100    | <0.50     | 8.55    | 29       | 9.6    | 34     | 31   | <1.0       | 34     | <2.0     | <1.0   | <1.0     | 42       | 87   | 0.21    |
| GMD37C-4.5 | 4.5    | 3/20/00 | <2.0     | 4.7     | 190    | <0.50     | <0.50   | 26       | 8.6    | 48     | 17   | <1.0       | 30     | <2.0     | <1.0   | <1.0     | 37       | 50   | 0.066   |
| GMD37C-8.0 | 8.0    | 3/20/00 | <2.0     | 5.0     | 190    | <0.50     | <0.50   | 26       | 8.7    | 47     | 17   | <1.0       | 30     | <2.0     | <1.0   | <1.0     | 37       | 50   | <0.050  |
| GMD38C-1.0 | 1.0    | 3/20/00 | <2.0     | 2.8     | 130    | <0.50     | <0.50   | 21       | 6.2    | 18     | 12   | <1.0       | 23     | <2.0     | <1.0   | <1.0     | 25       | 33   | 0.052   |
| GMD38C-4.5 | 4.5    | 3/20/00 | <2.0     | <1.0    | 100    | <0.50     | <0.50   | 20       | 7.3    | 11     | 4.8  | <1.0       | 21     | <2.0     | <1.0   | <1.0     | 16       | 16   | <0.050  |
| GMD38C-8.0 | 8.0    | 3/20/00 | <2.0     | 1.0     | 73     | <0.50     | <0.50   | 21       | 4.1    | 9.4    | 4.2  | <1.0       | 28     | <2.0     | <1.0   | <1.0     | 17       | 23   | <0.050  |
| GMD39C-1.0 | 1.0    | 3/20/00 | <2.0     | <1.0    | 19     | <0.50     | <0.50   | 2.4      | <1.0   | 3.9    | 9.5  | <1.0       | <1.0   | <2.0     | <1.0   | <1.0     | 1.5      | 66   | <0.050  |
| GMD39C-4.5 | 4.5    | 3/20/00 | <2.0     | 1.2     | 120    | <0.50     | <0.50   | 19       | 5.4    | 14     | 8.8  | <1.0       | 19     | <2.0     | <1.0   | <1.0     | 16       | 22   | <0.050  |
| GMD39C-8.0 | 8.0    | 3/20/00 | <2.0     | 1.9     | 90     | <0.50     | <0.50   | 26       | 5.0    | 11     | 4.5  | <1.0       | 32     | <2.0     | <1.0   | <1.0     | 19       | 29   | <0.050  |
| GMD40C-1.0 | 1.0    | 3/20/00 | <2.0     | 2.6     | 120    | <0.50     | <0.50   | 22       | 8.1    | 33     | 16   | <1.0       | 25     | <2.0     | <1.0   | <1.0     | 37       | 47   | 0.39    |
| GMD40C-4.5 | 4.5    | 3/20/00 | <2.0     | 1.5     | 160    | <0.50     | <0.50   | 24       | 7.9    | 13     | 5.4  | <1.0       | 29     | <2.0     | <1.0   | <1.0     | 20       | 21   | <0.050  |
| GMD40C-8.0 | 8.0    | 3/20/00 | <2.0     | 1.7     | 130    | <0.50     | <0.50   | 27       | 6.3    | 13     | 4.6  | <1.0       | 32     | <2.0     | <1.0   | <1.0     | 23       | 29   | <0.050  |

Notes:

1. California Code of Regulations (CCR) Title 22, Section 66261.24(a)(2)(A) metals. Analyzed in accordance with EPA Method Series 6000/7000.
2. Detected values highlighted in bold.

