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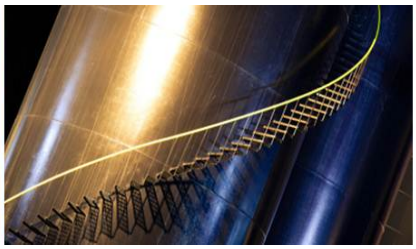


Phase I Environmental Site Assessment

Nady Systems
6701-6707 Bay Street
Emeryville, California

Prepared for:
AvalonBay Communities, Inc.
Arlington, Virginia

Prepared by:
ENVIRON International Corporation
Emeryville, California

Date:
July 3, 2013

Project Number:
03-32356A

ENVIRON

Signature and Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

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Anne W. Gates, P.E.

Senior Manager

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1 Summary of Conclusions

ENVIRON International Corporation (ENVIRON) was retained by [Client counsel name] on behalf of [Client name] to perform a Phase I Environmental Site Assessment (ESA) of the Nady Systems (the "Company") property located at 6701-6707 Bay Street in Emeryville, California (herein referred to as the "facility," "property," or the "site"). ENVIRON's assessment was conducted in connection with a potential purchase of the property. The objective of the Phase I ESA, which was conducted in conformance with the scope and limitations of ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-05 (the "ASTM Standard"), was to identify Recognized Environmental Conditions (RECs), as defined in the ASTM Standard (see Section 2.1).

1.1 Recognized Environmental Conditions

ENVIRON identified the following "recognized environmental conditions" (RECs) in connection with the property.

- **Soil, Soil Gas and Groundwater Contamination.** The site has been used for various industrial purposes since the late 1940s. Prior operations have included a solid waste landfill (approximately 1947 to 1950s), a label tape and label tape puncher manufacturer (1963-1979) and a lithography and off-set printing manufacturer (1979-1990). These former industrial operations may have included the use and/or disposal of petroleum products, solvents, metals, and other chemicals. The historical handling, disposal, and use of these chemicals were not strictly regulated, controlled, or monitored during the site's early operational history (starting in approximately 1947). Previous environmental investigations at the site, including ENVIRON's investigation in 2013, indicate that elevated concentrations of metals, volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) are present in soil and groundwater at the site. PCBs are also present in soil. During ENVIRON's investigation in 2013, benzene, a VOC, was identified at elevated concentrations in soil gas and groundwater at the site. In addition, lead was also identified in soil and groundwater samples at concentrations above environmental regulatory agency health-based thresholds as well as at concentrations potentially above State and Federal hazardous waste thresholds.

- **Residual Contamination from Prior Environmental Remediation Activities.** Site records indicate that VOCs were previously used and stored on the site in drums and underground storage tanks (USTs) by Mike Roberts Color Production and Dymo Industries. The drum storage area and USTs were removed in the early 1990s. Site documents also indicate that there is residual contamination in soil from fill materials present on the site. Some limited environmental remediation activities were performed at the site from 1990 to 1994 under the oversight of the Alameda County Environmental Health (ACEH) Services Agency. These remediation activities consisted of UST removal, soil excavation in a few "hot spot" locations, groundwater monitoring and soil vapor extraction. On October 20, 1994, a deed notice (included in Appendix D.2) was issued for the site and signed by John Nady. The deed notice stated that:

1. If soil is excavated, it may be considered hazardous waste under state and federal law;

2. Groundwater from the site is not usable for domestic, irrigation or industrial purposes;

3. If future construction includes structures extending below the ground level (that being approximately 7 to 10 feet), groundwater generated during dewatering operations will require treatment prior to discharge;

4. An approved Health and Safety Plan will be required by the Alameda County Health Care Services Agency (ACHCSA) prior to any work requiring significant subsurface excavations; and

5. An environmental risk assessment may be required by the ACHCSA if any significant change in land use is proposed.

Subsequently in December 1996, following the completion of groundwater monitoring activities at the site, the ACEH Services Agency issued a conditional site closure letter (included in Appendix D.3) stating that further remediation and/or monitoring related to the former USTs removed from the site is not required but the recorded deed notice must be modified to include the following measures:

1. The shallow groundwater beneath the site shall not be used;
2. Appropriate Health and Safety plans shall be prepared prior to and followed during any activities involving exposure to pollution in soil or groundwater;
3. A health risk assessment shall be required if a change in land use, structural configuration or site activities are proposed such that more conservative scenarios should be evaluated; and
4. Potential vertical conduits between the shallow and deep aquifers shall not be created.

No information was found indicating that the deed notice had been modified to be consistent with the December 1996 conditional closure letter.

- **Open Spills, Leaks Investigation and Cleanup (SLIC) Case.** The site is listed on the SLIC database as being the focus of an open remediation case at the Alameda County Local Oversight Program (LOP). The site status is listed as “Open - Remediation”, with groundwater having been impacted by “other solvent or non-petroleum hydrocarbon”. The listing summarizes the site history from 1963 to the 1990s and references the ACEH website for a more complete historic case file. Based on the closure letter (included in Appendix D.3), it appears that while the Leaking Underground Storage Tank (LUST) case has been closed with a deed restriction, the SLIC case at the site remains open. The most recent regulatory action for this case, as listed on the California Regional Water Quality Control Board (RWQCB) Geotracker website, was a file review conducted in 2012.

1.2 Other Findings

Although not considered RECs based on currently available information, ENVIRON identified the following other findings. The term "other finding" is not defined by ASTM; rather, ENVIRON uses the term to connote areas of contingent risk that do not clearly fall within the definition of a REC.

- **Potential Migration of Contamination from Off-site Properties.** The site is located in the presumed downgradient direction from, and/or is adjacent to, several off-site properties listed with open database listings related to potential soil and groundwater contamination. These off-site properties include Metalco (listed on ENVIROSTOR database as needing evaluation), McGrath Steel (listed on LUST database as Open – Assessment), and the Richardson/Sybase and Mussallem/Sybase site (listed on the LUST database as Open – Assessment). The Richardson/Sybase and Mussallem/Sybase property is adjacent to the south of the site, and the other off-site properties are located within approximately 300 to 1,000 feet from the subject site. There has been no apparent regulatory impetus to investigate whether contamination from these properties has migrated to the subject site. If contamination associated with these off-site properties is found to have migrated onto the subject site, it is expected that any remedial activities would be the responsibility of the entities named in the listings or other designated responsible party and not the owner of 6701-6707 Shellmound Street (site).

De minimis conditions, as defined in Chapter 2.0, along with other site conditions observed during the site visit, are discussed within relevant sections of this report and are summarized in Chapter 6.0.

2 Introduction

2.1 Purpose

ENVIRON was retained by [Client counsel name] on behalf of AvalonBay Communities, Inc. to conduct a Phase I ESA of the Nady Systems property located in Emeryville, California. ENVIRON's assessment was conducted in connection with a potential purchase of the property. The purpose of the assessment was to identify RECs, which are defined in the ASTM Standard as:

> "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions."

2.2 Scope of the Assessment

ENVIRON completed the following tasks, consistent with the ASTM Standard, during its Phase I ESA of the property:

- A visit to the site by Dan Clark of ENVIRON on April 9, 2013 to observe the exterior and interior features of the site and to identify the uses and conditions specified in the ASTM Standard. In addition, ENVIRON observed the adjoining properties from the site or adjacent public thoroughfares. Photographs taken during the site visit are presented in Appendix A.
- An interview during the site visit with the following individuals (year employee started working at the site indicated in parentheses): John Nady (1990) and Toby Nady (1990). The aforementioned individuals are referred to herein as "facility personnel". The facility personnel interviewed by ENVIRON were identified by the Company as having good knowledge of the uses and physical characteristics of the site.
- A review of information contained in federal and state environmental databases, as obtained from the sources noted below:
  - A radius report prepared by Environmental Data Resources, Inc. (EDR, see Appendix B), which presents the results of searches of federal and state databases for the subject site, as well as properties near the subject site. The radius searched for each database, as well as the databases themselves, was selected in accordance with the ASTM Standard.

  - The United States Environmental Protection Agency's (USEPA's) Envirofacts database, which provides site information contained in multiple USEPA regulatory databases.
  - The USEPA's Enforcement and Compliance History Online (ECHO) database, which provides information on sites' enforcement and compliance history.
  - A review of files available on the Alameda County Department of Environmental Health (ACDEH).
- A review of standard historical sources (included as Appendix C) and local agency inquiries, as defined in the ASTM Standard. The following resources were reviewed:
  - Readily available historical sources, including (where available) historical topographic maps and aerial photographs, city directories, and Sanborn Maps, to develop a history of the previous uses of the site and surrounding area.
  - Historical and site-specific information obtained from the following local agencies: the Emeryville Building Department (Building Department), the Alameda County Assessor's Office (Assessor), and the Alameda County Fire Department (Fire Department).
  - E-mail correspondence with Ms. Yolanda Cole, a representative of ACDEH regarding the presence or absence of contamination at the site. Ms. Cole referred ENVIRON to the ACDEH online mapping tool which provides PDFs of all reports pertaining to the site that are in ACDEH's possession.
- A review of physical setting sources, as defined in the ASTM Standard, including:
  - The current USGS 7.5-minute topographic map that shows the area on which the site is located.
  - Geologic, hydrogeologic, or hydrologic sources as provided in the EDR report and in the previous environmental reports for the site, as listed below.
- A review of documents provided to ENVIRON by facility personnel, including correspondence with regulatory agencies. In addition, ENVIRON was provided with the following previous environmental assessment reports:
  - *Final Report/Tank Removal, Mike Roberts Color Productions, 6707 Bay Street, Emeryville, California*, prepared by LW Environmental Services, Inc., dated November 3, 1989.
  - *Phase I Review of Documents and Verification of Groundwater Flow Direction*, prepared by McLaren, Inc., dated November 21, 1989.
  - *Environmental Assessment, 6707 Bay Street, Emeryville, California*, prepared by SCS Engineers, Inc., dated January 30, 1990.
  - *Soil Vapor Recovery and Groundwater Remediation Systems,* prepared by SCS Engineers, Inc., dated February 26, 1990.
  - *Sump Sampling at 6707 Bay Street, Emeryville, California*, prepared by SCS Engineers, Inc., dated March 6, 1990.

  - *Interim Report One, 6707 Bay Street, Emeryville, California*, prepared by SCS Engineers, Inc., dated February 25, 1991.
  - *Letter Report, Nady Systems Inc. Site, 6707 Bay Street, Emeryville, California*, prepared by PES Environmental, Inc., dated December 9, 1991.
  - *Site Inspection, Mike Roberts Color Productions, 6707 Bay Street, Emeryville, California,* prepared by Bechtel Environmental, Inc. for EPA, dated October 22, 1992.
  - *Summary of Environmental Investigation/Remediation, 6707 Bay Street, Emeryville, California,* prepared by Subsurface Consultants Inc. (SCI), dated May 23, 1994.
  - Documentation of Deed Restriction*, Environmental Remediation Notice*, prepared by First American Title, dated October 20, 1994.
  - *Addendum No. 1, Work Plan and Revised Request for "No Further Action", Alternate Compliance Points Monitoring Program,* prepared by SCI, dated January 17, 1995.
  - *Groundwater Monitoring – May 1996 Event, Request for "No Further Action", 6707 Bay Street, Emeryville, California,* prepared by SCI, dated June 21, 1996.
  - Letter Indicating Preparation of Case Closure Letter*, Nady's Systems, Inc. (Former MRCP) – 6707 Bay Street, Emeryville, CA 94608.* Prepared by ACHCS, dated December 16, 1996.
  - *Draft Phase I Environmental Site Assessment, 6701-6707 Bay Street, Emeryville, California*, prepared by URS Corp., dated October 7, 2005.
  - *Final Report, Geotechnical Characterization, 6701 Shellmound Street/Bay Street, Emeryville, California,* prepared by URS Corp., dated October 7, 2005.

- A review of information provided by the user of this assessment, including information consistent with Appendix X3 of the ASTM Standard. Pertinent information, if any, is discussed in the appropriate sections of this report

This assessment was conducted in accordance with the methodology specified in ASTM Standard E1527-05, as agreed upon by ENVIRON and AvalonBay Communities in March 2013. Issues considered outside the scope of the ASTM Standard and this review include asbestos-containing materials, regulatory compliance, off-site waste management, radon, lead-based paint, lead in drinking water, wetlands, polychlorinated biphenyls (PCBs) in building materials, cultural and historic resources, ecological resources, endangered species, and high voltage power lines.

2.3 Significant Assumptions

In conducting this review, no significant assumptions were made.

2.4 Reliance and General Limitations

This report has been prepared for the exclusive use of AvalonBay Communities Inc. and may not be relied upon by any other person or entity without ENVIRON's prior express written permission.

The report is considered current only for a period of 180 days from the date of the site inspection. The conclusions presented in this report represent ENVIRON's best professional judgment based upon the information available and conditions existing as of the date of this report. In performing its assignment, ENVIRON must rely upon publicly available information, information provided by the client, and information provided by third parties. Accordingly, the conclusions in this report are valid only to the extent that the information provided to ENVIRON was accurate and complete. This review is not intended as legal advice, nor is it an exhaustive review of site conditions or facility compliance. ENVIRON makes no representations or warranties, expressed or implied, about the conditions of the site.

ENVIRON's scope of work for this assignment included collection and analysis of soil, groundwater, and soil gas samples at a specific number of locations on the site, as described in Section 6. As such, this review cannot rule out the existence of latent conditions in areas not sampled and including contamination not identified and defined by the data and information available for ENVIRON's review; however, this report is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such latent conditions.

3 Site Description

3.1 Site Setting

Nady Systems, Inc. owns and operates an electronic sound equipment warehouse and office facility located at 6701-6707 Shellmound Street (previously known as 6701-6707 Bay Street) in Emeryville, Alameda County, California (the "site" "property" or the "facility"). The approximately 2.5-acre site is located approximately 0.5 mile north-northeast of downtown Emeryville, California (Figure 1).

According to the Assessor's Office, the assessor's parcel number (APN) for the site is 49-1490-002. The site is developed with two buildings, the first of which is an approximately 100,000-square-foot warehouse building located in the southern portion of the site. The two-story building consists of a slab-on-grade foundation with a steel frame and concrete pre-fabricated walls. The second building is a two-story office building located in the north-central portion of the site. The site also includes asphalt-paved parking lots located along the northeastern and northern perimeters of the building footprints. The site is bounded by Shellmound Street to the east, the Highway 80 Ashby Avenue off-ramp to the north and west, and Expressions College to the south.

