



Daniel, Mann, Johnson, & Mendenhall  
222 Kearny Street, Suite 500  
San Francisco, CA 94108-4510  
Telephone: (415) 986-1373  
FAX: (415) 394-7242

Planning  
Architecture  
Engineering  
Systems  
Economics

## FAX TRANSMITTAL

To: Mr. Brian P. Oliva, REHS, REA  
Alameda County Health Care Services  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, California 94621

Date: July 13, 1993  
Project: Emeryville Branch  
United States Postal Service (USPS)  
Regarding: Response to June 3, 1993  
Letter from Alameda County  
Job Number: 8421.39

Number of pages including this cover sheet: 14

Remarks: Attached is a copy of the May 7, 1993 "Work Plan for Environmental Services  
at the Emeryville Postal Facility" by Lowney Associates, the environmental  
consultant for the USPS. Also attached is a copy of the Contamination Site Report  
and a handwritten copy of the 1930 Sanborn map depicting 14 aboveground tanks.  
The soil and groundwater sampling results from this work plan are now  
available. A letter presenting these results will be forwarded shortly.  
The final report is due July 26, 1993.

Please call Charles Wren @ 415-986-1373 if there are any concerns or questions.

DANIEL, MANN, JOHNSON, & MENDENHALL

FAX NUMBER: (415) 394-7242

TELEPHONE NUMBER: (415) 986-1373

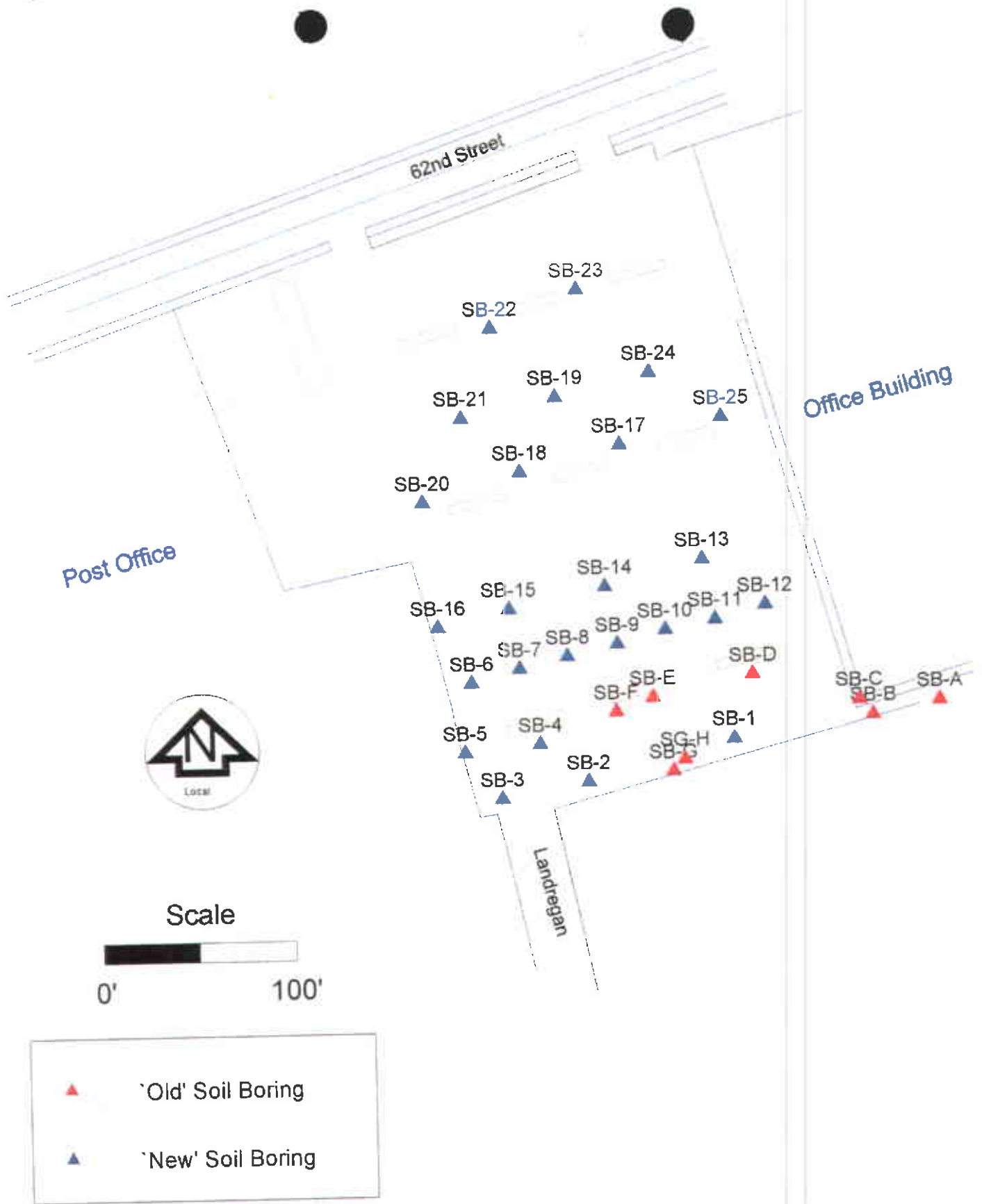


Figure 2: Soil Boring Locations

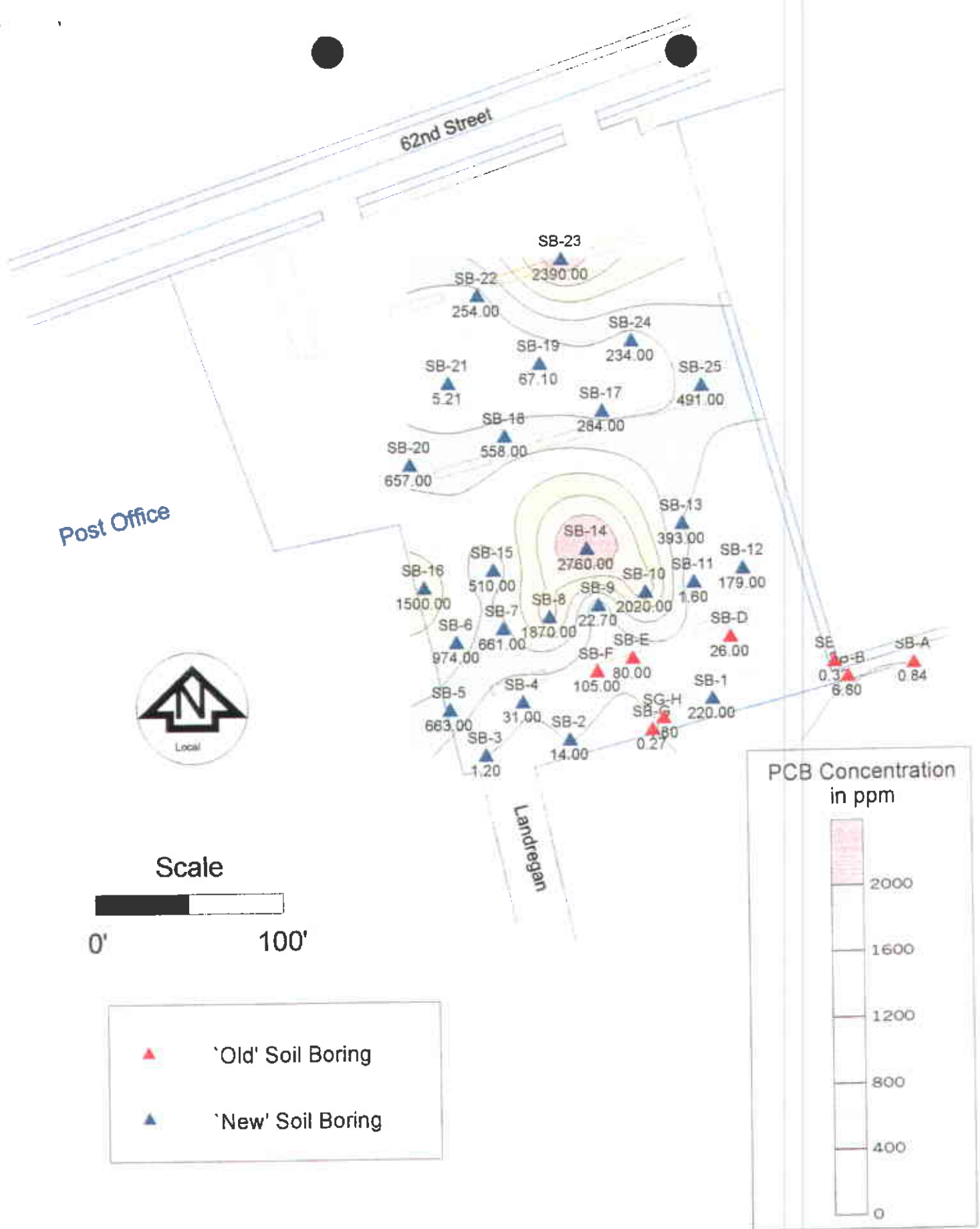


Figure 3: Contour Map of PCB Concentration at 0.5' Depth

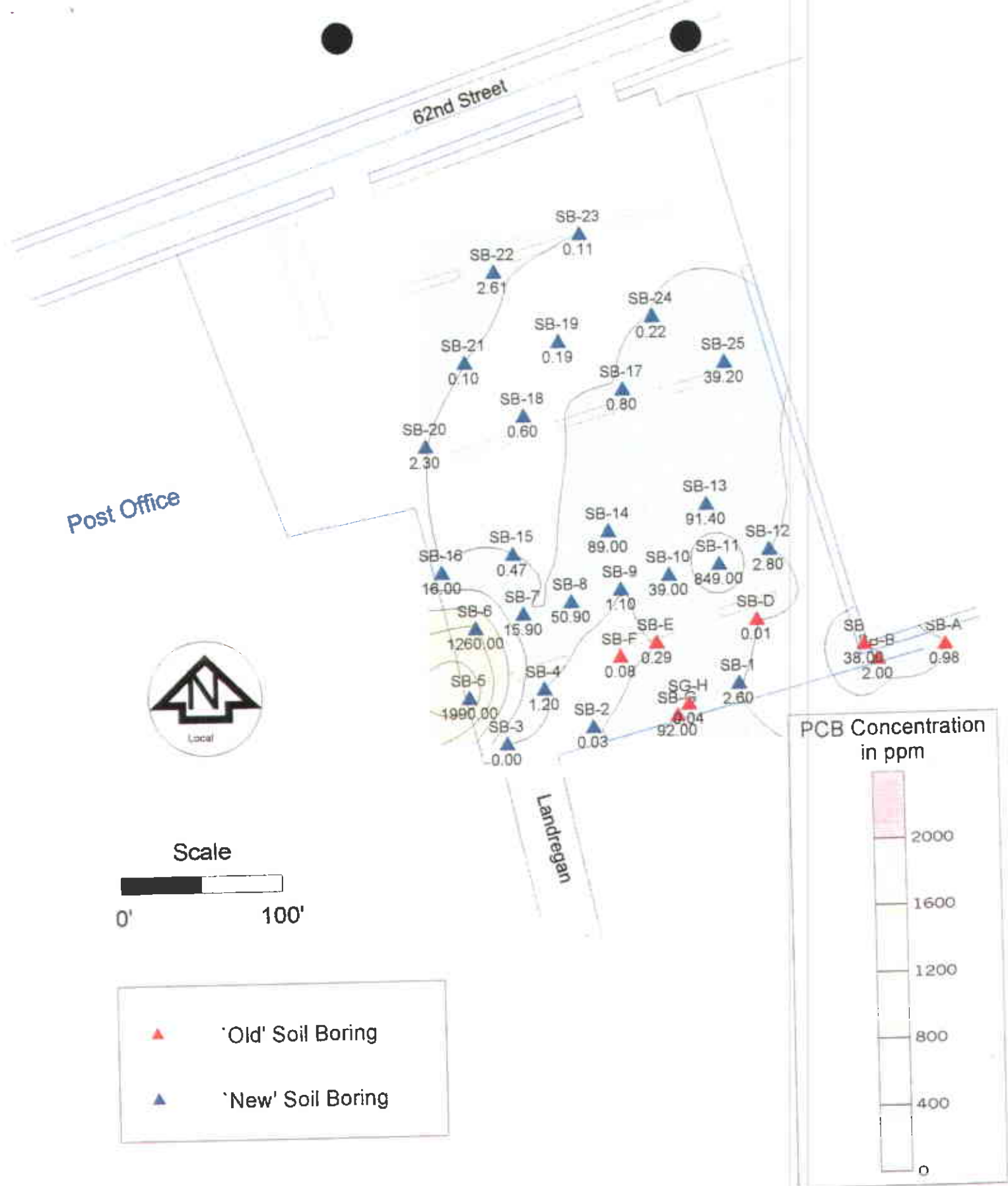
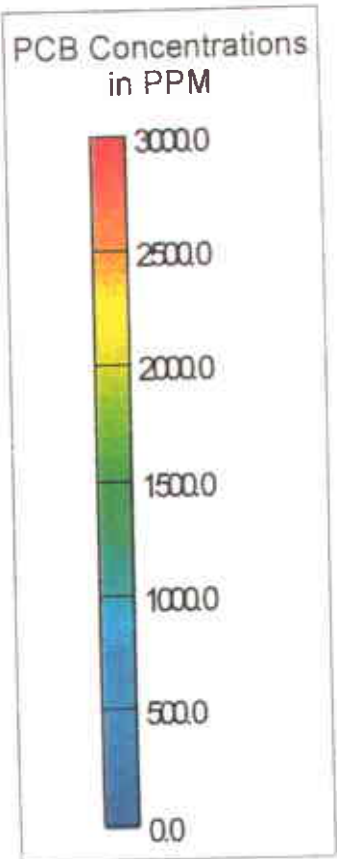


Figure 4: Contour Map of PCB Concentration in Soil at 4' Depth





Depth

0'