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TABLE \_\_\_\_\_

## SOIL ANALYTICAL RESULTS FOR SELECTED VOLATILE ORGANIC COMPOUNDS

Canterbury Residential Development  
Hayward, California

Concentrations reported in micrograms per kilogram ( $\mu\text{g/kg}$ )

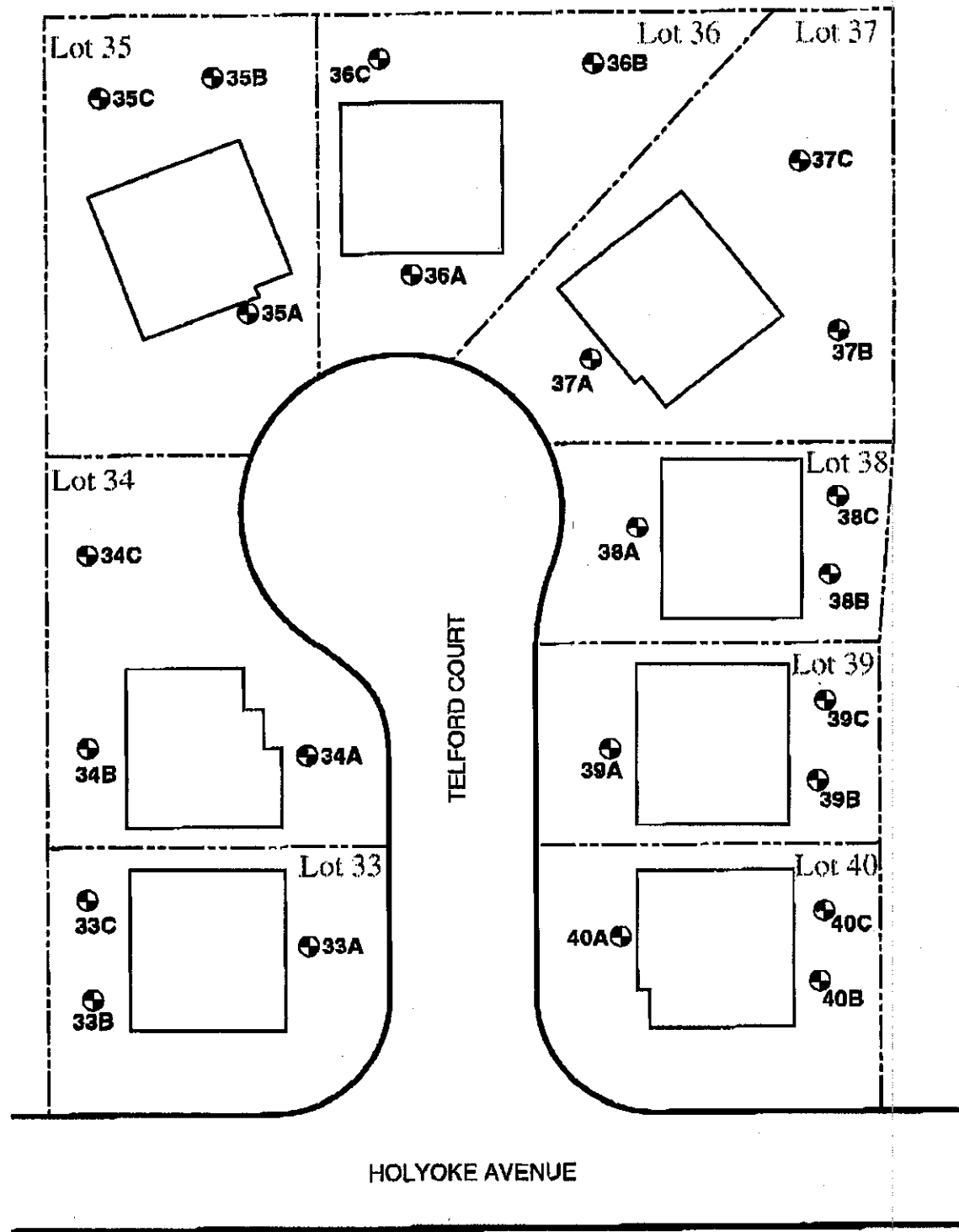
| Sample ID. | Depth (feet) | Date    | Methylene chloride | 1,3,5-Trimethylbenzene | 1,2,4-Trimethylbenzene | Naphthalene |
|------------|--------------|---------|--------------------|------------------------|------------------------|-------------|
| GMX33B-1.5 | 1.5          | 3/20/00 | 55 lc              | <5                     | <5                     | <5          |
| GMX33B-4.5 | 4.5          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX33B-7.5 | 7.5          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX34B-1.5 | 1.5          | 3/20/00 | 55 lc              | <5 J                   | <5 J                   | <5 J        |
| GMX34B-4.5 | 4.5          | 3/20/00 | 54 lc              | <5                     | <5                     | <5          |
| GMX34B-7.5 | 7.5          | 3/20/00 | 51 lc              | <5                     | <5                     | <5          |
| GMX35C-1.5 | 1.5          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX35C-4.5 | 4.5          | 3/20/00 | <50                | <5 J                   | <5 J                   | <5 J        |
| GMX35C-7.5 | 7.5          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX36C-1.5 | 1.5          | 3/20/00 | 59 lc              | <5 J                   | <5 J                   | <5 J        |
| GMX36C-5.0 | 5.0          | 3/20/00 | 70 lc              | <5 J                   | <5 J                   | <5 J        |
| GMX36C-8.5 | 8.5          | 3/20/00 | 74 lc              | <5                     | <5                     | <5          |
| GMX37C-1.5 | 1.5          | 3/20/00 | 79 lc              | <5                     | <5                     | <5          |
| GMX37C-5.0 | 5.0          | 3/20/00 | 60 lc              | <5                     | <5                     | <5          |
| GMX37C-8.5 | 8.5          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX38C-1.5 | 1.5          | 3/20/00 | 73 lc              | <5                     | 6                      | 11          |
| GMX38C-5.0 | 5.0          | 3/20/00 | 86 lc              | <5                     | <5                     | <5          |
| GMX38C-8.5 | 8.5          | 3/20/00 | 55 lc              | <5                     | <5                     | <5          |
| GMX39C-1.5 | 1.5          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX39C-5.0 | 5.0          | 3/20/00 | 56 lc              | <5                     | <5                     | <5          |
| GMX39C-8.5 | 8.5          | 3/20/00 | 60 lc              | <5                     | <5                     | <5          |
| GMX40C-1.5 | 1.5          | 3/20/00 | 120 lc             | 13 J                   | 22 J                   | 11 J        |
| GMX40C-5.0 | 5.0          | 3/20/00 | <50                | <5                     | <5                     | <5          |
| GMX40C-8.5 | 8.5          | 3/20/00 | 54 lc              | <5                     | <5                     | <5          |