The site is accessed from Shellmound Street at the eastern site boundary. The access road is surfaced with asphalt and leads to two asphalt-paved parking areas present in the western and eastern portions of the site, which are connected by a paved roadway located to the north of the office building. There are no on-site surface water bodies.

Table A provides an overview of physical setting and utility information for the site.

Table A: Physical Setting and Utility Information

Conditions	Source	Description
Topography		
Elevation (above mean sea level)	USGS topographic map (Oakland West, California, 1993)	Approximately 18 feet above mean sea level.
Topographic Gradient	USGS topographic map; visual observations	Relatively flat on-site. Regional topography slopes gently downward to the west toward San Francisco Bay.
Hydrology		
Surface Water Runoff	Visual observations	Percolates into the ground surface at unpaved areas, or runs off of site onto Shellmound Street where it enters catch basins that discharge to the municipal storm sewer system (which ultimately drains to the San Francisco Bay).
Nearest Surface Water Body	USGS topographic map; Visual observations	San Francisco Bay, located approximately 1/8-mile west of the site.

Table A: Physical Setting and Utility Information		
Conditions	**Source**	**Description**
Flood Plain	FEMA*; Facility personnel	Facility personnel reported no known occurrences of flooding at the site. The site is not located within a 500-year flood zone.
Wetlands	NWI*	There are no federally-designated wetlands on-site, although wetlands areas are present at the Berkeley Aquatic Park approximately 1/8-mile north of the site.
Geology and Hydrogeology		
Presumed Direction of Shallow Groundwater Flow	USGS topographic map; 1996 Groundwater Monitoring Report	The regional groundwater flow is inferred to follow the topography and flow to the west towards the San Francisco Bay. Site-specific groundwater flow direction to the northwest has been reported in prior groundwater monitoring reports.
Depth to Groundwater	2005 URS Phase II report, 2013 ENVIRON subsurface investigation	Groundwater was encountered at 6 to 7 feet below ground surface (bgs) during the 2005 URS Phase II. During ENVIRON's 2013 subsurface investigation, groundwater was encountered at 10 to 12 feet bgs.
On-site Wells	Facility personnel; Visual observations	At least five groundwater monitoring wells are present at the site (MW-1, MW-3, MW-7, MW-8, and MW-9). Other wells have historically been present at the site but were not found during the site reconnaissance.
Nearest Groundwater Supply Wells	EDR database report	Five wells are present within one quarter mile of the site; none are registered as public supply wells.
Geologic Conditions	Draft 2005 URS Phase I ESA; 2013 ENVIRON subsurface investigation	Fill materials to 17 to 20 feet depth including clayey gravel overlying silty fine sand and soft clays containing miscellaneous debris such as bricks, wood, rubber, metal, and pieces of glass and plastic. Underlying the fill materials is one to three feet of soft Bay Mud. Beneath the Bay Mud deposit is the Temescal Formation, an alluvial fan unit comprised of lenses of clayey gravel, sandy silty clay, and sand-clay-silt mixtures.
Site Utility Information		
Electricity Supplier	Facility personnel	PG&E
Natural Gas Supplier	Facility personnel	PG&E
Use of Fuel Oil for Building Heat	Facility personnel	No current or former use of fuel oil reported.
Water Supplier	Facility personnel; City personnel	East Bay Municipal Utility District (EBMUD).
Sanitary Sewer	Facility personnel	EBMUD
Septic Systems	Facility personnel	No current or former septic systems reported.

Table A: Physical Setting and Utility Information		
Conditions	**Source**	**Description**
Notes: FEMA = Federal Emergency Management Agency; NCSS = National Cooperative Soil Survey ; NWI = National Wetlands Inventory * - Source was provided in the EDR database report.		

3.2 Current Use of Property

Nady Systems employs approximately 20 individuals in the warehousing and distribution of electronic sound equipment for the music industry. The facility also conducts minor repairs of electronic sound equipment. Facility personnel did not know the appropriate Standard Industrial Classification (SIC) code to describe the site's operations. Based on the operations conducted and information provided by the facility, it appears that the most appropriate primary Standard Industrial Classification (SIC) code is 3651, *Audio and video equipment - household*; the corresponding North American Industry Classification System (NAICS) code is 334310, *Audio and Video Equipment*.[1] Operations at the site are conducted in one shift, five days per week. The major operations conducted at the facility consist of office operations, warehouse operations, shipping and receiving, minor repairs of microphones and other electronic sound equipment, and ancillary operations, as described in more detail below.

- *Office Operations* – the northern site building contains the company's corporate offices.
- *Warehouse Operations* – the southern site building contains warehouse space for the storage of electronic sound equipment. Limited packaging equipment is present but generally inactive.
- *Shipping and Receiving* – new products are received via truck delivery and are stored in the warehouse until they are shipped out to customers via truck.
- *Minor Repairs of Equipment* – defective or malfunctioning microphones and other electronic equipment are periodically repaired at technician work benches located in the warehouse building. The primary raw materials used for repairs include solder wire and small containers of isopropyl alcohol.
- *Ancillary Operations* – The facility performs packaging, shipping and administrative operations, none of which involve the use of significant quantities of chemicals. Nady Systems has a maintenance area with several wood- and metal-working machines that are inactive. Limited equipment maintenance-related materials, such as oils, lubricants, paints, paint thinner/remover, kerosene (for degreasing) and greases are present (generally in retail-sized containers) in the maintenance area but are not currently used. Various sanitizers and detergents are used by janitorial staff.

[1] A formal determination of the most appropriate SIC/NAICS code for the site was beyond the scope of ENVIRON's review.

According to facility personnel, Nady Systems' operations have remained generally consistent during its period of occupancy at the facility.

According to facility personnel, no chlorinated solvents are currently used at the facility, and use of such chemicals would not be expected based on the nature of current site operations. Facility personnel were not aware of any historical use of chlorinated solvents at the site; however, Nady Systems has only occupied the site since 1990, and information regarding chemical use prior to that time is limited to that described in previous environmental investigations and remediation reports.

3.3 Current Uses of Adjoining Properties

The property is located in a mixed industrial and commercial land use area. The nearest residential area is located approximately 700 feet south of the site. Based on discussions with facility personnel, ENVIRON's visual observations from the property boundary and public rights-of-way, and a limited review of publicly available information, a general determination of the current use of adjacent properties was developed, as described Table B.

Table B: Current Use of Properties Adjacent to the Site

Direction	Property/Land Use	ENVIRON's Observations
North	Highway 80 North Shellmound Street and Ashby Avenue off-ramps, followed by the Ashby Avenue underpass, California Historical Radio Society building, radio tower, Potter Street on-ramp, and Berkeley Aquatic park ponds.	No apparent exterior manufacturing or chemical storage operations were observed. No concerns were noted.
East	Railroad tracks, followed by Coulter Forge, a steel components manufacturer.	Bins, steel coil, and steel parts appear to be stored outside on the east and west sides of the Coulter Forge building. No specific concerns were noted.
South	Expressions College, a digital media arts college, followed by an office building and a public storage facility	No apparent exterior manufacturing or chemical storage operations were observed. No concerns were noted.
West	Highway 80 and open land that is part of the Ashby Avenue interchange area.	No apparent exterior manufacturing or chemical storage operations were observed. No concerns were noted.

Notes:

During the site visit, ENVIRON walked or drove by the borders of these properties that are shared with the subject site. ENVIRON did not enter the neighboring properties.

4 Review of Public Records and Other Information Sources

4.1 Environmental Regulatory Database Review

ENVIRON contracted with EDR in March 2013 to prepare of summary of listings in federal and state agency databases for the site and facilities within applicable radii of the property, as specified by the ASTM standard.[2] A copy of the EDR report is presented in Appendix B.

4.1.1 Database Review for Site

ENVIRON reviewed the results of the state and federal environmental database searches performed by EDR (see Appendix B) and also reviewed information available in the DTSC ENVIROSTOR database. The site is listed on eight environmental databases, as discussed in Table C.

Table C: Summary of Environmental Database Listings for the Site

Listing Name or Address	Database	Comments	Reference for Further Discussion
Databases Related to Potential Site Conditions			
Mike Roberts Color Production 6707 Bay Street	Leaking Underground Storage Tank (LUST)	The site is listed on the LUST database due to reported releases from USTs. The database indicates that the LUST case (case # 414) has been closed. No further information is provided.	Section 4.4; Appendix E
Mike Roberts Color Production 6707 Bay Street	Historical Cortese (HIST CORTESE)	The site is listed on the Historical Cortese database, which is an indicator database for historical groundwater impacts. No further information is provided.	Section 4.4

[2] EDR uses the term “radii” to refer to the ASTM terminology “approximate minimum search distance” in the environmental database report.

Table C: Summary of Environmental Database Listings for the Site			
Listing Name or Address	**Database**	**Comments**	**Reference for Further Discussion**
Mike Roberts Color Production 6707 Bay Street	Spills, Leaks, Investigations and Cleanups (SLIC)	The site is listed on the SLIC database as being the focus of an open remediation case at the Alameda County Local Oversight Program (LOP). The site status is listed as "Open - Remediation", with groundwater having been impacted by "other solvent or non-petroleum hydrocarbon". The listing summarizes the site history from 1963 to the 1990s and references the Alameda County Environmental Health website for a more complete historic case file. Based on the closure letter (included in Appendix E), it appears that while the LUST case has been closed with a deed restriction, the SLIC case at the site remains open. The most recent regulatory action for this case, as listed on the RWQCB Geotracker website, was a file review conducted in 2012.	Section 4.4; Appendix E
Mike Roberts Color Production 6707 Bay Street	Alameda County Contaminated Sites (Alameda County CS)	The site is listed on the Alameda County CS database with several status listings, including "Leak Confirmation", "Preliminary Site Assessment Underway", "Pollution Characterization", and "Remedial Action Underway". No further information is provided. Based on the letter indicating site closure (included in Appendix E), it appears that while the LUST case has been closed with a deed restriction, the SLIC case remains open and is related to the listing on the Alameda County CS database.	Section 4.4; Appendix E
Mike Roberts Color Production 6707 Bay Street	ENVIROSTOR	The site is listed on the ENVIROSTOR database as a historical site not currently assigned to the Department of Toxic Substances Control (DTSC). The database indicates the site has been referred to another agency.	Section 4.4
Mike Roberts Color Production 6707 Bay Street	Comprehensive Environmental Response, Compensation, No Further Remedial Action Planned (CERC-NFRAP)	The site is listed on the CERC-NFRAP database. After discovery in 1989 and preliminary assessment in 1990, the site was issued a priority level of "Low priority for further assessment". After a site inspection in 1992, the site was added to the NFRAP list as a site that does not qualify for the National Priorities List (NPL) and was archived.	Section 4.4

Table C: Summary of Environmental Database Listings for the Site			
Listing Name or Address	**Database**	**Comments**	**Reference for Further Discussion**
Databases Related to Regulatory Compliance			
Mike Roberts Color Production 6701 & 6707 Bay Street	HAZNET	The site is listed on the HAZNET database as having disposed of hazardous wastes in 1993 and 1996. Wastes included on the database entry include organic solids (1993), aqueous solutions with organic residues (1996), and contaminated soil from a site cleanup (1996). No further information is provided.	No further discussion necessary
Mike Roberts Color Production 6707 Bay Street	Emissions (EMI)	The site is listed on the EMI database as having had an air emissions permit from Bay Area Air Quality Management District (BAAQMD) in 1987. The listing indicates that the site's emissions permit was for 5 tons per year of total organic hydrocarbon gases and 5 tons per year of reactive organic gases. No further information is provided.	No further discussion necessary
Esselte Pendaflex Dymo Div 6701 Bay Street	Resource Conservation and Recovery Act – Small Quantity Generator (RCRA-SQG)	The site is listed on the RCRA-SQG database as a small quantity generator of hazardous waste in 1996. As the listing is under the name of a historical site occupant, it is likely the waste generated was related to remediation activities. The listing also includes a historical generator listing for Esselte Pendaflex Dymo Div as a large quantity generator of hazardous waste in 1980.	No further discussion necessary.
Esselte Pendaflex Dymo Div 6701 Bay Street	Resource Conservation and Recovery Act Information System (RCRAInfo/FINDS)	The site is listed on the FINDS database as a site that has generated hazardous waste. No further information is provided.	No further discussion necessary

4.1.2 Database Review for Surrounding Properties Within ¼ Mile of the Site

There are several listings in the EDR report for off-site facilities located within applicable ASTM search radii. Several of these listings (e.g., hazardous waste generators, registered underground storage tanks [USTs]), by themselves, are not necessarily indicative of an environmental concern, and these listings are therefore not discussed herein. A number of sites appear on databases indicative of potential contamination concerns (e.g., National Priorities List [NPL], Leaking Underground Storage Tank [LUST], State Hazardous Waste Site [SHWS]). Of these latter facilities, only those that are located adjacent to or upgradient of (but not necessarily adjacent to) the property and have not been issued regulatory closure for all listings of concern are discussed in this section.[3] This analysis was based on the assumption that a hazardous

[3] Shallow groundwater beneath the site likely flows to the south and west, assuming the gradient follows surface topography, and based on groundwater elevation measurements reported in 1996 monitoring report (SCS 1996).

material released to the subsurface generally does not migrate laterally within the unsaturated soil for a significant distance, although a hazardous material can migrate in groundwater in a generally downgradient direction; however, there are limitations to this interpretation. Listings for surrounding properties are discussed in Table D.