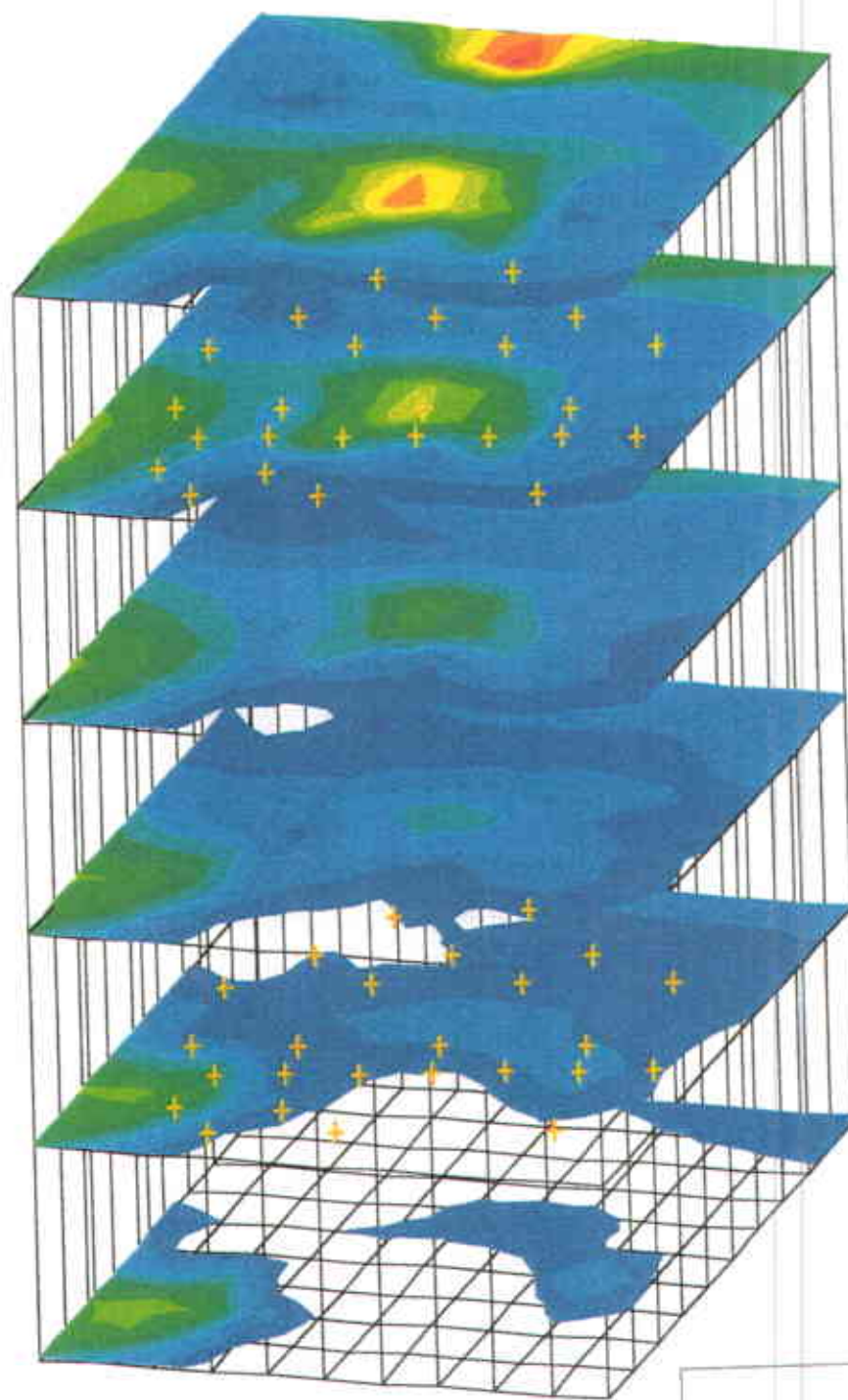
1'

2'

3'

4'

5'



Soil Sample Location



Scale



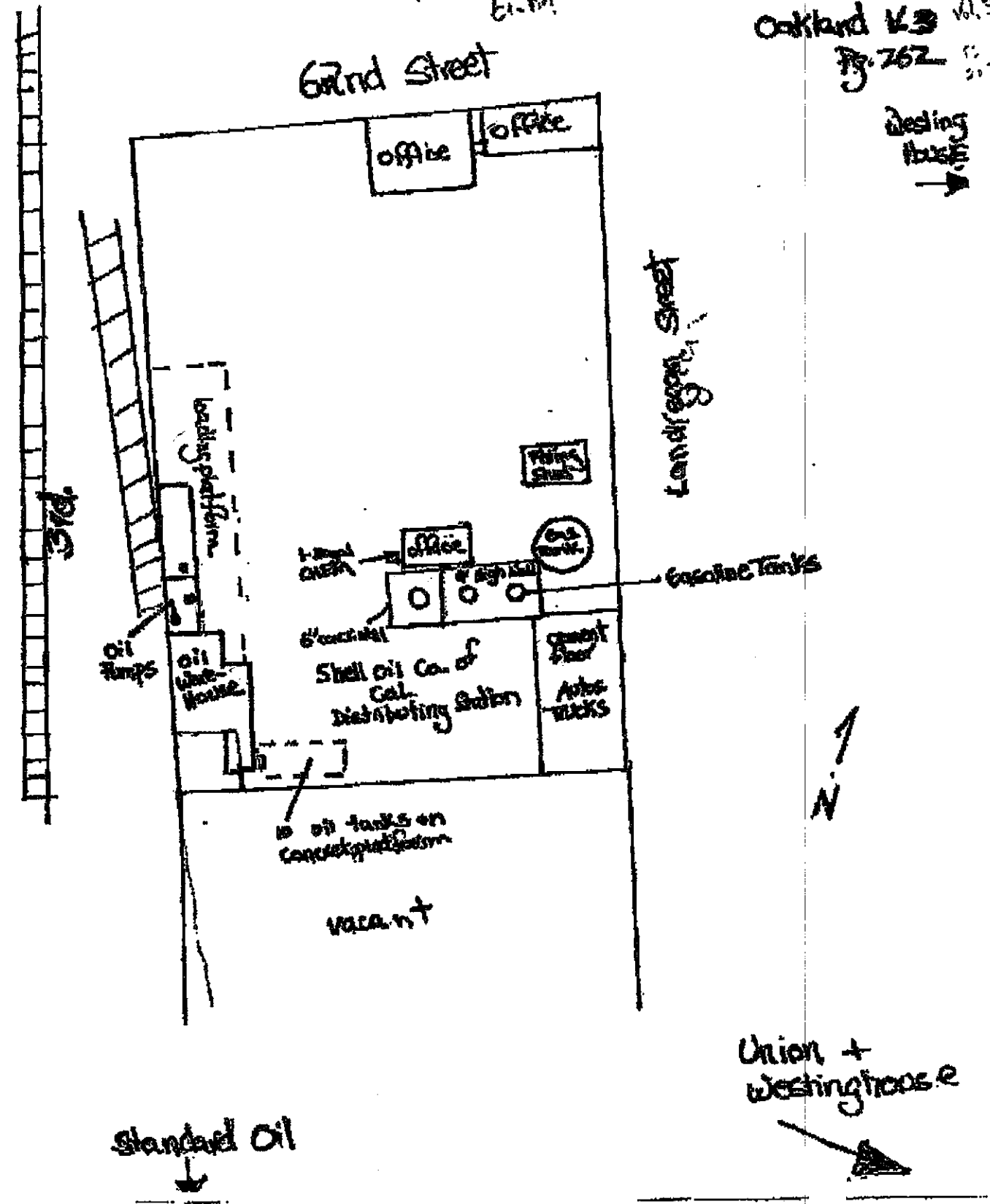
Figure 5: 3 Dimensional Model Showing PCB Concentrations



