

10/22/98

To: Leatic

Please close the deposit /  
refund account & close  
the case in the deposit /  
refund database & the  
SLIC data base. The case  
file should go in the file  
room per Tom P.

Thanks.

Susan

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ENVIRONMENTAL  
PROTECTION

97 NOV -6 PM 4: 58

**CITY OF EMERYVILLE  
REDEVELOPMENT AGENCY**

2200 POWELL STREET, SUITE 1200

EMERYVILLE, CALIFORNIA 94608

(510) 596-4350

November 5, 1997

Susan Hugo  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**RE: Project # 4509A - Type M (STID #5818)  
1258 - 64th Street, Emeryville, CA 94608**

Dear Ms. Hugo:

Per your letter dated November 4, 1997, we are forwarding a check in the amount of \$1,269.00 for regulatory oversight services by your office. As we discussed, upon receipt of this payment, you will prepare a closure letter for the above project. We look forward to receiving the letter soon. Thank you.

Sincerely,

Maria B. Poncel  
Project Coordinator

cc: Norman Ozaki, SOMA Corporation

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

November 4, 1997

Ms. Maria Bigornia Poncel  
City of Emeryville Redevelopment Agency  
2200 Powell Street, Suite 1200  
Emeryville, California 94608

**RE: Project # 4509A - Type M ( STID # 5818 )  
at 1258 64th Street, Emeryville, CA 94608**

Dear Ms. Poncel:

Our records indicate the deposit / refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$1269.00 payable to Alameda County, Environmental Health Services.

We must receive this deposit so that future regulatory oversight on the subject site can proceed in a timely fashion. At the completion of this project, any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently at \$ 94 per hour.

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

- project #,
- type of project and
- site address (see RE: line above).

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

Sincerely,

  
Susan L. Hugo

Hazardous Materials Specialist

c: Thomas Peacock, Program Manager  
Leslie Peters - Deposit / Refund Program  
SH / files

December 17, 1996

Ms. Susan Hugo  
Alameda County  
Department of Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Regarding: Soil Removal: 1258 64th Street, Emeryville, California

Dear Ms. Hugo:

The City of Emeryville had expressed their preference to avoid a deed restriction or notification requirement if a cost effective plan could be implemented to meet all of the County's requirements for Site closure. Based on your letter of November 14, 1996, some additional excavation and sampling requirements were added to the implementation of the SOMA CAP (Corrective Action Plan) of October 29, 1996, that incorporate your comments related to a risk management plan (RMP). In addition to SB-5 and SB-9, SB-1 will also be excavated to meet your STLC requirements. The excavation requirements will be the same as those for SB-5 and SB-9. A 10-foot diameter encircling sampling location SB-1 will be excavated to an approximate depth of 12 inches. A confirmation sample will be taken at the bottom of the excavation to verify that residual lead in soil will not exceed the STLC (Soluble Threshold Limit Concentration) value of 5 mg/l. This will mean that STLC testing will be required at the bottom of the excavations at SB-1 and SB-5. The implementation of the CAP together with the excavation of SB-1 should obviate the necessity of a RMP.

The following circumstances address your concerns about the need for a RMP expressed in your letter of November 14, 1996:

- Health and Safety Plan - The enclosed Health and Safety Plan was prepared for to address, "... the risk posed to construction workers during any earth moving activities, foundation and utility trenching, etc." during Site remediation. After remediation of the Site based on a target cleanup goal (TCG) of 320 mg/kg for residential development, the Site can be considered remediated (pending your approval) and a requirement for continued use of a health and safety plan will not be necessary.
- Since the Site will be prepared for residential development based on soil removal (TCG of 320 mg/kg) and off-site disposal, the use of capping, using liners, barriers will

not be necessary to mitigate any negative impacts posed by residual lead contamination.