Table D: Summary of Listings with Open/Active Status on Databases Potentially Indicative of Contamination for Upgradient or Adjacent Properties within ¼ Mile of the Site

Listing Name or Address	Database	Comments	Reference for Further Discussion
Mussallem/Sybase and Richardson/Sybase 6601 and 6603 Bay Street	LUST, Alameda County CS, HIST CORTESE	The Mussallem/Sybase and Richardson/Sybase property is located at 6601 and 6603 Bay Street, which appears to be adjacent to the south of the site, in a down- or cross-gradient direction. The LUST database indicates that the case is Open – Site Assessment. A case summary indicates that prior to the 1930s the site was part of San Francisco Bay and between the 1930s and 1950s the site was part of the City of Emeryville municipal waste landfill. Three USTs were removed in 1989. During the removal, free-phase petroleum product was observed in the excavation. Soil borings have been advanced at the site and groundwater monitoring has been performed using existing monitoring wells. The most recent site investigation report, dated July 2012, indicates that the lateral extent of separate-phase hydrocarbons (SPH) and related constituents in soil and groundwater has been characterized. A sheen on groundwater was observed near the former USTs but the affected area is limited in extent and bounded by sampling points at monitoring wells and soil borings. In addition, the concentrations and extend of VOCs in groundwater have been characterized, and VOCs are below MCLs with the exception of benzene. Benzene concentrations in MW-5 and MW-7 have decreased over time to below detection limits, and all benzene concentrations in groundwater appear to be stable and are below the ESL for vapor intrusion from groundwater to indoor air for commercial/industrial properties of 1,800 ug/L. Impacts to soil by total petroleum hydrocarbons (TPH), VOCs, and PAHs have been characterized, and VOCs and PAH concentrations are generally below commercial/industrial ESLs. The report includes a request for closure under the 2012 SWRCB Low-Threat UST Closure Policy Criteria.	Section 7.1.3

Table D: Summary of Listings with Open/Active Status on Databases Potentially Indicative of Contamination for Upgradient or Adjacent Properties within ¼ Mile of the Site

Listing Name or Address	Database	Comments	Reference for Further Discussion
Metalco 1475 67th Street	ENVIROSTOR	The Metalco site is located less than 1/8 mile to the east-northeast of the site, in a potentially upgradient direction. Metalco is listed on the DTSC's ENVIROSTOR database as being a Tiered Permit site. No releases have been documented as having occurred at the facility, however the status is listed as "Inactive – needs evaluation". The facility provided information to DTSC in 1997, including a map of its operations. The property uses dry and liquid chemicals, some of which were not identified, to treat metal. Various tanks and sumps are listed on the facility map in the documents provided to DTSC.	Section 7.1.3
Diesel Fuel Tank Area Former 722 Folger Avenue	SLIC, LUST, HIST CORTESE	The property is located less than 1/8 mile to the north-northeast of the site, in a potentially upgradient direction. It is listed on the SLIC database as being open, however it has been inactive since June 4, 2009. In a second listing with the same name and address, the SLIC database lists the case as being closed as of December 1996 and the LUST database lists the status as "Pollution Characterization". However, upon review of the Geotracker files for this case, no open or closed LUST case was found. Due to the "Open – Inactive" status date of 2009 as compared to the "Case Closed" status date of 1996, it appears that the case may be open. However it does not appear likely to pose a significant threat to subsurface conditions at the site.	No further discussion necessary
Emeryville Ashby (Point Emery) West end of Ashby Avenue	Solid Waste Landfill/Landfill (SWF/LF)	The former Point Emery property is located to the west of the site at the Ashby Avenue and Highway 80 interchange. The main portion of this property is located in a downgradient direction from the site, however it is likely adjacent to the site and portions of the landfill may underlie the site. The database indicates that a solid waste landfill was present in this area, and was closed prior to regulations being in place for this type of facility.	Sections 4.2.1 and 7.1.3

Table D: Summary of Listings with Open/Active Status on Databases Potentially Indicative of Contamination for Upgradient or Adjacent Properties within ¼ Mile of the Site

Listing Name or Address	Database	Comments	Reference for Further Discussion
Weatherford BMW/Nissho Irwai Naval Industrial Reserve Plant Berkeley 735 Ashby Avenue	Weatherford BMW listing: LUST, SWEEPS UST, AST, HIST CORTESE, RCRA-SQG, FINDS Naval Industrial Reserve Listing: Formerly Used Defense Sites (FUDS)	The Weatherford BMW property is located less than 1/8 mile to the north-northeast of the site, in a potentially upgradient direction but on the opposite side of the Ashby Avenue underpass from the site. The LUST case associated with the Weatherford BMW facility is listed as Open. The Geotracker case file for the property indicates that site assessment began as of July 1993. The potential contaminants of concern were waste oil, motor oil, hydraulic oil, and lubricating oil. The case lists affected media as soil only. Due to the type of case and its position on the opposite side of the Ashby Avenue underpass, the LUST listing at this property is not considered to pose a significant threat to subsurface conditions at the site. The FUDS database indicates that the property was formerly used as a Naval Industrial Reserve, which the US Navy used as a steel forge for manufacturing steel parts. The database includes a summary of historical environmental issues at the site, including six USTs removed between the 1960s and 1988, possible leaks from inactive petroleum pipelines, allegations of illegal PCB dumping by a former lessee. The database indicates that there are no current hazards identified at the property resulting from its former use as the Naval Industrial Reserve.	No further discussion necessary

Table D: Summary of Listings with Open/Active Status on Databases Potentially Indicative of Contamination for Upgradient or Adjacent Properties within ¼ Mile of the Site

Listing Name or Address	Database	Comments	Reference for Further Discussion
McGrath Steel 6655 Hollis Street	LUST, HIST UST, SWEEPS UST, HIST CORTESE, CA FID UST, Alameda County CS	The McGrath Steel property is located between 1/8 and ¼ mile to the east of the site, in a potentially upgradient direction. The LUST database lists the site as Open – Assessment & Interim Remedial Action. Two USTs containing diesel and gasoline were removed in 1996 and contamination was noted, affecting groundwater. Groundwater sampling at the facility has indicated elevated gasoline, benzene, and methyl-tert butyl ether (MTBE). The most recent subsurface investigation report (reviewed on Geotracker) indicates maximum gasoline concentrations in soil and groundwater of 2,000 milligrams per kilogram (mg/kg) and 160,000 micrograms per liter (ug/l), respectively, in the vicinity of former fuel USTs. Samples collected from the furthest downgradient soil boring (B-19) indicated gasoline ranging from 240 to 360 mg/kg and benzene ranging from 0.12 to 0.31 mg/kg in soil. Groundwater samples from the same location indicated gasoline at 5,000 ug/l and benzene at 6.5 ug/l. Other detected compounds at this location include petroleum hydrocarbons as diesel and mineral spirits, ethylbenzene, xylenes, and polycyclic aromatic hydrocarbons (PAHs) naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene. The report proposes the installation of three groundwater monitoring wells, including one downgradient of boring B-19. Based on the concentrations reported in samples from B-19, groundwater from this property that is impacted with elevated petroleum hydrocarbons, VOCs, and PAHs may have reached the site.	Section 7.1.3

The EDR report indicates that poor or inadequate address information was available for several sites located in the vicinity of the property; therefore, these sites could not be readily mapped by EDR. Because the location of these sites with respect to the property could not be evaluated, ENVIRON is limited in its ability to express an opinion regarding the potential for impact to the property from these sites. It was beyond the scope of this review to accurately locate each of the unmapped sites identified by EDR; however, ENVIRON reviewed the list of unmapped sites and verified that none appeared to be adjacent to the subject site.

4.2 Historical Uses of the Site and Adjacent Sites

4.2.1 Past Uses of the Site

The site was part of San Francisco Bay until the land was reclaimed, beginning in 1947, by gradually filling the low-lying marsh along the bay margin. During this time period, a municipal landfill was operated on a portion of the site and on the properties to the south. The current site buildings were constructed in approximately 1963. From 1963 to 1979, the site was operated by Dymo Industries, Inc, a label tape and label tape puncher manufacturer owned by Esselte Pendeflex Corporation. Dymo Industries reportedly used virgin methyl isobutyl ketone (MIBK) and methyl ethyl ketone (MEK or 2-butanone) in their processes. Chemicals used in Dymo Industries' processes were stored in three USTs at the approximate location shown on Figure 2 (Subsurface Consultants, Inc. 1994).

From 1979 to 1989, Mike Roberts Color Productions (MRCP) operated at the site. MRCP manufactured and printed color postcards and expanded into color printing, lithography and off-set printing operations. These activities produced waste materials including inks, solvent cleaning compounds and color pigments. These materials were stored in 55-gallon drums that were placed in a drum storage area located at the west side of the site, as shown on Figure 2. The drum storage area was paved with asphaltic concrete. The drums were placed on metal plates which covered the asphaltic concrete. MRCP was apparently unaware of the existence of the USTs located on the site. The USTs were apparently not used by MRCP. The USTs were removed from the site in October 1989 (Subsurface Consultants, Inc. 1994).

Nady Systems, Inc., the current property owner, purchased the property from MRCP in 1990. Nady Systems, Inc. is a distributor and packager of communication systems, such as wireless microphones. Nady Systems, Inc. initially occupied only the office building at the site, and leased the warehouse building to a ceramic tile distributor. Nady Systems eventually expanded its operations to include the warehouse building. According to facility personnel and the 1994 site summary report by SCI, Nady Systems, Inc. does not use substantial quantities of chemicals, nor did the tile distributor who formerly leased the warehouse building at the site.

A summary of ENVIRON's key observations from the available historical sources is presented in Table E.

Table E: Summary of Key Observations from Historical Sources for the Subject Site	
Historical Source	**Key Observations Regarding Site History**
Sanborn Maps (1903, 1911, 1950, 1952, 1967, 1969, 1980)	The 1903, 1911, and 1950 maps depict the site as part of San Francisco Bay. The Southern Pacific Railroad is present on the land to the east of the site. To the south of the site is a wharf or pier that is labeled as a salt water pump house on the 1950 map. Businesses to the east of the railroad tracks include a lumber yard, chemical works (labeled "Glue and Gelatine"), and a tannery & wool pullery. On the 1952 map the site appears to be mostly filled in with the exception of a narrow slough where the salt water pump house remains. Businesses to the east of the railroad tracks include Coulter Steel and Forge Co. and Chamberlin Co (insulation and weather stripping manufacturing). On the 1967 and 1969 maps, the site is occupied by Dymo Industries Inc. and the adjacent site to the south is occupied by a sugar and liquor warehouse. Coulter Steel and other metalworking and warehouse companies are shown to the east of the railroad tracks. The Highway 80 Ashby Avenue interchange roadways appear to have been completed. The site and surroundings are not depicted on the 1980 map.
Aerial Photographs and Satellite Imagery[1] (1939, 1946, 1958, 1968, 1974, 1984, 1993, 1999, 2005, 2009, 2010)	In 1939 the site appears to be part of San Francisco Bay, between Highway 80 to the west and industrial areas to the east. It appears that landfill activities are ongoing in the aquatic area to the south. In 1946 additional landfilling activities are visible to the south and possibly within the southern site boundary. In 1958 the area has been completely filled and the Highway 80 Ashby interchange has been completed. A large building is visible to the south, and the site is vacant. On the 1968 map, the site buildings are present, as well as another building adjacent to the south of the warehouse building on the site. The site appears similar in subsequent photographs, with residential condominiums appearing to the south in 1993.
Topographic Maps (1895, 1915, 1948, 1949, 1959, 1968, 1973, 1980, 1993)	The site appears as part of San Francisco Bay until the 1948 map, on which the site is depicted as being to the south of the Ashby Avenue interchange, on the boundary between land and aquatic areas to the south. On the 1949 map, the site is depicted as being fully filled in but without buildings. Surrounding areas contain large buildings and other development. On the 1959 map, a large building is depicted to the south of the site, with a rail spur near the southern site boundary, and other industrial buildings have been added. On the 1968 map, site buildings are present. The 1973 and 1980 maps are generally similar to the 1968 map. On the 1993 map, individual buildings are no longer depicted; rather the entire area is shaded gray to represent urban development.
City Directory Abstracts (1920 through 2012)	The site is identified as Nady Systems, Inc. in 2006, 2007, and 2012. Prior site occupants are not identified in the document. Adjoining and nearby properties have primarily been occupied by various commercial and industrial operations since the 1920s.

Table E: Summary of Key Observations from Historical Sources for the Subject Site	
Historical Source	**Key Observations Regarding Site History**
Additional Sources 1994 Site Summary Report prepared by Subsurface Consultants, Inc.	The summary report describes historical usage of the site buildings as discussed in Section 4.2.1. The report also describes the removal of USTs from the site in 1989; and various environmental concerns at the site including the former drum storage area, drainage ditch area, former sump area, former UST area, landfill materials present in the subsurface, and impacts to groundwater quality. Information about prior subsurface investigations into these issues is summarized, including a description of a soil vapor and groundwater extraction and treatment system that was installed at the site to remediate VOC impacts from the former UST area. The system operated for six to seven months in 1990 and 1991. The system was decommissioned in 1993 in accordance with a work plan approved by Alameda County Health Care Services Agency.

4.2.2 Past Uses of Adjacent Sites

The properties in the vicinity of the site have been used for industrial purposes since as early as the 1920s. Notable operations on surrounding properties to the east (across Shellmound Street and the rail road right-of-way) have included a steel forge, lumber yard, tannery, various metalworking facilities, and warehouses. Surrounding properties to the south have included various industrial operations as well as a former municipal landfill. Adjacent areas to the north and west have historically been used as roadways and highway interchange areas.

4.3 Review of Local and State Agency Information

ENVIRON visited or otherwise contacted local governmental agencies and regulatory bodies for information relating to the site. An overview of the findings of this review is presented in Table F.

Table F: Local Agency Information for the Site	
Agency Contacted / Document Reviewed	**Information Obtained**
Alameda County Assessor	Documents reviewed on the Alameda County Assessor's website in March 2013 included a parcel map and tax records. The APN of the site is 49-1490-002.
Alameda County Fire Department	ENVIRON contacted Doug Conover of Alameda County Fire Department (which is contracted by the City of Emeryville) in March 2013 and left a message inquiring as to whether the Fire Department maintains records pertaining to hazardous materials at the site. ENVIRON called again in June 2013 and was not able to leave a message. As of the date of this report, a response had not been received from the Fire Department.

Table F: Local Agency Information for the Site	
Agency Contacted / Document Reviewed	**Information Obtained**
Alameda County Environmental Health	ENVIRON requested records from the Alameda County Environmental Health Department (ACEH) in March 2013 for information regarding soil or groundwater investigations, USTs, LUSTs, hazardous materials inspections, or violations/permits for the property. ACDEH indicated that all records pertaining to the site are available at the ACDEH website and online database. ENVIRON downloaded the available documents from the website. Records contained various site investigation reports, monitoring reports, and correspondence pertaining to the 1989 UST closure, investigation of other environmental issues at the site, the soil vapor and groundwater remediation system at the site, closure of the LUST case for the site, and a land use deed restriction. These documents are further discussed in Section 4.4.

4.4 Previous Environmental Assessments and Activities

Based on a review of historical site documents and interviews with facility personnel, there were several environmental assessments, sampling investigations, groundwater monitoring events and remediation activities were completed at the site. The environmental sampling and monitoring data collected during these prior sampling events are summarized in Appendix D.4 and the sample locations shown on Figure 3. The prior environmental assessment, sampling, and remediation activities are discussed below.

UST Closure

- *Final Report/Tank Removal, Mike Roberts Color Productions, 6707 Bay Street, Emeryville, California*, prepared by LW Environmental Services, Inc., dated November 3, 1989.