## Notes:

Detected values highlighted in bold.

lc - The presence of the compound indicated is likely due to laboratory contamination.

J- The internal standard associated with the analyte is out of control limits. The reporting limit or reported concentration is an estimate.



**DRAFT**



0 40 Feet  
Approximate Scale

S:\6262\6262\hna-003\601.d



**SITE VICINITY MAP WITH BORING LOCATIONS**  
Canterbury Residential Development  
Hayward, California

Project No.  
6262

Figure  
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**SCOPE OF WORK**  
**EVALUATION OF EIGHT PARCELS ON TELFORD COURT**

March 16, 2000

@ City of Hayward

- attending by:*
- I. Goal – To conduct an environmental site characterization to evaluate unrestricted occupancy of homes on eight residential parcels on Telford Court
  
  - II. Scope of Work–
    - A. Review available data
    - B. Develop scope of work with City of Hayward (City) and Alameda County (County)
    - C. Conduct soil sampling
      1. Three borings per property to a depth of 8 feet bgs (2 in front yard, 1 in back). *native*
      2. Samples collected at four depths (1, 4 and 8 feet bgs). If the interface between fill and native material can be identified, the sample at 4 feet may be adjusted in the field to collect a sample at the interface.
      3. Samples from one boring (from backyard location) analyzed; samples from additional borings held. Samples analyzed for COPCs previously identified at the property on 24-hour turn around.
        - ✓ a. Polycyclic aromatic hydrocarbons (PAHs; EPA Method 8270 SIMS; 48-hour turn around minimum) *TPH finger printing →*
        - ✓ b. Volatile organic compounds (VOCs; EPA Method 8260)
        - ✓ c. Metals (full suite; EPA Method 6010/7000 series)
        - ✓ d. Pesticides/PCBs (EPA Method 8081/8082)
    - D. Compare concentrations to U.S. EPA residential PRGs.
      1. If any sample results exceeds PRGs or cumulative results exceed PRGs, compare to background. ✓
      2. If sample results exceed PRGs and background, analyze additional samples at site. ✓
    - E. Prepare Summary Report of Results
  
  - III. Additional Investigations
    - A. Phase I for entire property
    - B. Existing residences