- A description of, "... Methods... to restrict contaminated soil to areas that are not easily accessible to the public, like under buildings" will not be necessary, since the excavated soil with residual concentrations of lead that exceed the TCG of 320 mg/kg will be disposed off site.
- Since areas of the Site that show evidence of residual lead concentrations that exceed the TCG of 320 mg/kg will be excavated and disposed off-site, "a site map showing areas where contamination may exist and a description of how the public are protected from the contamination present in these areas," will not be necessary.
- Since the Site is being remediated for residential development and the TCG of 320 mg/kg is protective of adverse health effects due to direct contact with the soil, a deed restriction or a deed notification should not be required.
- A separate plan describing dust control measures was not considered necessary since the last several weeks of weather was marked by rain. Since the end of November, two scheduled removal dates were canceled due to rain. It had rained as recently as last week. Heavy rains fell on Monday and Tuesday (December 9 and 10, 1996) with intermittent rain on Wednesday (December 11). Thursday (December 12) during the day was overcast, but no rain fell. Thursday evening, a light rain fell. Friday, Saturday and Sunday were clear with full sun.

Today, Monday, December 16, the soil on site was wet although there was not evidence of pooled surface water. The surface soil appeared sufficiently stable to permit removal; however, approximately one hour into the field activities, it became very clear that the soil was too wet to permit the use of a backhoe from completing the soil removal work. The oversized back wheels slipped frequently and in one location, one of the wheels lost traction and buried itself into approximately 2 feet of mud. By way of a detailed explanation, dust control measures were not needed.

Ms. Susan Hugo  
December 17, 1996  
Page 3 of 3

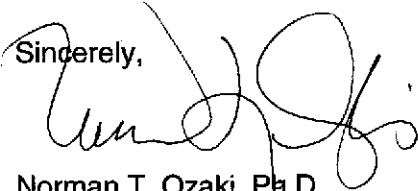
- The following verification samples will be collected:

SB-5 and SB-9: Five samples from each location SB-5 and SB-9 will be collected. Four samples from the side walls and one bottom sample. Each sample will be tested for total lead. In addition, the bottom sample for SB-5 will be tested for STLC results.

SB-1: A bottom sample from SB-1 will collected and submitted for WET extraction and analyzed for compliance with the STLC criterion for lead.

If you have any questions are comments, please feel free to call us at (510) 654-3900.

Sincerely,



Norman T. Ozaki, Ph.D.  
President and Principal Toxicologist

cc: Maria Poncel, Emeryville Redevelopment Agency

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



November 14, 1996  
SLIC # 5818

Ms. Maria Bigornia Poncel  
City of Emeryville, Redevelopment Agency  
2200 Powell Street, Suite 1200  
Emeryville, California 94608

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

**RE: CORRECTIVE ACTION WORK PLAN - 1258 64th Street, Emeryville, CA 94608**

Dear Ms. Poncel:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the Combined Soil and Groundwater Investigation and Corrective Action Plan dated October 29, 1996, prepared and submitted by Soma Corporation for the above referenced site.

The proposed corrective action work plan which includes the soil cleanup goal of 320 mg/kg lead had been reviewed by Ms. Madhulla Logan of our office. Based on my telephone conversation with Mr. Norm Ozaki of Soma Inc. today, soil contamination exceeding 320 mg/kg of lead will be excavated and disposed off site at an appropriate landfill. Contaminated soil will not be reburied on site under building pads and driveways as originally proposed.

The corrective action work plan is acceptable to this agency and can be implemented with the following conditions:

- 1) A risk management plan (RMP) must be submitted if lead exceeding the STLC (Soluble Threshold Limit Concentration) value of 5 mg/l will be left at the site. The risk management plan should include at a minimum the following items:
  - health and safety plan (see #2)
  - methods that will be used to mitigate any of the potential negative impacts posed by the residual lead contamination on-site like capping, using liners, barriers, etc.
  - methods that will be used to restrict the contaminated soil to areas that are not easily accessible to the public, like under the buildings
  - site map showing areas where contamination may exist and a description of how the public are protected from the contamination present in these areas
  - deed restriction or a deed notification will be required
  
- 2) A health and safety plan must be submitted which addresses the risk posed to construction workers during any earth moving activities, foundation and utility trenching, etc.

Ms. Maria Bigornia Poncel  
RE: 1258 64th Street, Emeryville, CA 94608  
November 14, 1996  
Page2 of 2

- 3) Provide our office with a plan for dust control measures that must be implemented during construction activities at the site.
- 4) Verification soil samples must be collected to identify the residual levels of lead in the soil that will be left on-site.
- 5) Please keep this office apprised of the progress of the site development.