- ◊ Proposed Soil Boring Location
- ▲ Previous Soil Boring Location

Figure 6: Locations of Proposed Soil Borings

Vacant  
Standard Underground Electric Factory  
1000 Southern  
Map  
Oakland CA Vol. 3  
Pg. 262



Standard Oil  
↓

Union + Westinghouse  
↓

| UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT   |  |  |  |
|--|--|--|--|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |  | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |  |
| REPORT DATE<br>01 7 1 01 7 1 9 1 3   |  | CASE #   |  |
| FOR LOCAL AGENCY USE ONLY<br>I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. |  |  |  |
| REPORTED BY  | NAME OF INDIVIDUAL FILING REPORT<br>Charles W. Wren  |  | PHONE<br>(415) 986-1373  |
|  | SIGNATURE<br><i>Charles W. Wren</i>  |  | DATE   |
|  | REPRESENTING<br><input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br><input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER   |  | COMPANY OR AGENCY NAME<br>Daniel, Mann, Johnson & Mendenhall   |
| RESPONSIBLE PARTY  | ADDRESS<br>222 Kearny Street San Francisco, CA 94108-4510  |  |  |
|  | NAME   |  | CONTACT PERSON   |
|  | ADDRESS  |  | PHONE  |
| SITE LOCATION  | FACILITY NAME (IF APPLICABLE)<br>Oakland, CA - Emeryville Branch   |  | OPERATOR<br>United States Postal Service   |
|  | ADDRESS<br>1505 62nd Avenue Emeryville Alameda   |  | PHONE  |
|  | CROSS STREET<br>Hollis   |  |  |
| PLUMBERING AGENCIES  | LOCAL AGENCY AGENCY NAME<br>Alameda County Health Care Services  |  | CONTACT PERSON<br>Brian P. Oliva   |
|  | REGIONAL BOARD<br>SFBRWQCB   |  | PHONE<br>(510) 271-4322  |
| SUBSTANCES INVOLVED  | NAME   |  | QUANTITY LOST (GALLONS)  |
|  | Gasoline   |  | <input checked="" type="checkbox"/> UNKNOWN  |
| DISCOVERY/ABATEMENT  | DATE DISCOVERED<br>01 1 1 01 9 1 3   |  | HOW DISCOVERED<br><input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS<br><input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Construction Site Work  |
|  | DATE DISCHARGE BEGAN<br><input checked="" type="checkbox"/> UNKNOWN  |  | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE<br><input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER |
|  | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE  |  |  |
| SOURCE OF DISCHARGE  | SOURCE OF DISCHARGE<br><input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL<br><input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER   |  | CAUSE(S)   |
|  | CHECK ONE ONLY<br><input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED   |  |  |
| CURRENT STATUS   | CHECK ONE ONLY<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION<br><input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS<br><input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY   |  |  |
|  | CHECK APPROPRIATE ACTION(S)<br><input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO-DEGRADATION (BT)<br><input type="checkbox"/> CAP SITE (CS) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (PT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOODLIP (HL) <input type="checkbox"/> VENT SOIL (VS)<br><input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER (OT) To be determined |  |  |
| COMMENTS   | Petroleum Oil Companies operated an Oil Transfer Facility on this site in the 1930s and 1940s. The site history report does not indicate another source of contamination.  |  |  |



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
ADDRESS



W. T. SHANK Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
570 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

June 3, 1993

Mr. Jerry A. Adkins  
United States Postal Service  
850 Cherry Avenue,  
San Bruno, CA 94099-0300

Subject: Emeryville Post Office site, 6121 Hollis St.,  
Emeryville, CA 94608

Dear Mr. Adkins:

This office has received and reviewed the "Preliminary Soil Quality Evaluation", dated April 16, 1993, submitted by Lowney Associates, Environmental/Geotechnical/Engineering Services(LA). Thank you for submitting the document in a timely fashion. Upon evaluation of the report/workplan, there are several points that need to be addressed prior to concurrence by this division:

- 1) Regarding any "Potentially Responsible Parties" (PRPs), this office will not comment as to the possibility of obtaining financial assistance.
- 2) This office concurs with the recommendation by your consultants(LA) to remove the underground storage tanks(USTs). Under Title 23 of the California Code of Regulations, you must perform one of the following actions:
  - A) Submit a tank closure plan to this office for removal of the USTs (under Article 7, Sec 2670.
  - B) Apply for a permit to operate the USTs, as required by Article 10, Sec 2710.
- 3) Please be advised that this office follows the "Tri-Regional Board Staff Recommendations..." for the investigation of UST sites. Any plan for monitoring wells should include the sighting of two of the five proposed wells in the known downgradient within ten (10) feet of the removed UST.
- 4) Any work at the site should proceed with caution due to the potential for risk to human health from the chemical agents already known to be present in the soil. Any remediation or workplan for the removal of the tanks should contain a "Site Safety Plan" adequate to meet the needs for human health concerns.