C. Encapsulated material

D. Remaining unoccupied residential area

III. Schedule

- Thursday, March 16 meet with City and County to discuss scope.
- Friday, March 17, finalize scope. ✓
- Monday, March 20, begin field work. ✓
- Tuesday, March 21, finish field work. ✓
- Wednesday, March 22, initial sample results ✓
- Thursday, March 23, evaluate results and request additional analyses, as necessary ✓
- Friday, March 24, verbal report, if no additional sample analysis is required.  
If additional analyses are required, then verbal report on Monday, March 27 at the end of the day
- Written report by Tuesday, March 28 unless additional sample analysis is required. }

3/16/2000

9-11

Meeting at City of Hayward re: Summerhill Homes  
attended by:

Fire Chief

Fire Marshall

Kugh Murphy

Steve Buschick

Ann Marie Halbrun

Susan Ballou

City of Hayward

Permatrix

Discussed: Scope of work for additional testing  
8 residential parcels -

schedule for drilling - Monday 3/20/00

call ACPW for drilling permits (to Ann Halbrun)

3/17/2000

Reviewed "Summary of Environmental Activity Report"  
by TerraSearch Inc. 3/16/2000

Rec'd fr. City of Hayward 3/16/2000

Depth to W 7.5 ft → 15 ft bgs

GW → SE

2/98 4 borings drilled to 13-25 ft bgs continuous cor  
soil = TPHd 3.2 to 5.3 ppm

TBG 130 ppm

Metals present in soil & GW w/in back ground

Ch VOCs  
metals  
auto repair shops

CHCs + other TPH = nd soil

CHCs + TPH = nd in H<sub>2</sub>O

550g UST

actone 680 ppb in soil ~

- excavated to approx 12 ft deep  
till natural soil

SVOCs + PCBs = nd

Metals = low conc.

TEPH = 420 ppm

TOG = 3600 ppm

5/99 <sup>file many</sup> Labs 83-86 encountered two like material

6/3/99 County issued NAF (Phase 1 10/97 ESA 3/98 +  
Subsurface Ind. 5/14/99)

6/16/99 - Geomsearch collected more <sup>soil</sup> samples

TRPH = ~~detected~~

160 ~~ppm~~ / 400 ppm

TEPH = ~~detected~~

570 → 600 ppm

11,748 ~~cuyds~~

→ 2,000 ~~cuyds~~

Forward Landfill → manifest  
evid. of disposal

→ Stockpiled

→ ? former Silver Star Court

→ Stockpile has bc impacted soil + native ~~mi~~ soil  
was encapsulated in street areas?

Streets excavated to 7-9.5 ft compacted to 2  
5 to 6 ft. No GW encountered?



pg 10 - not notified

3/30/2000 On site @ Telford Court - Canterbury Residential Dev  
Met w/ Steve Buscovich (City of Hayward)  
& Ann Halbrun (Geomatrix).

- Supplementary WP discussed at meeting on 3/16/2000
- \* focus of investigation - to evaluate unrestricted occupancy of 8 homes already completed.
  - \* discuss w/ Steve Buscovich - more sampling (confirmatory samples) ~~to be~~ collected in the area where tar affected soil was removed; but developer laying down concrete pad

3/21/2000 Call fr. Hugh Murphy - 583 - 4924

Talked to Ann Halbrun - her confirm analytical  
EPA 8081/8082 →

→ Review Phase I Env. Site Assessment for Sunnyside Home  
by Terra Search 10/24/97

- mixed residential, commercial & light industrial  
RV & automobile parking lots

- \* well may be present on one of residential properties located on Taylor Ave. - drilled in 1976 approx 40 ft bgs.

3/21/2000

Reviewed "Initial Surface & Subsurface Environmental Site Assessment Report for Summerhill Homes prepared by TerraSearch 3/9/98

- evaluate lateral & vertical extent agricultural & automobile contaminants (organochloride pesticides, herbicide, cleaning solvents) TPHs & metal) in soil & GW on 670 Olympic Ave., & residences along Olympic & Taylor Ave. in Hayward.

→ based on topography GWP to west. site on former lane (approx 0.57 mile to SW) GW # to E-SE.

4 borings advanced to depths 13 ft to 25 ft bgs

3/24/2000

Reviewed Additional Subsurface Env. Site Assessment Report - Summerhill Homes by TerraSearch 5/14/99

→ for 670 Olympic Ave.