You may contact me at (510) 567-6780 regarding any questions you may have concerning this letter or the subject site.

Sincerely,



Susan L. Hugo  
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health  
Gordon Coleman, Acting Chief, Environmental Protection Division  
Sum Arigala, San Francisco Bay RWQCB  
Norman Ozaki, Soma Corporation, 1260 B 45th Street, Emeryville, CA 94608  
ML / SH/ files



STID 588



September 9, 1996

SOMA 96-2088

Ms. Susan Hugo  
Senior Hazardous Materials Specialist  
Alameda County, Department of Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Regarding: Soil and Groundwater Sampling Activities for the Vacant Property at 1258 64th Street, Emeryville, California

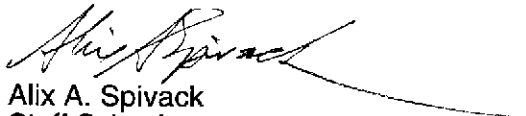
Dear Ms. Hugo,

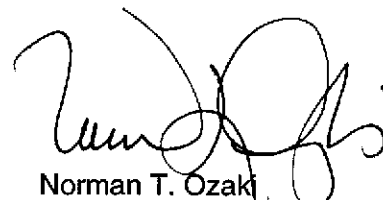
SOMA Corporation (SOMA) would like to notify you and Alameda County Department of Environmental Health (ACDEH) that soil and groundwater sampling activities will be conducted at the subject site on Thursday, September 12, 1996. Activities associated with the sampling will begin at 7:30 am and are anticipated to end by 5:00 pm the same day. SOMA has contacted Underground Services Alert (USA) and obtained a Drilling Permit from the Zone 7 Water Agency. Greg Murray of SOMA will be the lead field person for the sampling activities.

Sampling activities are being performed in accordance with the scope of work delineated in the Phase II Site Characterization Work Plan (dated August 20, 1996), which was slightly expanded to include an evaluation of the potential solubility of lead at the subject site using the California Waste Extraction Test. The modified scope of work was verbally agreed to by ACDEH during a meeting with SOMA and the City of Emeryville Redevelopment Agency on August 28, 1996. SOMA has not received a formal written acceptance of the Work Plan from ACDEH.

If you have any questions or comments please do not hesitate to contact either of the undersigned at (510) 654-1960.

Sincerely,

  
Alix A. Spivack  
Staff Scientist

  
Norman T. Ozaki  
President and Principal Toxicologist

cc: Ms. Maria Bigornia Poncel, Projects Coordinator  
City of Emeryville, Redevelopment Agency

Stid #5818



**CITY OF EMERYVILLE  
REDEVELOPMENT AGENCY**

2200 POWELL STREET, SUITE 1200

EMERYVILLE, CALIFORNIA 94608

(510) 596-4350

June 24, 1996

Susan Hugo  
ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES AGENCY  
1131 Harbor Bay Parkway #250  
Alameda, CA 94502-6577

**RE: 1258 - 64th Street, Emeryville, California 94608**

Dear Ms. Hugo:

Per your request, we are submitting a check in the amount of \$ 540.00 to cover your oversight expenses of the above referenced property's environmental investigation plan. In addition, we are proceeding with the direction you have provided us, and we will do our best to address all of your concerns. Once the Phase 2 investigation is completed, we will submit it to you for your review.

If you have any further questions regarding the above project, please call me at (510) 596-4354.

Sincerely,

A handwritten signature in cursive script, appearing to read "M. Poncel".