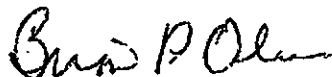
- 5) This office concurs with manifesting of the soil spoils to an approved facility, following the characterization of the soil as to its chemical constituents./
- 6) Regarding the recommendation for the use of a "Steam Injection System" for removal of the chemical constituents, this office will not comment other than concurring with any remediation technology that will benefit the water quality.
- 7) This office recognizes that the soil matrix may tend to inhibit the action of the proposed vapor extraction system.
- 8) Please submit the original results of the "Soil Sampling and Test Results", data collection by Dames and Moore in March of 1993. This office had previously requested that this data be sent to this office, however, the analytical results have yet to be received by this office.
- 9) It will be necessary for the USPS to submit an "Unauthorized Release Form" (URF), to this office. This form should be completed immediately (enclosed).
- 10) A workplan for the soil/groundwater remediation must be submitted to this office within thirty (30) days.
- 11) Please be advised that this oversight of the site remediation is being transferred to the local oversight program. In the future you will receive official notification by registered mail of such transfer.
- 12) Enclosed is a copy of criteria utilized by the State Water Quality Control Board (SWQCB), to indicate the potential responsible parties (PRPs) for the cleanup of contaminated sites.

page 3 of 3

Please respond to this letter within thirty (30) days. Efforts should be made to submit a closure plan for the USTs to this office within the thirty day time frame.

If you have any questions, please call this office. The telephone number is 271-4322.

Sincerely,



Brian P. Oliva, REHS, REA  
Hazardous Materials Specialist

cc: Ron Helm, Lowney Associates  
Rich Hiett, SFBRWQCB  
Clair Kenaston, USPS, San Bruno, CA

enclosures: URF form  
SWQCB "PRP" criteria

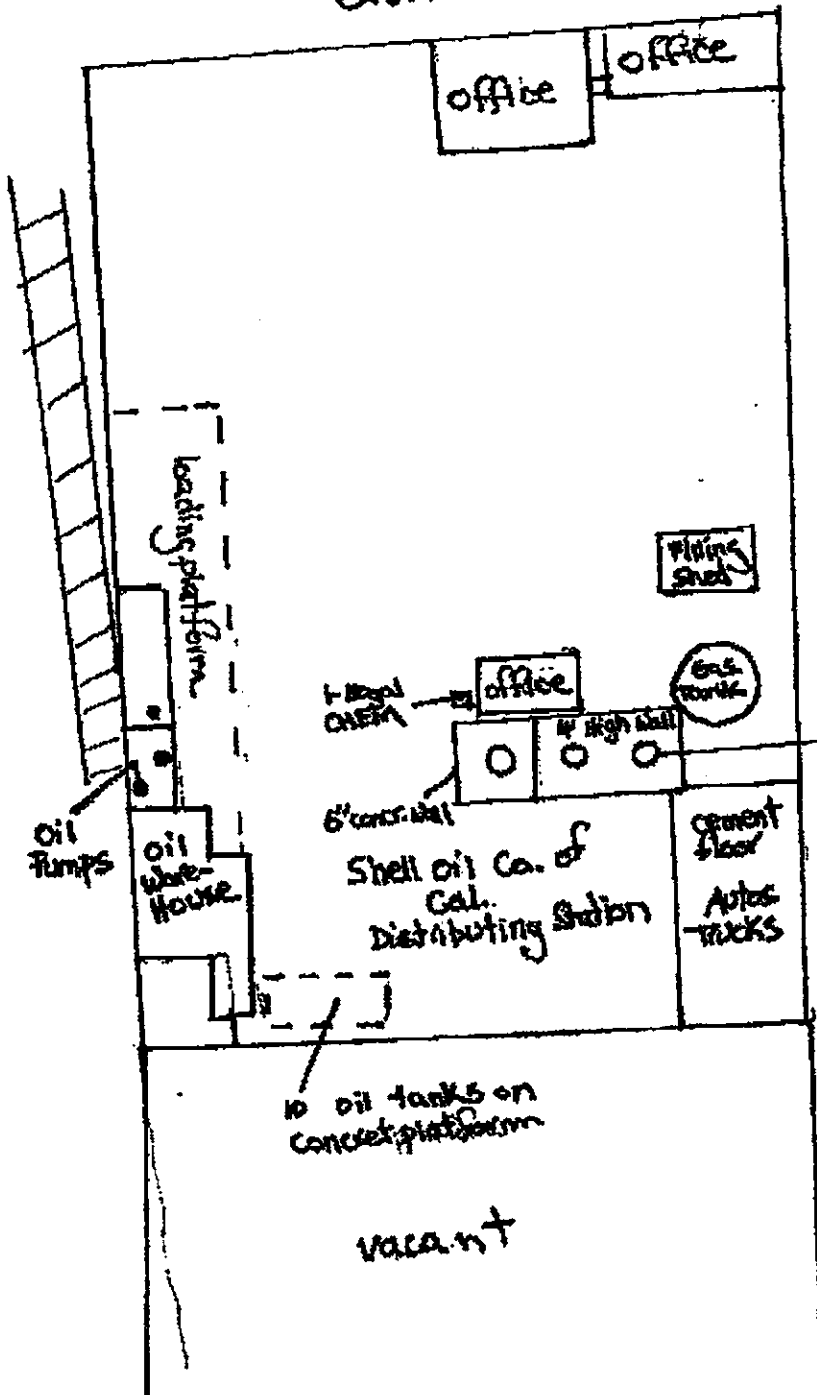
Vacant Standard Undergr... Factory 1930 Sanborn MAP