On October 2, 1989, the contents were removed from three USTs at the site. Approximately 1,075 gallons of liquid containing methyl ethyl ketone was pumped into a tank truck and delivered to a treatment and disposal facility. On October 5, 1989, the three tanks were purged with dry ice, removed using a backhoe, and transported off site for proper disposal. Following tank removal, a soil sample was collected from both the east and west ends of each tank excavation for a total of six soil samples. Tank removal and soil sampling was overseen by ACHCS. Confirmation soil samples indicated the presence of TPH as gasoline (up to 700 mg/kg) and diesel (up to 460 mg/kg), as well as the VOCs benzene (up to 6.4 mg/kg), toluene (up to 0.06 mg/kg), ethylbenzene (up to 0.11 mg/kg), and xylene (up to 7.5 mg/kg). 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene were also detected (up to 2.4 mg/kg). Laboratory results indicated that MIBK created interference in the samples; however no MIBK results are presented (LW Environmental Services 1989).

Subsurface Investigations, Remediation and Monitoring

- *Environmental Assessment, 6707 Bay Street, Emeryville, California,* prepared by SCS Engineers, Inc., dated January 30, 1990.

- *Sump Sampling at 6707 Bay Street, Emeryville, California,* prepared by SCS Engineers, Inc., dated March 6, 1990.
- *Soil Vapor Recovery and Groundwater Remediation Systems,* prepared by SCS Engineers, Inc., dated February 26, 1990.
- *Interim Report One, 6707 Bay Street, Emeryville, California,* prepared by SCS Engineers, Inc., dated February 25, 1991.
- *Letter Report, Nady Systems Inc. Site, 6707 Bay Street, Emeryville, California,* prepared by PES Environmental, Inc., dated December 9, 1991.
- *Groundwater Monitoring – May 1996 Event, Request for "No Further Action", 6707 Bay Street, Emeryville, California,* prepared by SCI, dated June 21, 1996.

Subsurface soil and groundwater sampling were conducted in 1990 and 1991 and monitoring wells MW-7 and MW-8 were installed. Site assessment activities included investigation of the former UST area, former drum storage area, former sump, and drainage ditch at the west end of the site. Results indicated the presence of MIBK and TPH in soil and groundwater at the former UST area, as well as oil and grease, TPH, metals, VOCs, SVOCs, and PCBs in soil at other locations on the site. Most of the chemicals found in areas outside of the UST area were generally attributed to the former municipal landfill that historically encompassed at least a portion of the site property. Remediation systems were installed in the UST area using MW-7 and MW-8 as extraction wells, which were connected to carbon filtration vessels. Soil vapor extraction was also performed in the UST area using two vapor extraction wells connected to carbon filtration vessels, as well as two passive recharge wells. Remediation systems operated for approximately six months in 1990 and 1991. The vapor extraction system was reported by SCS to have reduced the total VOC concentrations in soil to less than 10 mg/kg in the UST area. The groundwater extraction and treatment system was reported by PES to have removed approximately three pounds of MIBK (PES 1991). Groundwater monitoring activities continued until 1996. A copy of the final groundwater monitoring data report and related contour map are attached in Appendix D.1a and D.1b.

<u>Land Use Controls and SLIC Case Closure</u>

- Documentation of Deed Restriction*, Environmental Remediation Notice*, prepared by First American Title, dated October 20, 1994.
- *Work Plan and Revised Request for "No Further Action" Alternative Compliance Points Monitoring Program, 6707 Bay Street, MIBK Tank Area, Emeryville, California*, prepared by SCI, dated October 18, 1994.
- *Addendum No. 1, Work Plan and Revised Request for "No Further Action", Alternate Compliance Points Monitoring Program,* prepared by SCI, dated January 17, 1995.
- Letter Indicating Preparation of Case Closure Letter*, Nady's Systems, Inc. (Former MRCP) – 6707 Bay Street, Emeryville, CA 94608.* Prepared by ACHCS, dated December 16, 1996.

A deed restriction recording five conditions for further development of the site was recorded in October 1994. On October 20, 1994, the deed notice was issued for the site and signed by John Nady. A copy of the deed notice is attached in Appendix D.2. The deed notice stated that:

1. If soil is excavated, it may be considered hazardous waste under state and federal law;

2. Groundwater from the site is not usable for domestic, irrigation or industrial purposes.

3. If future construction includes structures extending below the ground level (that being approximately 7 to 10 feet), groundwater generated during dewatering operations will require treatment prior to discharge;

4. An approved Health and Safety Plan will be required by the Alameda County Health Care Services Agency (ACHCSA) prior to any work requiring significant subsurface excavations; and

5. An environmental risk assessment may be required by the ACHCSA if any significant change in land use is proposed.

Following groundwater monitoring in 1993 and 1994, requests for "No Further Action" were submitted in 1994, and another request for "No Further Action" was submitted in 1995. After additional groundwater monitoring in 1995 and 1996, ACHCSA prepared a conditional closure letter dated December 16, 1996. The conditional closure letter indicated that modifications and additional conditions were to be added to the recorded deed restriction and that a case closure summary was to be submitted for approval by the State of California Regional Water Quality Control Board (RWQCB). The December 16, 1996 letter is attached in Appendix D.3. The modifications and additional conditions listed in the letter included:

1. The shallow groundwater beneath the site shall not be used.
2. Appropriate Health and Safety plans shall be prepared prior to and followed during any activities involving exposure to pollution in soil or groundwater.
3. A health risk assessment shall be required if a change in land use, structural configuration or site activities are proposed such that more conservative scenarios should be evaluated.
4. Potential vertical conduits between the shallow and deep aquifers shall not be created.

No information was found indicating that the deed notice was modified to include the conditions listed in the December 1996 letter or that the RWQCB had approved the conditional closure by the ACHCSA.

<u>Other Environmental Reports</u>

– *Phase I Review of Documents and Verification of Groundwater Flow Direction*, prepared by McLaren, Inc., dated November 21, 1989.

- *Site Inspection, Mike Roberts Color Productions, 6707 Bay Street, Emeryville, California,* prepared by Bechtel Environmental, Inc. for EPA, dated October 22, 1992.
- *Summary of Environmental Investigation/Remediation, 6707 Bay Street, Emeryville, California,* prepared by Subsurface Consultants Inc., dated May 23, 1994.
- *Draft Phase I Environmental Site Assessment, 6701-6707 Bay Street, Emeryville, California*, prepared by URS Corp., dated October 7, 2005.
- *Final Report, Geotechnical Characterization, 6701 Shellmound Street/Bay Street, Emeryville, California,* prepared by URS Corp., dated October 7, 2005.

Various document reviews and site summaries were prepared from 1989 to 1994, including a site inspection conducted on behalf of EPA in 1992. A draft Phase I ESA was prepared for the site in 2005 for Trammel Crow Residential for a potential purchase of the site, and while the conclusions section was incomplete, the report tentatively identified several RECs including the three former USTs and residual VOC contamination in groundwater, subsurface soil contamination identified throughout the site, groundwater contamination by TPH from unknown sources, former monitoring wells and sumps with unknown status located throughout the site, and the presence of potential asbestos-containing materials (ACMs) in building materials at the site.

4.5 User-Provided Information

ENVIRON provided AvalonBay Communities, Inc. with a User Questionnaire (consistent with Appendix X3 of the ASTM Standard) that requested information relating to environmental liens, AULs, specialized knowledge of the property, property value diminution, chain-of-title, or any other commonly known or obvious indications of site contamination, that was not otherwise provided to ENVIRON. The user did not provide any information that was not otherwise obtained and reviewed by ENVIRON.

5 Site Reconnaissance

5.1 Methodology and Limiting Conditions

ENVIRON conducted a visit to the site on April 9, 2013. During the site visit, observations of both the interior of the buildings and exterior portions of the site were made to evaluate if any RECs, as defined in Chapter 2, are present. ENVIRON did not observe the roof of the buildings. Several of the mezzanine-level rooms in the office and warehouse buildings were off-limits during the site reconnaissance due to the potential presence of mold related to water intrusion issues. Some unused areas of the warehouse building were without power and/or lights and ENVIRON did not fully observe these areas. Lastly, several rooms in the office and warehouse buildings, including the maintenance area in the warehouse building, contained numerous boxes and other stored items, which prevented ENVIRON from observing the floor and/or walls of these areas. The contents of stored boxes and other items in these areas were not inspected.

5.2 General Site Setting and Observations

ENVIRON made observations concerning all of the interior and exterior issues specified in Sections 9.4.2 through 9.4.4 of the ASTM E1527-05 Standard. The presence or absence of each issue of environmental interest or concern is noted in Table G. Additional information regarding observed and historical items is provided in the sections following the table.

Table G: Summary of Site Reconnaissance Observations

Issue	ASTM Section	Observation
Interior and Exterior Issues		
Current use(s) of the property	9.4.2.1	See Section 3.3
Past use(s) of the property	9.4.2.2	See Section 4.2
Hazardous substances and petroleum products used, treated, stored, disposed of, or generated on the property in connection with identified present or past uses	9.4.2.3	**Present** (see Section 5.2.1)
Storage tanks: Underground storage tanks (fill ports, vent pipes, manholes) Aboveground storage tanks	9.4.2.4	(see Section(s) 5.2.2) Formerly Present Absent
Odors (strong, pungent or noxious)	9.4.2.5	Absent
Pools of liquid, standing surface water or sumps	9.4.2.6	Absent
Drums of hazardous substances or petroleum products (five-gallon, 55-gallon or totes)	9.4.2.7	**Present** (see Section 5.2.1)
Hazardous substance and petroleum product containers (not necessarily in connection with identified uses)	9.4.2.8	Absent
Unidentified substance containers suspected of containing hazardous substances or petroleum products	9.4.2.9	Absent

Table G: Summary of Site Reconnaissance Observations

Issue	ASTM Section	Observation
Polychlorinated biphenyls (PCBs) Electrical equipment on-site (e.g., transformers, capacitors) Electrical equipment known or likely to contain PCBs Hydraulic equipment on-site (e.g., elevators, truck dock lifts) Hydraulic equipment known or likely to contain PCBs	9.4.2.10	(see Section 5.2.3) **Present** Possible **Present** Possible
Interior Issues		
Heating/cooling systems	9.4.3.1	Present (see Section 5.2.4)
Stains or corrosion on interior floors, walls or ceilings (except for staining from water)	9.4.3.2	Present (see Section 5.2.5)
Floor drains and interior sumps	9.4.3.3	Not observed
Exterior Issues		
Pits, ponds or lagoons on property or adjacent sites	9.4.4.1	Absent
Stained soil or pavement	9.4.4.2	Absent
Stressed vegetation (from other than insufficient water)	9.4.4.3	Absent
On-site solid waste disposal; areas apparently filled or graded by non-natural causes; or mounds or depressions suggesting solid waste disposal	9.4.4.4	Not observed during site visit but otherwise known to be present (see Section 7.1.1)
Wastewater or other liquid (including storm water) or any discharge into a drain, ditch, underground injection system or stream on or adjacent to the property	9.4.4.5	**Present** (see Section 5.2.6)
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	9.4.4.6	**Present** (see Section 5.2.7)
Septic systems or cesspools	9.4.4.7	Absent

Notes:

Observations noted in this table and discussed further below are based on information obtained during the site visit and from a review of the sources summarized in Section 4.

See the ASTM Standard for a detailed description of the issues included in each referenced ASTM section.

Per the ASTM Standard, fluorescent light ballasts likely to contain PCBs do not need to be noted.

N/A – Not applicable

5.2.1 Hazardous Substances and Petroleum Products

Operations at the site are not chemically intensive. The primary chemicals used at the site include maintenance-related materials such as sanitizers and detergents. In addition, Nady Systems occasionally uses oils, lubricants, and greases for packaging equipment. A five-gallon

container of kerosene was observed in the maintenance area of the warehouse. Lastly, equipment repair and servicing sometimes involves the use of solder wire.

Several dedicated materials storage areas are maintained at the site:

- Small retail-sized containers (up to one gallon) of paints, oils, and sanitizers/detergents, as well as one five-gallon container of kerosene and several five-gallon containers of paint, are stored in the warehouse maintenance area.
- Small retail-sized containers of sanitizers/detergents, polyurethane, paint thinner, and paint/epoxy remover, as well as several five-gallon containers of paint, are stored in a janitor office/storage room in the warehouse.
- In exterior areas, ENVIRON observed four 55-gallon drums stored on pavement at the southwest corner of the warehouse building. One of the drums was missing its lid and appeared to contain soil. Facility personnel indicated that these drums were left behind after a previous environmental investigation, but they did not know how long the drums had been stored there.

Facility personnel were not aware of any significant spills or releases of materials at chemical storage areas. ENVIRON did not observe evidence of spills or uncontrolled releases from these storage areas, other than minor floor staining in the warehouse maintenance area.

5.2.2 Underground Storage Tanks

Three former USTs operated by Dymo Industries between approximately 1963 and 1979 were located outside the northeast corner of the warehouse building. According to previous environmental assessments, the USTs were installed in the early 1960s and were used for the storage of MEK and MIBK. The USTs were discovered in 1989 by MRCP (which did not use the tanks and were not aware of their existence) and excavated by LW Environmental Services in October 1989. At the time of closure, the tanks were found to be damaged. The site is listed on the LUST database. The LUST case for the site has been closed, however it appears that a SLIC case for the site remains open. Further discussion is provided in Section 4.1.1 and Section 4.4.

5.2.3 Polychlorinated Biphenyls (PCBs)

Facility personnel were not aware of on-site equipment that is known to contain polychlorinated biphenyls (PCBs). One pad-mounted transformer is present on the property and is owned by PG&E. The unit is not labeled as to its PCB content. ENVIRON saw no indication of leaks or releases from electrical equipment observed during the site visit.

Because the buildings were constructed prior to the 1979 federal ban on the manufacture of PCBs, it is possible that hydraulic oils, or other types of electrical equipment, such as capacitors or light ballasts, contain PCBs. ENVIRON observed pipes and controls in an unused portion of the warehouse building that appeared to be related to hydraulic systems used by previous occupants. Facility personnel were not aware of whether any of these unused hydraulic systems in the warehouse building contain oil, and did not know when these systems were last used or serviced; thus it is possible that hydraulic oils, if present in these systems, may contain

PCBs. Although not required by ASTM standards to be noted, ENVIRON observed fluorescent light ballasts in the warehouse maintenance area that were labeled as having been installed in 1966.

5.2.4 Heating/Cooling Systems

The buildings do not appear to have a central HVAC system or boiler equipment. It appears that comfort heating and cooling are provided by individual space heaters and air conditioners.