Maria Bigornia Poncel  
Projects Coordinator

Enclosure: Check - \$540.00

ENVIRONMENTAL  
PROTECTION

96 JUN 25 PM 2:33

CITY OF EMERYVILLE					
ORGANIZATION	ACCOUNT	PURCHASE ORDER	INVOICE NUMBER	AMOUNT	DESCRIPTION
299	9010		DEPOSIT	540.00	VAC125864TH-ENVIR OVRSGHT

ENVIRON ALAMEDA CO DEPT ENVIRONMENTAL HLTH

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

Alameda County CC4580  
Environmental Health Services  
1131 Harbor Bay Pkwy., #250  
Alameda CA 94502-6577  
(510)567-6700 FAX(510)337-9335

May 21, 1996

Ms. Maria Bigornia Poncel  
City of Emeryville, Redevelopment Agency  
2200 Powell Street, Suite 1200  
Emeryville, California 94608

RE: 1258 - 64th Street, Emeryville, California 94608

Dear Ms. Poncel:

I have reviewed the Phase I Report (Environmental Site Assessment) dated March 26, 1996 prepared by A R.E.A. Environmental Services for the above referenced site. A deteriorated house and garage were at the site at the time the Redevelopment Agency acquired the property.

Eight soil samples were collected at the site prior to demolition activities and found elevated levels of lead ranging from 211 ppm to 2634 ppm. Six additional soil samples were collected after the demolition of the structure and lead (144 ppm to 452 ppm) was detected in the samples.

It is my understanding that the Redevelopment Agency plans to develop three housing units at the site. The following issues must be addressed concerning the elevated lead found at the site:

- 1) Identify the source of contamination.
- 2) Determine the vertical and lateral extent of the lead contamination in soil.
- 3) Determine the threat/or impact to groundwater.
- 4) Submit a corrective action plan which should include target cleanup levels, an evaluation of alternative treatment methods, and a cost effective plan which adequately protect human health, safety and the environment.

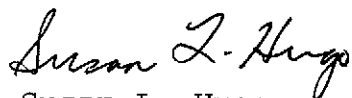
Additionally, you will need to submit a deposit of \$540.00 payable to Environmental Health Services. This deposit is authorized under Section 3-141.6 of the Ordinance Code of the County of Alameda and is used to cover the expenses incurred by the County personnel in the execution of their oversight responsibilities associated with the project. Records of the time

Ms. Maria Bigornia Poncel  
RE: 1258 64th Street, Emeryville, CA 94608  
May 21, 1996  
Page 2 of 2

County employees commit to the project are maintained and the deposit is charged an hourly rate of \$90.00. Upon completion of the project, the balance of the deposit will be refunded to the responsible party or their designee.

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

Sincerely,



Susan L. Hugo  
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health  
Gordon Coleman, Acting Chief, Environmental Protection ~~File~~  
Sum Arigala, San Francisco Bay RWQCB



**CITY OF EMERYVILLE  
REDEVELOPMENT AGENCY**

2200 POWELL STREET, SUITE 1200

EMERYVILLE, CALIFORNIA 94608

(510) 596-4350

March 28, 1996

Susan Hugo  
ALAMEDA COUNTY HEALTH AGENCY  
Division of Environmental Protection / Dept. of Environmental Health  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, CA 94502

**RE: 1258 - 64th Street, Emeryville, California  
(Approximately 5,350 sq. ft. vacant lot)**

Dear Ms. Hugo:

The Emeryville Redevelopment Agency currently owns the above referenced property and has plans to develop three (3) ownership housing units affordable to low to moderate income households. In addition, the Alameda County Waste Management Authority and Recycling Board will also be contributing funds to the project to make it a resourceful and energy efficient project.

At the time the Agency acquired this property, there was a very deteriorated house and garage on the site. Due to the structures' dilapidated condition and poor layout on the lot, the Agency decided to demolish the house and garage in order to better utilize the entire parcel. As part of the demolition work, asbestos and lead surveys were prepared, and abatement was done subsequently to comply with regulations. Post demolition soil analysis for lead was also completed, and more recently, the Agency engaged A.R.E.A. Environmental Services to prepare a Phase 1 on the property. The Phase 1 report includes all of the pertinent environmental work already done on the subject property, as well as other environmental reports and findings from neighboring properties the Agency also owns/owned.

The most critical issue in the Phase 1 report is the presence of lead on the site as analyzed after demolition. The average level of lead in six uncomposited samples is 327ppm. Building structures and driveways will cover most of the site, however, there will be small backyards for each of the three units. Please review the enclosed report and advise us of your findings. If you need additional information, please do not hesitate to call me at (510) 596-4354.