Oakland CA Vol. 3 Pg. 262 P. 202

6th Street

Longfellow Street

Westinghouse  
→



Standard Oil  
↓

Union + Westinghouse  
↘

vacant

10 oil tanks on concrete platform

Cement floor  
Auto trucks

Shell Oil Co. of Cal. Distributing Station

office

office

office

Filing Shed

Gas Tank

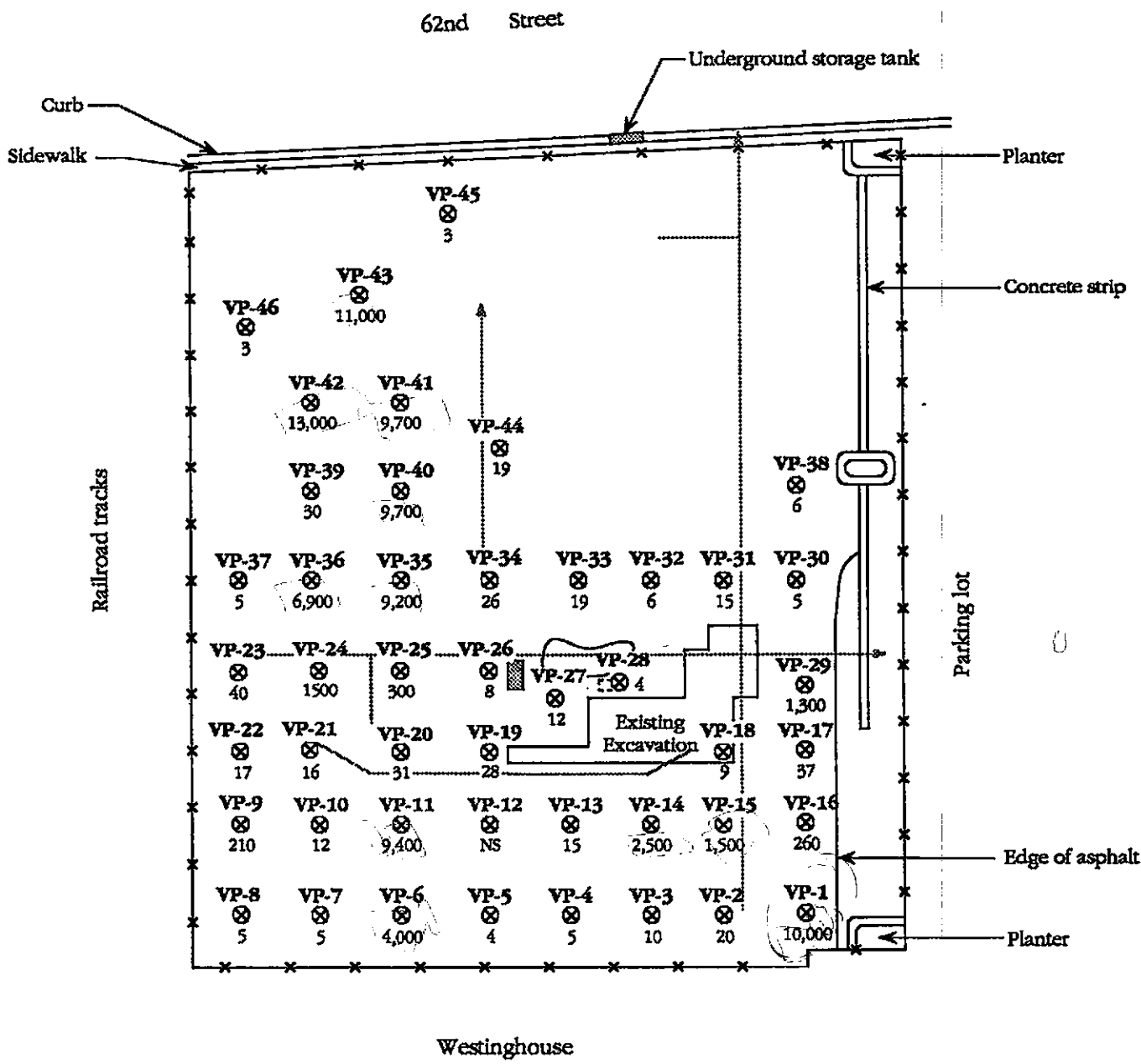
Gasoline Tanks

High Wall

6\"/>

loading platform

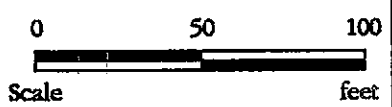
Oil Pumps  
Oil Warehouse



**LEGEND**

- ⊗ - Approximate location of soil vapor probe
- 5 - Total hydrocarbons (concentrations in ppm)
- NS - Not sampled

Base by Norcal, dated 2/93.