5.2.5 Stains or Corrosion on Interior Floors, Walls, or Ceilings

ENVIRON observed minor floor staining in the warehouse maintenance area. This staining did not appear to be indicative of widespread releases or losses, and some of the staining appeared to be related to water intrusion issues in the area.

5.2.6 Wastewater

Sanitary wastewater, which includes wastewater from kitchen and bathroom areas, is discharged to the municipal sewer system. Process wastewater is not generated at the site.

Storm water at the site infiltrates into small landscaped areas or enters municipal storm drains along Shellmound Street, which drain to San Francisco Bay. There is also a low-lying area along the northwest and western property boundaries that likely receives storm water runoff from the site.

5.2.7 Wells

ENVIRON observed five monitoring wells on the site, in locations that are consistent with those depicted as MW-1, MW-3, MW-7, MW-8, and MW-9 on previous environmental reports. No monitoring wells were observed in the reported locations of MW-5, MW-6, and MW-10. It is not known whether these wells have been abandoned and/or removed, or if they remain but have been buried or damaged. MW-7 was missing its vault lid and appeared to be filled with soil. The other observed wells are located in the former UST area, with MW-8 and MW-3 contained within vaults that appear to be related to the former groundwater extraction and treatment system at the site. Facility personnel were not aware any other monitoring wells on the property, nor were any additional monitoring wells observed at the time of the site visit.

6 Phase II Subsurface Investigation

ENVIRON conducted soil, soil gas and groundwater sampling at the site on April 19 and 22, 2013. Figure 3 shows the locations of the soil, soil gas and groundwater samples. Tables 1 through 5 present the results of soil, soil gas and groundwater sample analyses from the April 2013 investigation.

6.1 Pre-Field Activities

ENVIRON prepared a site-specific health and safety plan (HASP) and notified Underground Service Alert (USA) of the sampling activities at least two working days prior to the start of intrusive sampling, as required by law. ENVIRON obtained drilling and soil gas well installation permits from Alameda County Public Works Agency, Water Resources Division. ENVIRON contracted with a private utility locating company to clear proposed boring locations of underground utilities. ENVIRON also contracted with a drilling subcontractor to perform direct-push technology (DPT) drilling activities, and with analytical laboratories to perform soil, soil gas, and groundwater sample analyses.

6.2 Soil Borings and Soil Sample Collection

Soil samples were collected for chemical analyses at locations SG-1 through SG-5 from depths ranging from three to five feet below ground surface (bgs). At each location, a soil boring was advanced to a depth of at least five feet bgs (soil borings planned for groundwater sampling were advanced to a deeper depth, as discussed below) and soil was screened for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) at one-foot intervals. Observations were recorded at each borehole to document soil lithology and any indications of staining or other visual evidence of impacts.

6.2.1 Soil Sampling, Lithology, and Observations from Zero to Five Feet

Soil boring SG-1 was located in the area to the north of the former USTs and was sampled at a depth of 3.5 to 4.0 feet bgs. SG-2 was located at the northern property boundary, to the north of the office building, and was sampled at 3.0 to 3.5 feet bgs. SG-3 was located in the central portion of the site, in the parking area along the northern side of the warehouse building, and was sampled at 3.5 to 4.0 feet bgs. SG-4 was located near the northwest corner of the warehouse building near the former sump location, and was sampled at 3.5 to 4.0 feet bgs. SG-5 was located in the southwestern corner of the site between the former drum storage area and the drainage ditch, and was sampled at 4.5 to 5.0 feet bgs. Shallow soil at all locations appeared to consist of gravelly, sandy, and clayey soils with occasional brick, concrete, and wood fragments, indicative of imported fill materials. No significant staining or odors were observed within the upper five feet of soil, and field screening for VOCs did not indicate VOCs above background levels in the upper five feet of soil.

Soil samples were collected in sections of the acetate drilling liner, which were immediately capped with Teflon sheets and plastic end caps, labeled, sealed in doubled zip-closure plastic bags, and stored on ice in an insulated cooler until transported to McCampbell Analytical, Inc. (MAI) under chain-of-custody documentation. Soil samples were requested to be analyzed for TPH as diesel (TPH-D) and motor oil (TPH-MO) by EPA Method 8015, organochlorine

pesticides (OCPs) and PCBs by EPA Method 8080A/8081B/8082A, and California Assessment Manual (CAM17) Metals by EPA Method 6020/7470A.

6.2.2 Lithology and Observations Below Five Feet

At locations SG-1, SG-4, and SG-5, the soil borings were extended to a depth of 15 feet bgs for groundwater sampling.

At SG-1, fill materials similar to those observed in shallow soils at other locations were observed to a depth of approximately five feet bgs, at which point fine brown sands were encountered. Groundwater was encountered at a depth of 10 to 11 feet bgs, and the color of the sand changed abruptly to gray just below the groundwater table. Wood fragments were observed near the bottom of the boring. No significant staining or odors were observed and there were no detections above background levels during field screening for VOCs.

At SG-4, primarily clay and sandy clay were observed below five feet bgs. At a depth of 9.5 feet bgs, just above the groundwater table, the color of the soil became black. No VOCs were detected above background levels during field screening at this depth. Groundwater was encountered between 10 and 11 feet bgs. Soils within the saturated zone, as well as the groundwater itself, appeared black. Field VOC screening indicated VOC concentrations ranging from approximately 10 to 20 ppm in headspace samples collected within the saturated zone, and a slight odor was present. Wood fragments were observed near the bottom of the boring.

At SG-5, primarily sand and sandy clay were observed below five feet bgs. At a depth of 9.9 feet, just above the groundwater table, the color of the soil became black with no VOC detections above background, similar to conditions observed at SG-4. Groundwater was encountered between 10 and 11 feet bgs, and soil and groundwater within the saturated zone appeared black, as it did at SG-4. A slight sheen was observed on portions of saturated soil at this location. Field VOC screening indicated VOC concentrations ranging from approximately 20 to 330 ppm in headspace samples collected within the saturated zone, and an odor was present.

6.3 Groundwater Sample Collection

As described above, at locations SG-1, SG-4, and SG-5, the soil borings were advanced to a depth of 15 feet bgs for the collection of grab groundwater samples. At each location, a temporary PVC well casing, screened from 5 to 15 feet bgs, was installed in the borehole. Depth-to-groundwater measurements were collected using a depth sounder until readings had stabilized. The static groundwater depths at SG-1, SG-4, and SG-5 were 10.75 feet bgs, 11.75 feet bgs, and 10.25 feet bgs, respectively. After collecting a final depth measurement, new polyethylene tubing equipped with a stainless steel check valve was lowered into the temporary well casing and groundwater samples were collected into laboratory-provided containers by raising and lowering the tubing. Sample containers designated for VOC analysis were filled completely with no headspace, as required by the analytical method.

During groundwater sampling at location SG-4 and SG-5, a moderate hydrogen sulfide odor was observed. At location SG-5, a slight sheen was observed on groundwater samples.

Sample containers were immediately capped, labeled, sealed in doubled zip-closure plastic bags, and stored on ice in an insulated container until transported to MAI under chain-of-custody documentation. Groundwater samples were requested to be analyzed for TPH-D, TPH-MO, and total CAM17 Metals by the EPA methods listed in Section 6.2.1, and for VOCs by EPA Method 8260B.

6.3.1 Borehole Abandonment

Following the completion of groundwater sampling, all of the soil borings were backfilled using neat Portland cement under the oversight of an Alameda County inspector. Soil borings that extended into groundwater were backfilled via tremie pipe. The surface at each borehole location was repaired using quick-set concrete that was dyed black to match the surrounding asphalt.

6.4 Soil Gas Sampling

On April 19, 2013, five semi-permanent vapor wells were installed at locations that were co-located with each of the soil borings described above. On April 22, 2013, soil gas samples were collected from each of the semi-permanent vapor wells, as described below.

6.4.1 Installation of Semi-Permanent Vapor Wells

Semi-permanent vapor wells were installed on April 19, 2013 at locations SG-1 through SG-5, in dedicated soil borings that were co-located with the borings that were used for soil and groundwater sampling. The vapor wells were constructed in general accordance with DTSC and RWQCB guidance for active soil gas investigations[4]. Soil borings were advanced to a depth of five feet bgs, and a length of Teflon tubing equipped with a stainless steel probe tip was lowered into each borehole to a depth of 4.5 feet bgs. A sand pack of clean No. 3 Monterey beach sand was emplaced from 4.0 to 5.0 feet bgs. Six inches of dry granular bentonite was added above the sand pack, and then additional granular bentonite was added and hydrated in six-inch lifts using potable water to approximately six inches below the surface. The vapor wells were completed using flush-mounted well vault boxes cemented into place with quick-set concrete.

6.4.2 Collection of Soil Gas Samples

Soil gas samples were collected from each of the semi-permanent vapor wells on April 22, 2013, in general accordance with the DTSC/RWQCB guidance document referenced above. Prior to sampling, the laboratory-provided Summa canisters and sampling manifolds were individually certified to be clean to method detection limits.

Prior to sampling at each location, the laboratory-provided sampling manifold was connected to a laboratory-provided Summa canister and sealed using a Swagelok compression cap. A syringe was then connected to the purging port of the manifold using a dedicated, disposable polycarbonate three-way valve. The syringe was then used to apply a vacuum to the system and the three-way valve was closed, in order to conduct a “shut-in test” to assess the potential

[4] California EPA Department of Toxic Substances Control, Los Angeles RWQCB, and San Francisco RWQCB, 2012. *Advisory – Active Soil Gas Investigations*. April.

for any leaks in the sample train. The vacuum level was recorded at the start of each test, and again after a 10-minute observation period. No leaks were detected.

The wells were then connected to the laboratory-provided sampling manifold with the one-liter Summa canister and syringe attached. The wells were purged by withdrawing a minimum of three times the volume of the tubing and probe tip at a rate of approximately 150 to 200 milliliters per minute (ml/min), using the syringe. Following purging, the Summa canister valve was opened, allowing the sample to be collected. Sample air passed through a critical orifice contained within the manifold, ensuring that the rate of sampling was approximately 150 to 200 ml/min. During sampling, a shroud containing an atmosphere of 1,1-difluoroethane (1,1-DFA, used as a leak check tracer compound) was used to cover the top of each vapor well. The leak-check atmosphere was applied to the air within the shroud by spraying an aerosol spray duster into the shroud for a period of three seconds. A shroud atmosphere sample, which was collected in a Tedlar bag at one of the sampling locations, was submitted to the laboratory with the soil gas samples, in order to document the approximate concentration of the leak check tracer in the shroud at each location. This allows the effect of any detected leakage between the sample probe and the ambient air to be approximated.

Soil gas samples and the shroud atmosphere sample were labeled and shipped to Calscience Environmental Laboratories (CEL) under chain-of-custody documentation. Soil gas samples were requested to be analyzed by EPA Method TO-15 for the full list of VOCs and for fixed gases including methane, carbon dioxide, oxygen, argon, and nitrogen by ASTM D-1946. The shroud atmosphere sample was analyzed by EPA Method TO-15 for 1,1-DFA only.

7 Investigation Results

The results of soil, soil gas and groundwater sampling are discussed below. Analytical data are summarized in Tables 1 through 5 and sample locations are shown on Figure 3. Laboratory analytical results are provided in Appendix G.

7.1 Soil Sampling Results

Shallow soil sampling results indicate that fill materials at the site are impacted with TPH-D and TPH-MO. At locations SG-3 and SG-4, the concentrations of TPH exceed regulatory criteria for shallow soil at residential sites. PCBs were also detected at locations SG-3 and SG-4 at concentrations that exceed residential criteria. The organochlorine pesticide DDT was detected at four of the five sampling locations, at concentrations that are below residential criteria.

Elevated concentrations of metals (primarily arsenic and lead) were detected at most of the sampling locations, and lead leaching tests indicated that shallow soil at location SG-1 would likely be classified as non-RCRA hazardous waste if removed from the site. Soil sample results are summarized in Tables 1 and 2.

7.2 Groundwater Sampling Results

Groundwater sampling results indicate that site groundwater is impacted with TPH-D and TPH-MO at concentrations that exceed regulatory screening criteria. Groundwater on the western portion of the site (SG-5) is also impacted with VOCs including benzene, ethybenzene, naphthalene, and xylenes at concentrations above residential screening criteria (but below screening criteria for potential vapor intrusion concerns). Benzene concentrations in groundwater that are above residential screening criteria (but below screening criteria for potential vapor intrusion concerns) were also detected at location SG-4.

Elevated concentrations of total metals including antimony, arsenic, barium, cadmium, cobalt, copper, lead, mercury, molybdenum, nickel, silver, vanadium and zinc were detected in site groundwater. Groundwater at locations SG-4 and SG-5 is highly impacted with lead (and copper at SG-5) at concentrations that would exceed hazardous waste criteria if removed from the site. Groundwater sample results are summarized in Tables 3 and 4.

7.3 Soil Gas Sampling Results

VOCs were detected in soil gas samples collected from all five locations at the site. At locations SG-3 and SG-4, benzene was detected at concentrations that are above the California Human Health Screening Level (CHHSL) for shallow soil gas at residential sites.

Methane was detected at a concentration of less than 1% by volume at location SG-3.

1,1-DFA, the leak check tracer compound, was detected at a concentration of 140 micrograms per cubic meter (ug/m^3) in the sample collected at SG-3. Based on the shroud atmosphere sample concentration of 130,000 ug/m3, the effect of the leak was calculated to be approximately 0.001% and is thus not considered to have introduced significant bias to the sample result. Soil gas sample results are summarized in Table 5.

8 Findings, Opinion, and Conclusions

ENVIRON performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of the Nady Systems, Inc. property located at 6701-6707 Shellmound Street in Emeryville, California in April 2013. Any exceptions to, or deletions from, this practice are described in Section 8.3.

8.1 Findings and Opinion

8.1.1 Recognized Environmental Conditions

ENVIRON identified the following "recognized environmental conditions" (RECs) in connection with the property.

- **Soil, Soil Gas and Groundwater Contamination.** The site has been used for various industrial purposes since the late 1940s. Prior operations have included a solid waste landfill (approximately 1947 to 1950s), a label tape and label tape puncher manufacturer (1963-1979) and a lithography and off-set printing manufacturer (1979-1990). These former industrial operations may have included the use and/or disposal of petroleum products, solvents, metals, and other chemicals. The historical handling, disposal, and use of these chemicals were not strictly regulated, controlled, or monitored during the site's early operational history (starting in approximately 1947). Previous environmental investigations at the site, including ENVIRON's investigation in 2013, indicate that elevated concentrations of metals, volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) are present in soil and groundwater at the site. PCBs are also present in soil. During ENVIRON's investigation in 2013, benzene, a VOC, was identified at elevated concentrations in soil gas and groundwater at the site. In addition, lead was also identified in soil and groundwater samples at concentrations above environmental regulatory agency health-based thresholds as well as at concentrations potentially above State and Federal hazardous waste thresholds.