Sincerely,

Maria Bigornia Poncel  
Project Coordinator

Attachment: Phase 1 Report

96 MAR 29 PM 1:27  
ENVIRONMENTAL  
PROTECTION

**FLAME ATOMIC ABSORPTION SPECTROSCOPY**  
**EPA Method 7420 for Soil Lead Analysis**

*PREDEMONSTRATION*

CLIENT: **CITY OF EMERYVILLE**  
**2200 POWELL STREET**  
**12TH FLOOR SUITE 1200**  
**EMERYVILLE, CA 94608-1806**

KELCO File #: 950802D

Date Collected: 8/2/95  
 Date Received: 8/2/95  
 Date Analyzed: 8/3/95  
 Date Reported: 8/4/95  
 Page #: 1 OF 2

KELCO Job #: 9507-10

Analyst: N. XU  
 Job Site: 1258 64TH STREET  
 EMERYVILLE, CA

Q.C. DATA	Measured Values	Percent Recovery
QC 200.0 µg Spike:	206µg	103%
QC 5.0 ppm Std.:	4.92 ppm	98.4%
QC 10.0 ppm Std.:	9.90 ppm	99.0%
QC NIST 2710 SRM (5532ppm):	5240 ppm	94.7%

24 HOUR RUSH

KELCO ID#	CLIENT SAMPLE IDENTIFICATION & DESCRIPTION	SAMPLE WEIGHT (milligrams)	DILUTION FACTOR	TOTAL LEAD (micrograms)	LEAD (µg/g, ppm)
950802D-1	#01 West side of house (3 spot mixture)	1116.0	10	2940.00	2634.000
950802D-2	#02 North side of house (4 spot mixture)	1081.0	1	513.00	474.600
950802D-3	#03 South side of house (3 spot mixture)	1086.0	1	1543.00	1421.000
950802D-4	#04 East side of yard (6 spot mixture)	1195.0	1	408.00	341.400
950802D-5	#05 Far east side of yard (4 spot mixture)	1098.0	1	327.00	297.800

Standard, NIST 2710 Standard Reference Material and Spike values are reported for quality control purposes.  
 HUD action level is 0.5% lead by weight. Minimum reporting limit is 50.0 µg total lead.

Samples analyzed in accordance with EPA SW 846-3050 and EPA method 7420 for lead analysis by AA.  
 NIOSH method 7082 for quantitation of lead is also referenced.  
 This is an elemental analysis, not compound specific.

This report must not be reproduced except in full with the approval of KELLCO Services, Inc. The test report relates only to the item(s) tested.

*Robert Kunkel for*  
 XIAOMIN (SIMON) WANG, Ph. D.  
 LABORATORY DIRECTOR

**FLAME ATOMIC ABSORPTION SPECTROSCOPY**  
**EPA Method 7420 for Soil Lead Analysis**

CLIENT: **CITY OF EMERYVILLE**  
**2200 POWELL STREET**  
**12TH FLOOR SUITE 1200**  
**EMERYVILLE, CA 94608-1806**

KELLCO File #: 950802D2

Date Collected: 8/2/95

Date Received: 8/2/95

Date Analyzed: 8/3/95

Date Reported: 8/4/95

Page #: 2 OF 2

KELLCO Job #: 9507-10

Analyst: N. XU

Job Site: 1258 64TH STREET  
 EMERYVILLE, CA

Q.C. DATA	Measured Values	Percent Recovery
QC 200.0 µg Spike:	206µg	103%
QC 5.0 ppm Std.:	4.92 ppm	98.4%
QC 10.0 ppm Std.:	9.90 ppm	99.0%
QC NIST 2710 SRM (5532ppm):	5240 ppm	94.7%

24 HOUR RUSH

KELLCO ID#	CLIENT SAMPLE IDENTIFICATION & DESCRIPTION	SAMPLE WEIGHT (milligrams)	DILUTION FACTOR	TOTAL LEAD (micrograms)	LEAD (µg/g, ppm)
950802D-6	#06 North side of yard (4 spot mixture)	1020.0	1	399.00	391.200
950802D-7	#07 Far north side of yard (4 spot mixture)	1045.0	1	464.00	444.000
950802D-8	#08 South side of yard (4 spot mixture)	1066.0	1	225.00	211.100

Standard, NIST 2710 Standard Reference Material and Spike values are reported for quality control purposes.