864-17A, 8/30 SF'EB

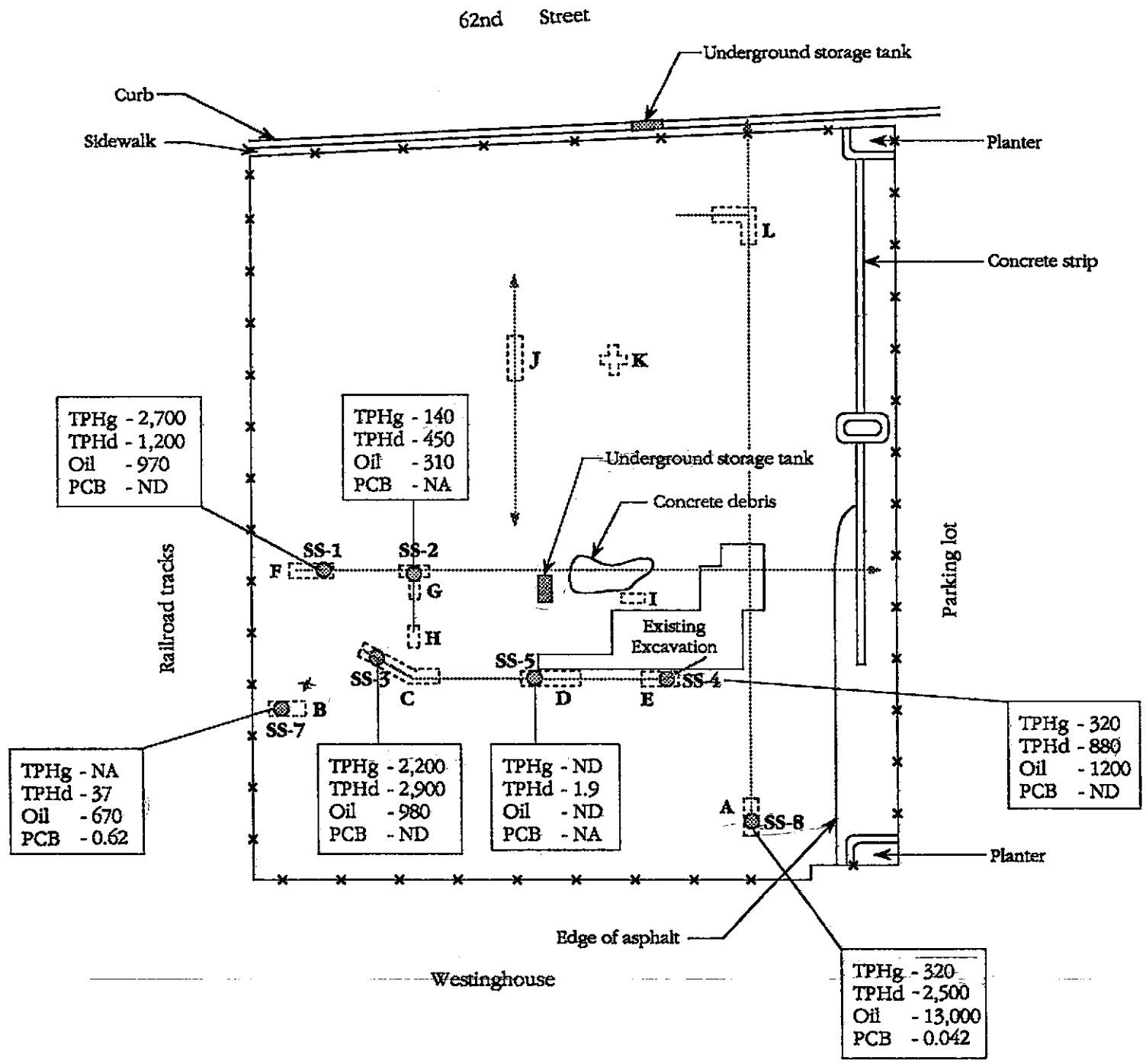
**SOIL VAPOR SURVEY RESULTS**  
**EMERYVILLE POSTAL FACILITY**  
 Emeryville, California







Approximate Direction of Regional Ground Water Flow

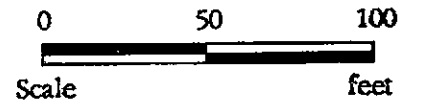


**LEGEND**

- TPHg - Total petroleum hydrocarbons as gasoline
- TPHd - Total petroleum hydrocarbons as diesel
- Oil - Total petroleum oil
- PCBs - Polychlorinated byphenols
- ND - Not detected
- NA - Not analyzed

Note: Petroleum hydrocarbon levels shown represent the highest concentrations detected at each sample location

Base by Norcal, dated 2/93.



**PETROLEUM HYDROCARBON AND PCB CONCENTRATIONS (ppm)**

EMERYVILLE POSTAL FACILITY  
Emeryville, California

**LOWNEY ASSOCIATES**  
Environmental/Geotechnical/Engineering Services