- **Residual Contamination from Prior Environmental Remediation Activities.** Site records indicate that VOCs were previously used and stored on the site in drums and underground storage tanks (USTs) by Mike Roberts Color Production and Dymo Industries. The drum storage area and USTs were removed in the early 1990s. Site documents also indicate that there is residual contamination in soil from fill materials present on the site. Some limited environmental remediation activities were performed at the site from 1990 to 1994 under the oversight of the Alameda County Environmental Health (ACEH) Services Agency. These remediation activities consisted of UST removal, soil excavation in a few "hot spot" locations, groundwater monitoring and soil vapor extraction. On October 20, 1994, a deed notice (included in Appendix D.2) was issued for the site and signed by John Nady. The deed notice stated that:

    1. If soil is excavated, it may be considered hazardous waste under state and federal law;

    2. Groundwater from the site is not usable for domestic, irrigation or industrial purposes;

3. If future construction includes structures extending below the ground level (that being approximately 7 to 10 feet), groundwater generated during dewatering operations will require treatment prior to discharge;

4. An approved Health and Safety Plan will be required by the Alameda County Health Care Services Agency (ACHCSA) prior to any work requiring significant subsurface excavations; and

5. An environmental risk assessment may be required by the ACHCSA if any significant change in land use is proposed.

Subsequently in December 1996, following the completion of groundwater monitoring activities at the site, the ACEH Services Agency issued a conditional site closure letter (included in Appendix D.3) stating that further remediation and/or monitoring related to the former USTs removed from the site is not required but the recorded deed notice must be modified to include the following measures:

1. The shallow groundwater beneath the site shall not be used;
2. Appropriate Health and Safety plans shall be prepared prior to and followed during any activities involving exposure to pollution in soil or groundwater;
3. A health risk assessment shall be required if a change in land use, structural configuration or site activities are proposed such that more conservative scenarios should be evaluated; and
4. Potential vertical conduits between the shallow and deep aquifers shall not be created.

No information was found indicating that the deed notice had been modified to be consistent with the December 1996 conditional closure letter.

- **Open Spills, Leaks Investigation and Cleanup (SLIC) Case.** The site is listed on the SLIC database as being the focus of an open remediation case at the Alameda County Local Oversight Program (LOP). The site status is listed as “Open - Remediation”, with groundwater having been impacted by “other solvent or non-petroleum hydrocarbon”. The listing summarizes the site history from 1963 to the 1990s and references the ACEH website for a more complete historic case file. Based on the closure letter (included in Appendix D.3), it appears that while the Leaking Underground Storage Tank (LUST) case has been closed with a deed restriction, the SLIC case at the site remains open. The most recent regulatory action for this case, as listed on the California Regional Water Quality Control Board (RWQCB) Geotracker website, was a file review conducted in 2012.

8.1.2 Other Findings

In addition to RECs discussed above, the following additional findings related to potential contamination concerns were identified:

- **Potential Migration of Contamination from Off-site Properties.** The site is located in the presumed downgradient direction from, and/or is adjacent to, several off-site properties listed with open database listings related to potential soil and groundwater contamination. These off-site properties include Metalco (listed on ENVIROSTOR database as needing evaluation), McGrath Steel (listed on LUST database as Open – Assessment), and the Richardson/Sybase and Mussallem/Sybase site (listed on the LUST database as Open – Assessment). The Richardson/Sybase and Mussallem/Sybase property is adjacent to the south of the site, and the other off-site properties are located within approximately 300 to 1,000 feet from the subject site. There has been no apparent regulatory impetus to investigate whether contamination from these properties has migrated to the subject site. If contamination associated with these off-site properties is found to have migrated onto the subject site, it is expected that any remedial activities would be the responsibility of the entities named in the listings or other designated responsible party and not the owner of 6701-6707 Shellmound Street (site).

8.1.3 *De Minimis* Conditions

ENVIRON did not identify any *de minimis* conditions during the course of this assessment.

8.2 Conclusions

ENVIRON has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of the Nady Systems, Inc. property located at 6701-6707 Shellmound Street in Emeryville, California. Any exceptions to, or deletions from, this practice are described in Section 8.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, except for those described in Section 8.1.

8.3 Analysis of Data Gaps

The ASTM Standard defines a data gap as “a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.” A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps.

Site reconnaissance deviations, deletions, limitations, and exceptions, to the ASTM Standard for the assessment are discussed below.

- Due to extended age of the site, it was not possible to interview representatives dating back to the site’s first developed industrial [commercial] use in approximately 1947. However, ENVIRON conducted interviews with representatives of Nady Systems Inc. dating back to 1990 and reviewed other historical sources regarding former uses of the property
- During the site visit, several of the mezzanine-level rooms in the office and warehouse buildings were off-limits during the site reconnaissance due to the potential presence of mold related to water intrusion issues. Some unused areas of the warehouse building

were without power and/or lights and ENVIRON did not fully observe these areas. Lastly, several rooms in the office and warehouse buildings, including the maintenance area in the warehouse building, contained numerous boxes and other stored items, which prevented ENVIRON from observing the floor and/or walls of these areas. The contents of stored boxes and other items in these areas were not inspected. In addition, ENVIRON did not observe the roof of the buildings.

- In lieu of conducting interviews with a local regulatory official, ENVIRON submitted formal document requests to regulatory agencies and reviewed information provided in response to those requests.
- As it is a user requirement, ENVIRON did not conduct a review of records to identify whether any environmental liens or activity and use limitations (AULs) have been imposed on the site.

None of the exceptions, deletions, deviations, or site reconnaissance limitations noted above are considered to represent significant data gaps.

9 References

9.1 Documents

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URS. 2005. *Final Report, Geotechnical Characterization, 6701 Shellmound Street/Bay Street, Emeryville, California.* October 7.

9.2 Interviews

John Nady. Nady Systems, Inc. 2013. Personal interview. April 9.

Toby Nady. Nady Systems, Inc. 2013. Personal interview. April 9.

Tables

Table 1 - Organics in Soil
2013 Subsurface Investigation by ENVIRON
Nady Systems

Borehole ID	Sample Depth	TPH (mg/kg)		Pesticides and PCBs (mg/kg)		
		TPH-Diesel	TPH-Motor Oil	DDT	Arochlor 1260	Total PCBs
SG-1	3.5-4.0	**43**	**250**	**0.03**	ND < 0.5	ND < 0.5
SG-2	3.0-3.5	**43**	**340**	**0.068**	ND < 1.0	ND < 1.0
SG-3	3.5-4.0	**290**	**1,400**	**0.25**	**14**	**14**
SG-4	3.5-4.0	**200**	**400**	**0.42**	**8**	**8**
SG-5	4.5-5.0	**33**	**290**	ND < 0.020	ND < 1.0	ND < 1.0
CHHSL - Residential [1]		*na*	*na*	*1.6*	*0.089*	*0.089*
ESL - Shallow Soil, Residential, Non-Drinking Water Resource [2]		*100*	*500*	*1.7*	*0.22*	*0.22*

Notes:
exceeds regulatory criteria
Only detected compounds are shown.
Detections are in **bold**.
CHHSL: California Human Health Screening Level
DDT: dichlorodiphenyltrichloroethane
ESL: Environmental Screening Level
mg/kg: milligrams per kilogram
na: not available
ND < ##: Not detected at or above laboratory reporting limit shown
NDW: Non-Drinking Water Resource Area
PCBs: Polychlorinated Biphenyls
TPH: Total Petroleum Hydrocarbons
1. California EPA, 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties* . January.
2. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)* . February.

Table 2 - Metals in Soil
2013 Subsurface Investigation by ENVIRON
Nady Systems

Borehole ID	Sample Depths	Metals (mg/kg, except where noted)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Lead - STLC (mg/L)	Lead - TCLP (mg/L)	Mercury	Molybdenum	Nickel	Silver	Vanadium	Zinc
SG-1	3.5-4.0	**5.2**	**11**	**280**	ND < 0.5	**1**	**100**	**22**	**480**	**990**	**12**	ND<0.2	**0.2**	**4.2**	**220**	**0.6**	**60**	**490**
SG-2	3.0-3.5	**1.9**	**12**	**160**	**0.51**	**0.84**	**50**	**11**	**88**	**120**	**4**	ND<0.2	**0.36**	**1.3**	**63**	ND < 0.5	**50**	**220**
SG-3	3.5-4.0	**8.9**	**7.3**	**230**	ND < 0.5	**0.94**	**54**	**9.3**	**160**	**830**	--	--	**0.2**	**1.3**	**51**	ND < 0.5	**49**	**240**
SG-4	3.5-4.0	**2.6**	**6.9**	**170**	ND < 0.5	**0.82**	**68**	**14**	**78**	**130**	--	--	**0.32**	**2.9**	**83**	ND < 0.5	**45**	**440**
SG-5	4.5-5.0	**1**	**9.9**	**120**	ND < 0.5	**0.44**	**44**	**7.3**	**44**	**75**	--	--	**0.12**	**0.5**	**34**	ND < 0.5	**41**	**97**
CHHSL - Residential [1]		*30*	*0.07*	*5,200*	*150*	*1.7*	*10,000*	*660*	*3,000*	*150*	*N/A*	*N/A*	*18*	*380*	*1,600*	*380*	*530*	*23,000*
ESL - Shallow Soil, Residential, Non-Drinking Water Resource [2]		*20*	*0.39*	*750*	*4*	*12*	*750*	*0.33*	*230*	*80*	*N/A*	*N/A*	*6.7*	*40*	*150*	*20*	*200*	*600*

Notes:
exceeds regulatory criteria
exceeds California hazardous waste criteria
Only detected compounds are shown.
Detections are in **bold**.
mg/kg: milligrams per kilogram
mg/L: milligrams per liter
N/A: Not Applicable
--: not analyzed
ND < ##: Not detected at or above laboratory reporting limit shown
CHHSL: California Human Health Screening Level
ESL: Environmental Screening Level
NDW: Non-Drinking Water Resource Area
STLC: Soluble Threshold Limit Concentration
TCLP: Toxicity Characteristic Leaching Procedure
1. California EPA, 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties* . January.
2. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)* . February.

Table 3 - Organics in Groundwater
2013 Subsurface Investigation by ENVIRON
Nady Systems

Location ID	Depth to Water (ft bgs)	Observations	TPH (ug/L)		VOCs (ug/L)															
			TPH-Diesel	TPH-Motor Oil	Benzene	TBA	n-Butyl Benzene	sec-Butyl Benzene	Carbon disulfide	Chloro-benzene	Ethyl-benzene	cis-1,2-DCE	Isopropyl-benzene	4-isopropyl toluene	Naph-thalene	n-Propyl benzene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes
SG-1	10.75	Gray color, no odor	920	5,600	ND < 0.5	ND < 2.0	ND < 0.5	ND < 0.5	**1.1**	**4.4**	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5
SG-4	11.75	Black color, strong H2S odor	4,700	12,000	**2**	**2.3**	ND < 0.5	**1.3**	**3.9**	ND < 0.5	ND < 0.5	**0.69**	**1.1**	ND < 0.5	ND < 0.5	ND < 0.5	**0.54**	ND < 0.5	ND < 0.5	ND < 0.5
SG-5	10.29	Black color, sheen, H2S odor	58,000	9,500	**8.1**	ND < 20	**32**	**38**	ND < 5.0	ND < 5.0	**45**	ND < 5.0	**67**	**13**	**84**	**87**	ND < 5.0	**350**	**24**	**59**
California MCL - Drinking Water[1]			*na*	*na*	*1*	*na*	*na*	*na*	*na*	*100**	*300*	*6*	*na*	*na*	*na*	*na*	*150*	*na*	*na*	*1,750*
ESL - Groundwater[2]			*100*	*100*	*1*	*12*	*na*	*na*	*na*	*25*	*30*	*6*	*na*	*na*	*6.2*	*na*	*40*	*na*	*na*	*20*
ESL - Evaluation of Potential Vapor Intrusion Concerns, Residential[2]			*na*	*na*	*27*	*na*	*na*	*na*	*na*	*na*	*310*	*na*	*na*	*na*	*160*	*na*	*95,000*	*na*	*na*	*37,000*

Notes:
exceeds regulatory criteria
Only detected compounds are shown.
Detections are in **bold**.
bgs: below ground surface
DCE: dichloroethene
ESL: Environmental Screening Level
H2S: hydrogen sulfide
ug/L: micrograms per liter
na: not available
ND < ##: Not detected at or above laboratory reporting limit shown
NDW: Non-Drinking Water Resource Area
TBA: t-Butyl alcohol
TPH: Total Petroleum Hydrocarbons
VOCs: Volatile Organic Compounds
1. California Department of Public Health, 2013. *California Maximum Contaminant Levels (MCLs)*. March.
2. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)*. February.
*: indicates USEPA MCL, shown for compounds that have a federal MCL but do not have a California MCL.