HUD action level is 0.5% lead by weight. Minimum reporting limit is 50.0 µg total lead.

Samples analyzed in accordance with EPA SW 846-3050 and EPA method 7420 for lead analysis by AA.

NIOSH method 7082 for quantitation of lead is also referenced.

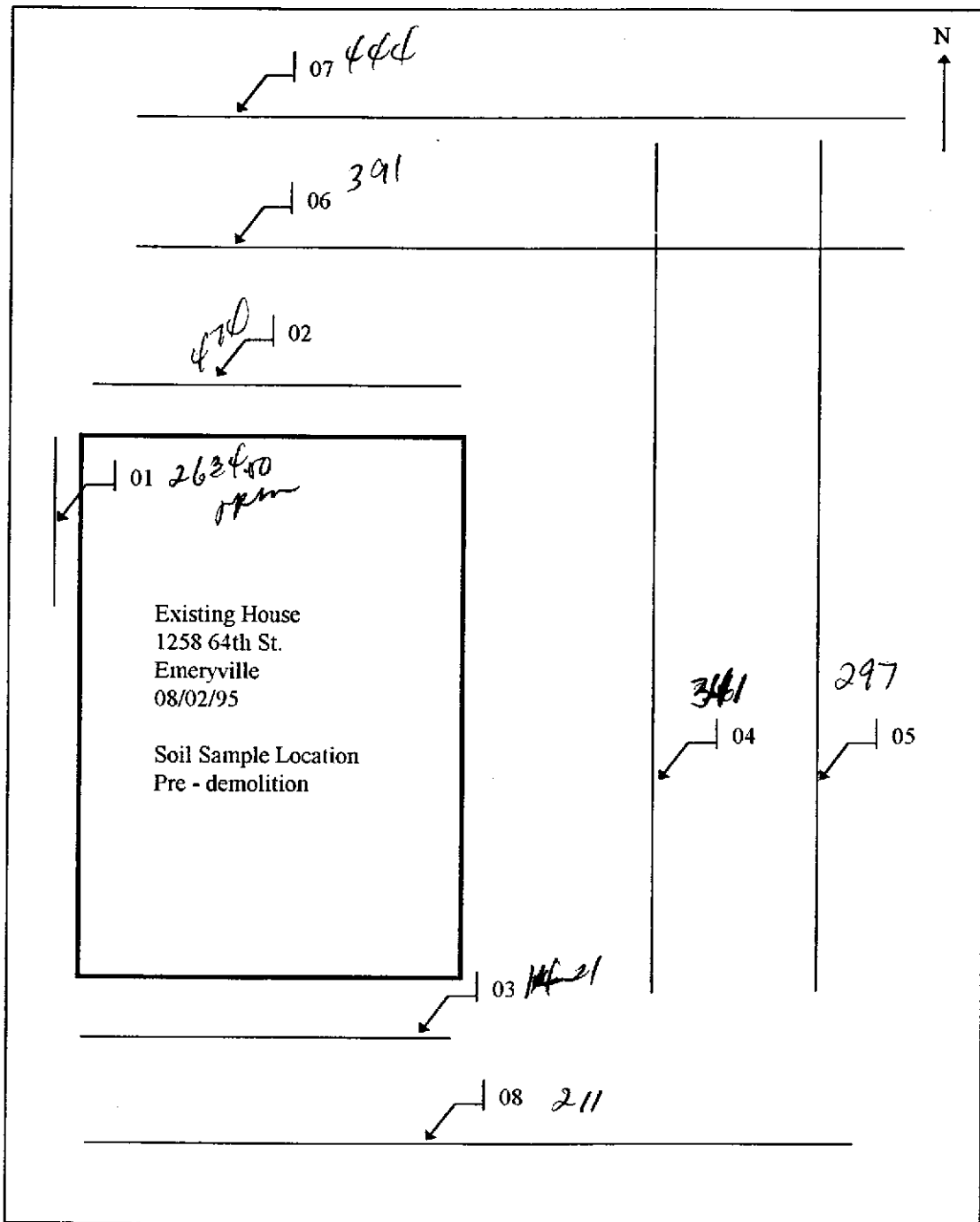
This is an elemental analysis, not compound specific.