→ Alameda Creek 500 to 1200 ft NW of

→ 670 Olympic Bldg demo in 3 to 4/99. UST uncovered (contained motor oil) removed. Over excavated 536 cu yds soil transported to Forward Landfill.

5/4/99 4 borings drilled to 10.5 to 11.5 ft bgs. GW encountered at confined conditions at 7.5 to 8 ft bgs & rose to 5 to 7 ft bgs after 20 minutes.

Found in GW - 26 ppb. MTBE & 130 ppb TPHs <sup>7B-1</sup>

3/21/2008

Reviewed UST removal, closure letter reports  
5/7/99 by Lina Search

- 4 foot cubic square steel box surrounded by 6 in of concrete
- 500 gal UST discovered 3/3/99 during construction
- & soil samples collected

Action found @ 680 ppb in soil

(#2) TPH = 420 ppm ✓ Y#4 Sample ? S/Ludge

(#3) TPHmo = 3600 ppm ✓

Overhead water to 12 ft bgs Confirmation soil -  
200 ppm TPH 16 ppb MTBE, 550 ppm TRPH  
HVOc - 9.3 to 76 ppb

Approx. 700 tons HC soil - Clear 2 waste Forward Indefinite  
W-1 rain water = 26 ppm TRPH

~~18~~ Yards of soil ~~as 18~~  
~~22 x 18~~ 20 x 7  
396 140 = 536 yds

Call Sequoia Analytical (925) 988-9600  
difference bet 8080 & 8081

Advanced Tech  
Conftech Analytical  
Geculabz Inc. - TPH fingerprinting  
Geo Analytical  
Sequoia

3/24/00

3.8ms

9-12:45  
20 miles

Meeting w/ Hayward, Summerhill, Promatrix & LER

1) Resolve Street Issues = before people move in  
↳ need more info - re: soil buried in road  
maybe in direct contact of the

2) Notification of property owners = ?

-? Summerhill owners ⇒ turnover to Landuse  
attorneys (3 to 4 days)

3) What if = need to collect samples on  
people's backyard ⇒ access

3/27/00

Meeting with Roger Brewer (RWBCB), Hugh Murphy  
(City of Hayward) & Ann Halbrook (Seconatrix)

- 1) food issue
- 2) gw monitoring
- 3)

4/13/2000

1) How was the public notification conducted  
homeowners door to door, letters, flyers  
meetings?

per Media - one homeowner told the media he didn't  
know anything about what was going until asked  
by the reporter, although he saw people collecting  
samples?

DTSC - work of petroleum hydrocarbon releases  
of petroleum & class

4/13/2000 meeting w/ Hayward (Hugh Murphy & Steve Bravovich) & DTSC (Diane Feige  
Update → of site \* & Maria Antonij  
Geomatrix - Ann Halbram  
Sumnerhill development - Jim Kim du sa  
John Bravovich  
LFR - Alan Bennett

Home owners Assn across the Street  
Walkway Path → near UST removal

Check pesticides #5

→ Telford Court  
→ Road

\* Notification to Public - need copies

\* Voluntary Clean up Agreement DTSC =  
- 3 days review =

no GW issues - no excavation of soil  
on Street  
& Telford Street

4/27-29/2000 Hugh Murphy out vac.

4/25/00

Reviewed DTSC's letter -  
Ania Levi has to sign this letter

cc. DTSC

RWQCB

SUMMER HILL - mark Perkins

4/25/00

Letter to Nina (DTSC)  
Report her park area →



12/19/00

Meeting w/ City Hayward / DTSC / Genetrix /  
L.F. <sup>Hugh Murphy</sup> <sup>Nina Edlman</sup> <sup>Susan Ballant</sup>  
↳ Kathleen Anderson (for him)

1) Landscaping → yes

2) ~~PNA's~~ equivalency - analyses; <sup>run risk assessment;</sup>  
↳ memo

3) TPH = evaluate using toxicity

4)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RECEIVED BY  
FIRE PREVENTION OFFICE

June 3, 1999

ENVIRONMENTAL HEALTH SERVICES  
JUN 11 1999

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

HAYWARD FIRE DEPARTMENT

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**