Table 4 - Metals in Groundwater
2013 Subsurface Investigation by ENVIRON
Nady Systems

Location ID	Depth to Water (ft bgs)	Observations	Total Metals (ug/L)													
			Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Vanadium	Zinc
SG-1	10.75	Gray color, no odor	ND < 50	**210**	**12,000**	ND < 25	**4,100**	**820**	**4,200**	**2,700**	**2.7**	**77**	**4,600**	ND < 19	**2,100**	**5,900**
SG-4	11.75	Black color, strong H2S odor	**150**	**650**	**23,000**	**210**	**1,400**	**210**	**8,300**	**26,000**	**130**	**270**	**1,600**	**19**	**480**	**78,000**
SG-5	10.29	Black color, sheen, H2S odor	**94**	**1,600**	**25,000**	**320**	**1,800**	**490**	**34,000**	**60,000**	**52**	**180**	**2,700**	**53**	**1,900**	**160,000**
California MCL - Drinking Water[1]			*6*	*10*	*1,000*	*5*	*50*	*na*	*1,300*	*15*	*2*	*na*	*100*	*na*	*na*	*na*
ESL - Groundwater[2]			*6*	*36*	*1,000*	*0.25*	*50*	*3*	*3.1*	*2.5*	*0.025*	*180*	*8.2*	*0.19*	*15*	*81.0*
STLC - California Hazardous Waste Criteria			*15,000*	*5,000*	*100,000*	*1,000*	*5,000*	*80,000*	*25,000*	*5,000*	*200*	*350,000*	*20,000*	*5,000*	*24,000*	*250,000*

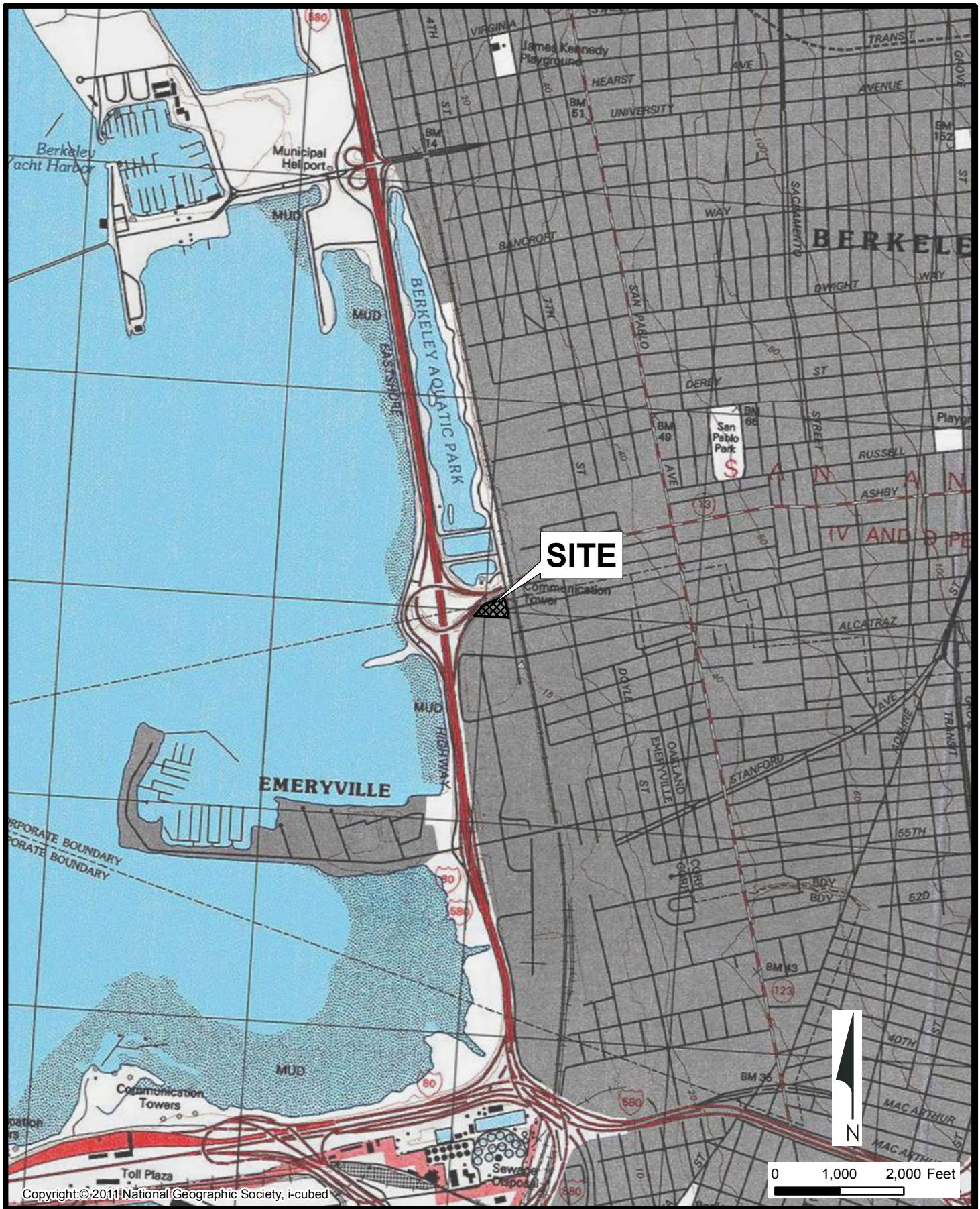
Notes:
exceeds regulatory criteria
exceeds hazardous waste and regulatory criteria
Only detected compounds are shown.
Detections are in **bold**.
bgs: below ground surface
ug/L: micrograms per liter
H2S: hydrogen sulfide
na: not available
ND < ##: Not detected at or above laboratory reporting limit showr
STLC: Soluble Threshold Limit Concentration
1. California Department of Public Health, 2013. *California Maximum Contaminant Levels (MCLs)*. March.
2. San Francisco Bay Regional Water Quality Control Board, 2013. *2013 Tier 1 ESL Lookup Tables*. February.

Table 5 - VOCs and Fixed Gases in Soil Gas
2013 Subsurface Investigation by ENVIRON
Nady Systems

		VOCs (ug/m^3)															Fixed Gases (% by volume)			
Location ID	**Depth to Water (ft bgs)**	**Acetone**	**Benzene**	**Chloro-methane**	**Ethyl-benzene**	**4-Ethyl-toluene**	**2-Butanone (MEK)**	**PCE**	**TCE**	**Toluene**	**1,2,4-Trimethyl-benzene**	**1,3,5-Trimethyl-benzene**	**cis-1,2-DCE**	**o-Xylene**	**p/m-Xylene**	**1,1-DFA (Leak Check)**	**Methane**	**Carbon Dioxide**	**Oxygen and Argon**	**Nitrogen**
SG-1	10.75	ND < 7.2	**8.6**	ND < 1.6	ND < 3.3	ND < 3.7	ND < 6.7	ND < 5.2	ND < 4.1	**3.4**	ND < 11	ND < 3.7	ND < 3.0	ND < 3.3	ND < 13	ND < 8.2	ND < 0.5	**8.49**	**8.9**	**82.6**
SG-2	--	ND < 13	ND < 4.5	ND < 2.9	ND < 6.1	**13**	ND < 12	ND < 9.6	ND < 7.6	ND < 5.3	**37**	**16**	ND < 5.6	ND < 6.1	ND < 24	ND < 15	ND < 0.5	**10.7**	**12**	**77.2**
SG-3	--	ND < 38	**73**	ND < 8.3	ND < 17	ND < 20	ND < 35	**30**	ND < 21	**18**	ND < 59	ND < 20	**24**	ND < 17	ND < 69	**140**	**0.864**	ND < 0.5	**19.9**	**79.3**
SG-4	11.75	**19**	**37**	**2.4**	**4.6**	ND < 3.6	**7.7**	ND < 4.9	**9.6**	**16**	ND < 11	ND < 3.6	ND < 2.9	**5.8**	**16**	ND < 7.8	ND < 0.5	**9.52**	**11.4**	**79.1**
SG-5	10.29	**19**	**9.5**	ND < 1.7	**6.2**	ND < 4.0	ND < 7.3	ND < 5.6	**9.1**	**6.1**	ND < 12	ND < 4.0	ND < 3.3	**12**	**26**	ND < 8.9	ND < 0.5	**8.5**	**13.6**	**77.9**
SG-2-Shroud	N/A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**130,000**	--	--	--	--
Shallow Soil Gas CHHSL - Residential [1]		*na*	*36.2*	*na*	*na*	*na*	*na*	*180*	*528*	*135,000*	*na*	*na*	*15,900*	*315,000*	*317,000*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*

Notes:
exceeds regulatory criteria
Only detected compounds are shown.
Detections are in **bold**.
na: not available
N/A: not applicable
ND < ##: Not detected at or above laboratory reporting limit shown
--: not analyzed
bgs: below ground surface
CHHSL: California Human Health Screening Level
DCE: dichloroethene
DFA: difluoroethane
PCE: tetrachloroethene
TCE: trichloroethene
ug/m^3: micrograms per cubic meter
1. California EPA, 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties* . January.

Figures



ENVIRON

Site Location
6707 Bay Street
Emeryville, California

Figure
1

Drafter:	RS	Date: 6/25/2013	Contract Number:	03-32356A	Approved:	Revised:

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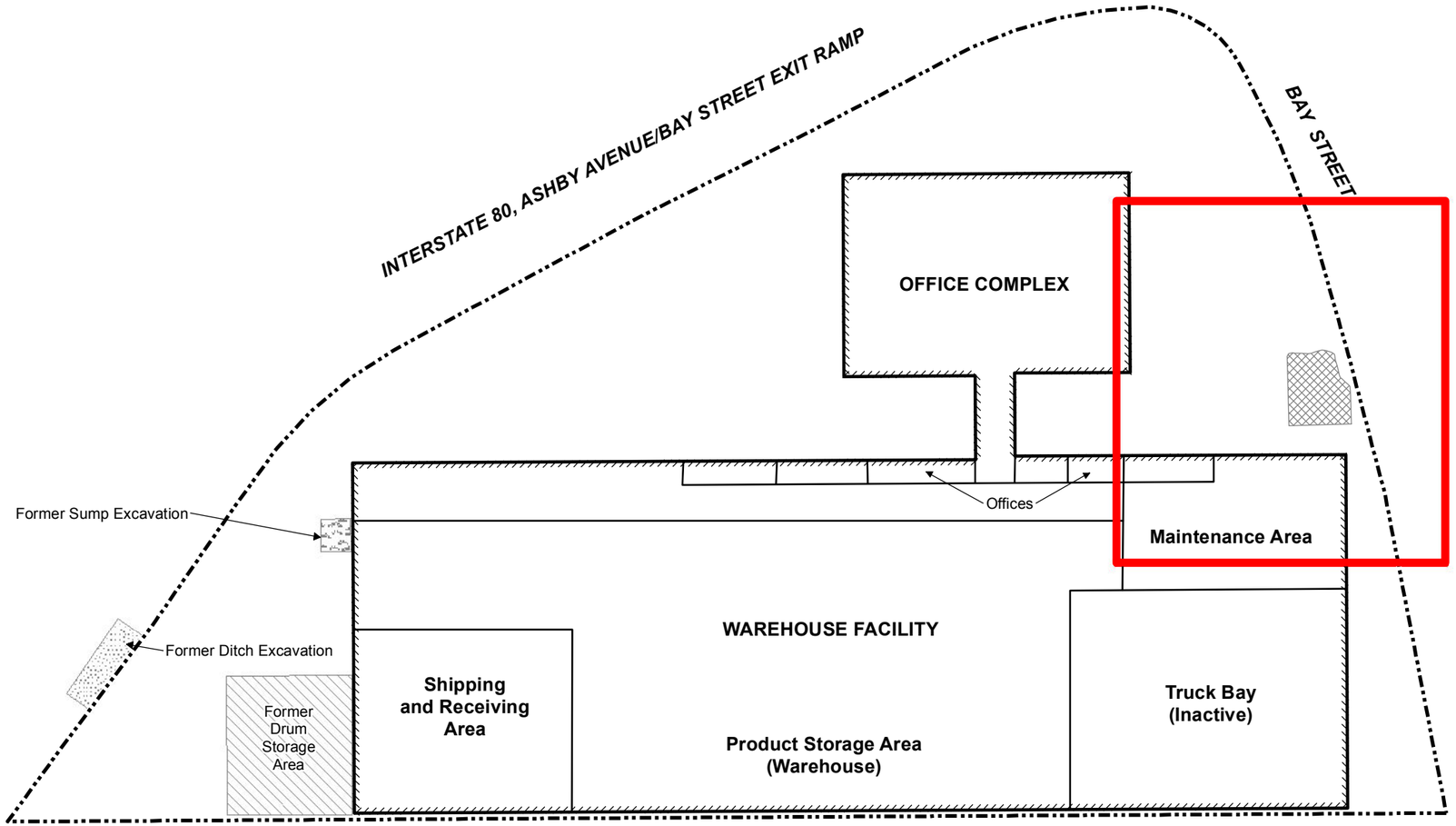

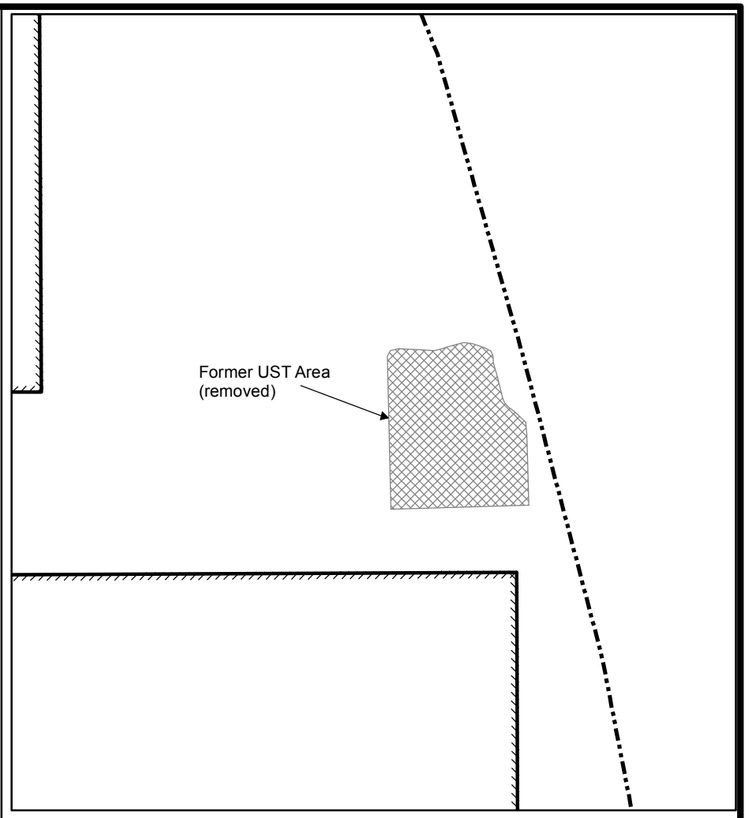

Legend

- Building
- Property Line
- Approximate Extent of Previous Tank Excavation
- Wall

Note: Interior building dimensions are approximate.