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*Simon Wang*

XIAOMIN (SIMON) WANG, Ph. D.  
 LABORATORY DIRECTOR





64th Street

**FLAME ATOMIC ABSORPTION SPECTROSCOPY**  
**EPA Method 7420 for Soil Lead Analysis**

CLIENT: **EMERYVILLE REDEVELOPMENT AGENCY**  
**2200 POWELL STREET, 12TH FLOOR**  
**EMERYVILLE, CA 94608-1806**

*POST DEMOLITION*

KELCO File #: 951009K

Date Collected: 10/09/95

Date Received: 10/10/95

Date Analyzed: 10/10/95

Date Reported: 10/13/95

Page #: 1 OF 2

KELCO Job #: 9507-10

Analyst: NIGN XU

24HR RUSH

Job Site: 1258 64TH ST

EMERYVILLE, CA

Q.C. DATA	Measured Values	Percent Recovery
QC 200.0 µg Spike:	182	91.0%
QC 5.0 ppm Std.:		
QC 10.0 ppm Std.:		
QC NIST 2710 SRM (5532ppm):	11.12%	92.7%

KELCO ID#	CLIENT SAMPLE IDENTIFICATION & DESCRIPTION	SAMPLE WEIGHT (milligrams)	DILUTION FACTOR	TOTAL LEAD (micrograms)	LEAD (µg/g, ppm)
951009K-1	# 01 Soil sample	1536	1	222	144.5
951009K-2	# 02 Soil sample	1610	1	527	327.3
951009K-3	# 03 Soil sample	1667	1	278	166.8
951009K-4	# 04 Soil sample	1510	1	446	295.4
951009K-5	# 05 Soil sample	1525	1	690	452.5

Standard, NIST 2710 Standard Reference Material and Spike values are reported for quality control purposes.

HUD action level is 0.5% lead by weight. Minimum reporting limit is 50.0 ug total lead.

Samples analyzed in accordance with EPA SW 846-3050 and method 7420 for lead analysis by AA.

NIOSH method 7082 for quantitation of lead is also referenced.

This is an elemental analysis, not compound specific.

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*S. Brochak for*  
 XIAOMIN (SIMON) WANG, Ph. D.  
 LABORATORY DIRECTOR

**FLAME ATOMIC ABSORPTION SPECTROSCOPY**  
**EPA Method 7420 for Soil Lead Analysis**

CLIENT: **EMERYVILLE REDEVELOPMENT AGENCY**  
**2200 POWELL STREET, 12TH FLOOR**  
**EMERYVILLE, CA 94608-1806**

KELCO File #: 951009K2

Date Collected: 10/09/95

Date Received: 10/10/95

Date Analyzed: 10/10/95

Date Reported: 10/13/95

Page #: 2 OF 2

KELCO Job #: 9507-10

Analyst: NIGN XU

24HR RUSH

Job Site: 1258 64TH ST

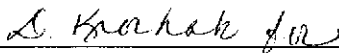
EMERYVILLE, CA

Q.C. DATA	Measured Values	Percent Recovery
QC 200.0 µg Spike:	182	91.0%
QC 5.0 ppm Std.:		
QC 10.0 ppm Std.:		
QC NIST 2710 SRM (5532ppm):	11.12%	92.7%

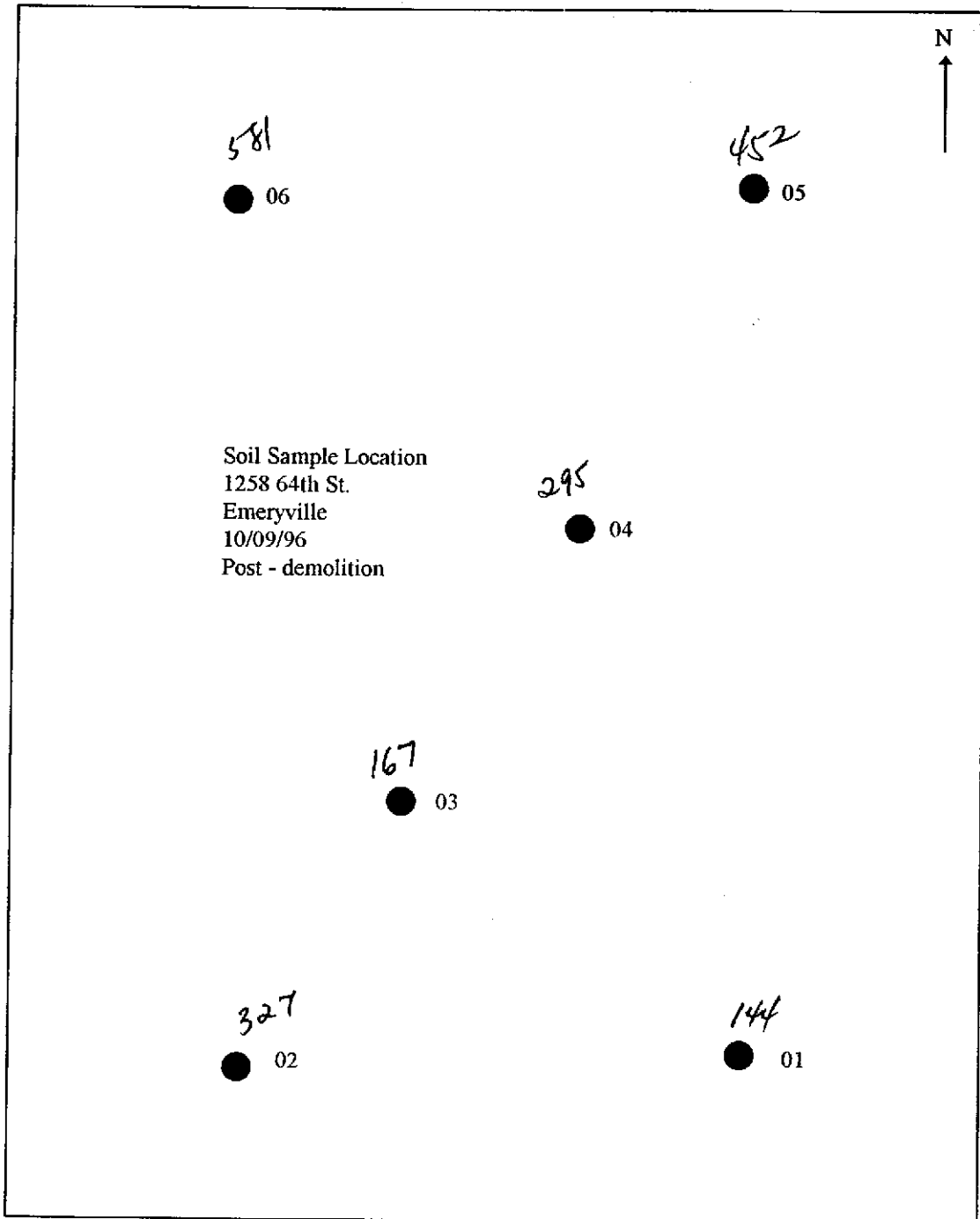
KELCO ID#	CLIENT SAMPLE IDENTIFICATION & DESCRIPTION	SAMPLE WEIGHT (milligrams)	DILUTION FACTOR	TOTAL LEAD (micrograms)	LEAD (µg/g, ppm)
951009K-6	# 06 Soil sample	1524	1	885	580.7

Standard, NIST 2710 Standard Reference Material and Spike values are reported for quality control purposes.  
 HUD action level is 0.5% lead by weight. Minimum reporting limit is 50.0 ug total lead.

Samples analyzed in accordance with EPA SW 846-3050 and method 7420 for lead analysis by AA.  
 NIOSH method 7082 for quantitation of lead is also referenced.  
 This is an elemental analysis, not compound specific.

  
 XIAOMIN (SIMON) WANG, Ph. D.  
 LABORATORY DIRECTOR

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64th Street

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