N

0 50 100

SCALE IN FEET

ENVIRON

Site Layout
6707 Bay Street
Emeryville, California

Date:	Contract Number:		Figure
4/29/13	03-32356A		2
Drafter: RS	Approved:	Revised:	

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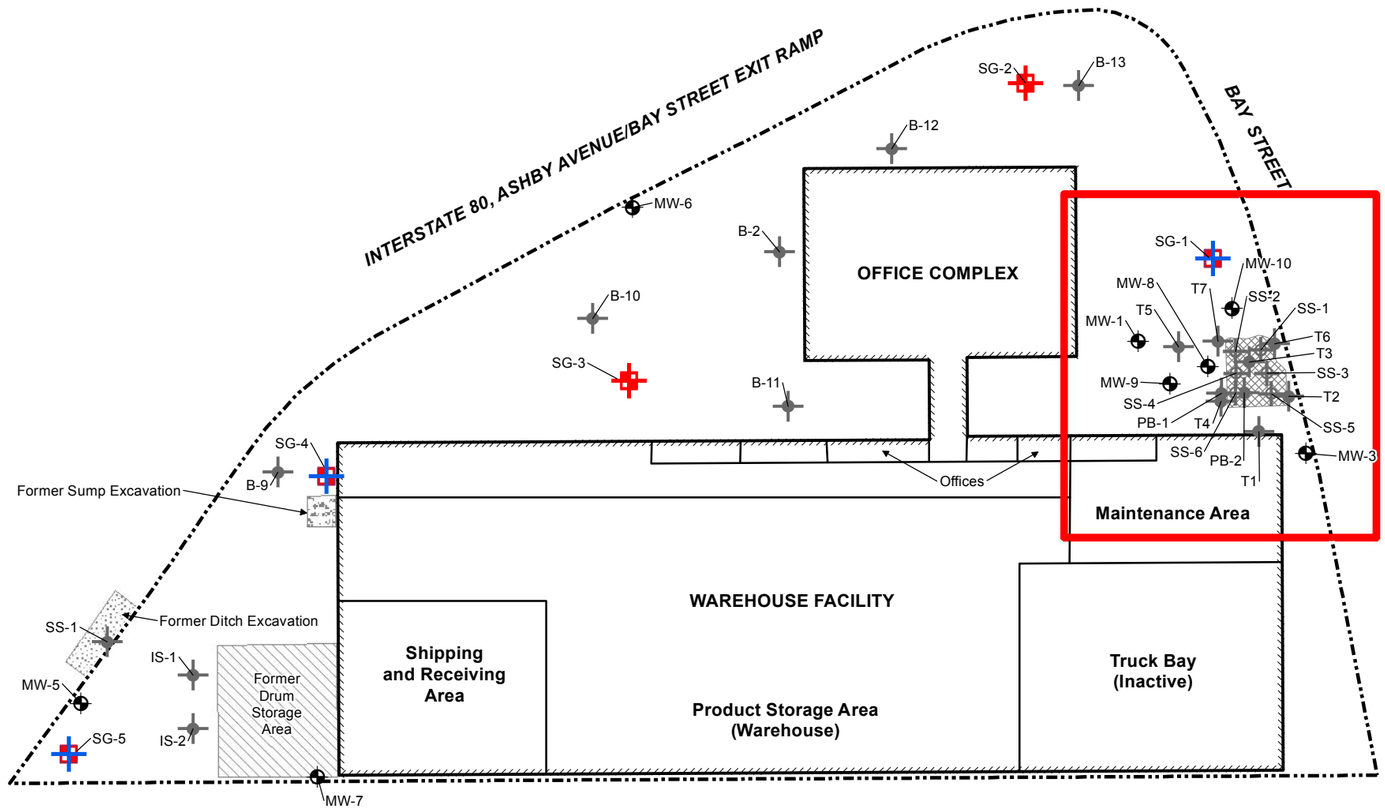

Legend

- Soil, Soil Gas and Groundwater Sampling Location
- Soil Gas and Soil Sampling Location
- Monitoring Well
- Historical Test Boring
- Historical Confirmation Sample from Tank Excavation
- Wall
- Building
- Property Line
- Approximate Extent of Previous Tank Excavation

Note: Interior building dimensions are approximate.

N

0 50 100

SCALE IN FEET

ENVIRON

Soil, Soil Gas, and Groundwater Sampling Locations
6707 Bay Street
Emeryville, California

Date:	Contract Number:		Figure
4/29/13	03-32356A		3
Drafter: RS	Approved:	Revised:	

Path: Q:\DRAWINGS\03323356A\03323356A-PropSoilSampLocation.mxd

Appendix A

Site Photographs

Photo 1: Looking north from site entrance along Shellmound Street.

Photo 2: Looking east from site entrance across Shellmound Street at Coulter Steel & Forge Company.

Photo 3: Looking south from site entrance along Shellmound Street.

Photo 4: Looking west from western site boundary at Highway 80 Ashby Avenue off-ramp.

Photo 5: Looking northwest at the eastern wall of the warehouse building.

Photo 6: Looking east from the central site parking area at the rear of the office building.

Photo 7: Looking south from the rear parking area of the site. The western wall of the warehouse is to the left. In background is the adjacent building to the south.

Photo 8: Four 55-gallon drums stored at the southwest corner of the warehouse building. According to facility personnel, the drums are from a previous environmental investigation at the site. Drum without lid appeared to contain soil.

Photo 9: Floor of maintenance area in warehouse building. Floor staining appeared to have been caused by water intrusion.

Photo 10: Desk and shelves in maintenance area in warehouse building with various retail-sized containers of paint, paint thinner, paint remover, polyurethane, and cleaning products.

Photo 11: Workshop in maintenance area of warehouse building.

Photo 12: Central product storage and packing area in warehouse building.

Photo 13: Shipping and receiving area in warehouse building.

Photo 14: Shipping and receiving door at west side of warehouse building, with propane-powered forklift.

Photo 15: Hydraulic system equipment in unused area of warehouse building.

Photo 16: Two trucks in unused truck bay area of warehouse building.

Photo 17: Underground utility clearance activities conducted prior to soil, soil gas, and groundwater sampling.

Photo 18: Looking west at drill rig positioned at location SG-5.

Photo 19: Black-colored soil and groundwater observed within the saturated zone at SG-5.

Photo 20: Black-colored groundwater being sampled at location SG-4.

Photo 21: Semi-permanent soil vapor well at location SG-1 after installation.

Photo 22: Soil gas sampling equipment and leak detection shroud (plastic container) at location SG-5.

Appendix B

Environmental Database Report

EDR conducted its searches for the standard environmental record sources and the minimum search distances, as specified by the ASTM Standard. The ASTM Standard uses the terminology “approximate minimum search distance” to refer to the radii searched in the environmental database report.

EDR conducted the search of environmental databases in March 2013. Because the environmental databases themselves are sometimes not updated by the specific regulatory agencies for periods of up to one year or more (depending on the database and the state), the database search conducted herein will not necessarily list any facility or site for which an environmental investigation/listing has been initiated subsequent to the last update.

Appendix C

Historical Research Documentation

Appendix C.1

Topographic Maps

Nady Systems
6707 Bay Street A.K.A. 6701 Shellmound Street
Emeryville, CA 94608

Inquiry Number: 3559167.4
March 27, 2013

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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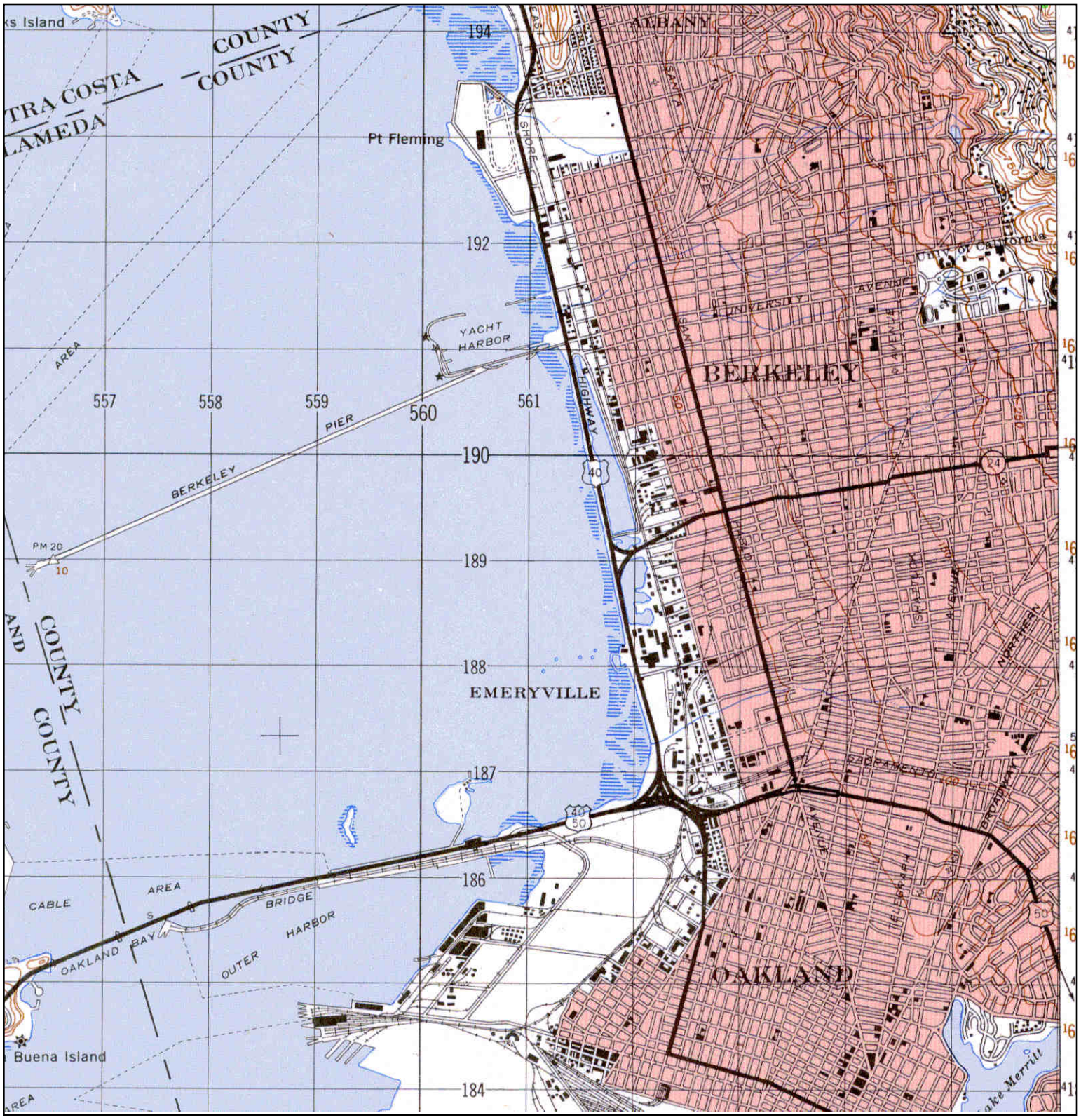
Historical Topographic Map

N	TARGET QUAD NAME: SAN FRANCISCO MAP YEAR: 1895 SERIES: 15 SCALE: 1:62500	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map

N	TARGET QUAD NAME: SAN FRANCISCO MAP YEAR: 1915 SERIES: 15 SCALE: 1:62500	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map

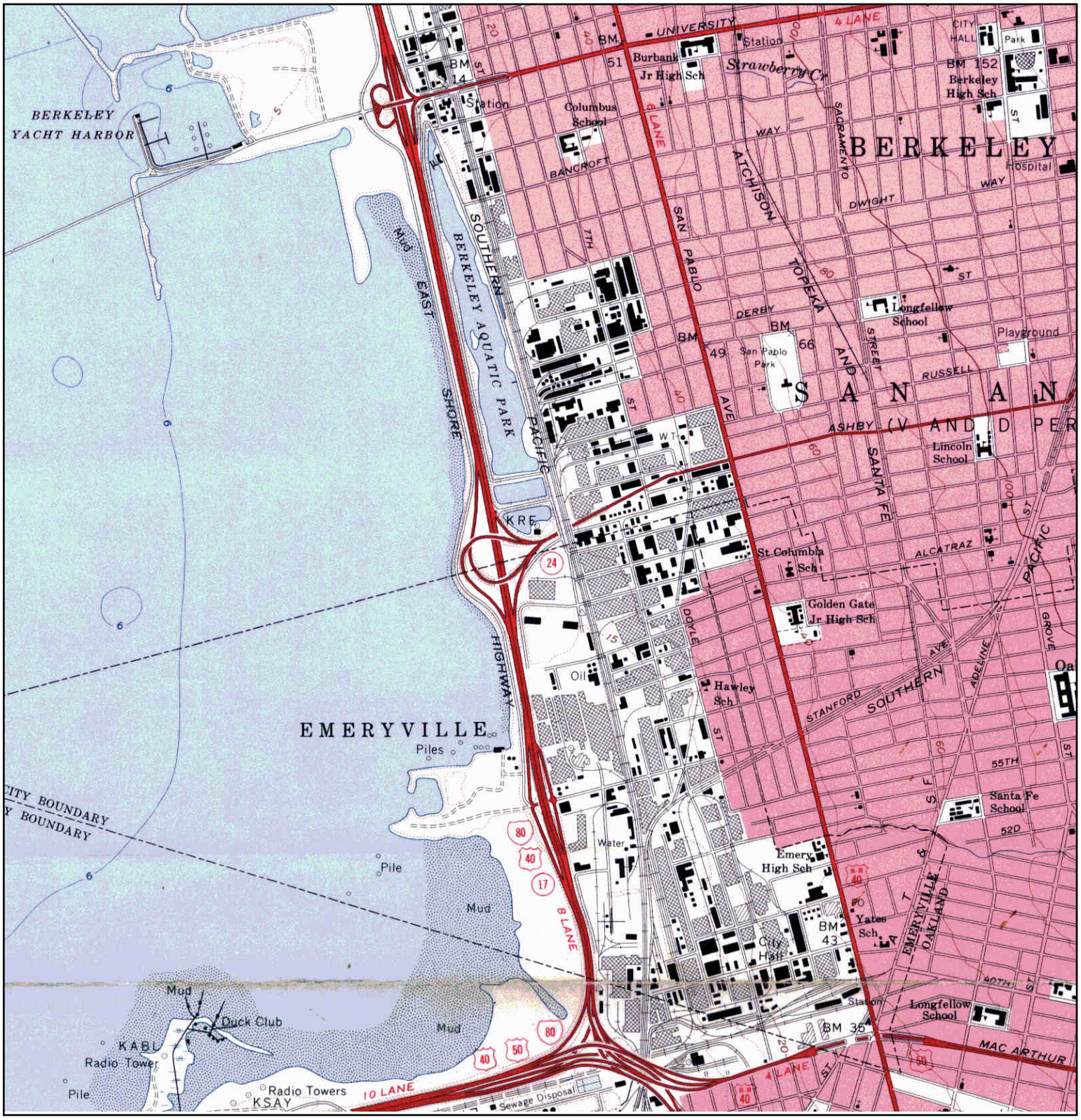


N	TARGET QUAD NAME: SAN FRANCISCO MAP YEAR: 1948 SERIES: 15 SCALE: 1:50000	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map

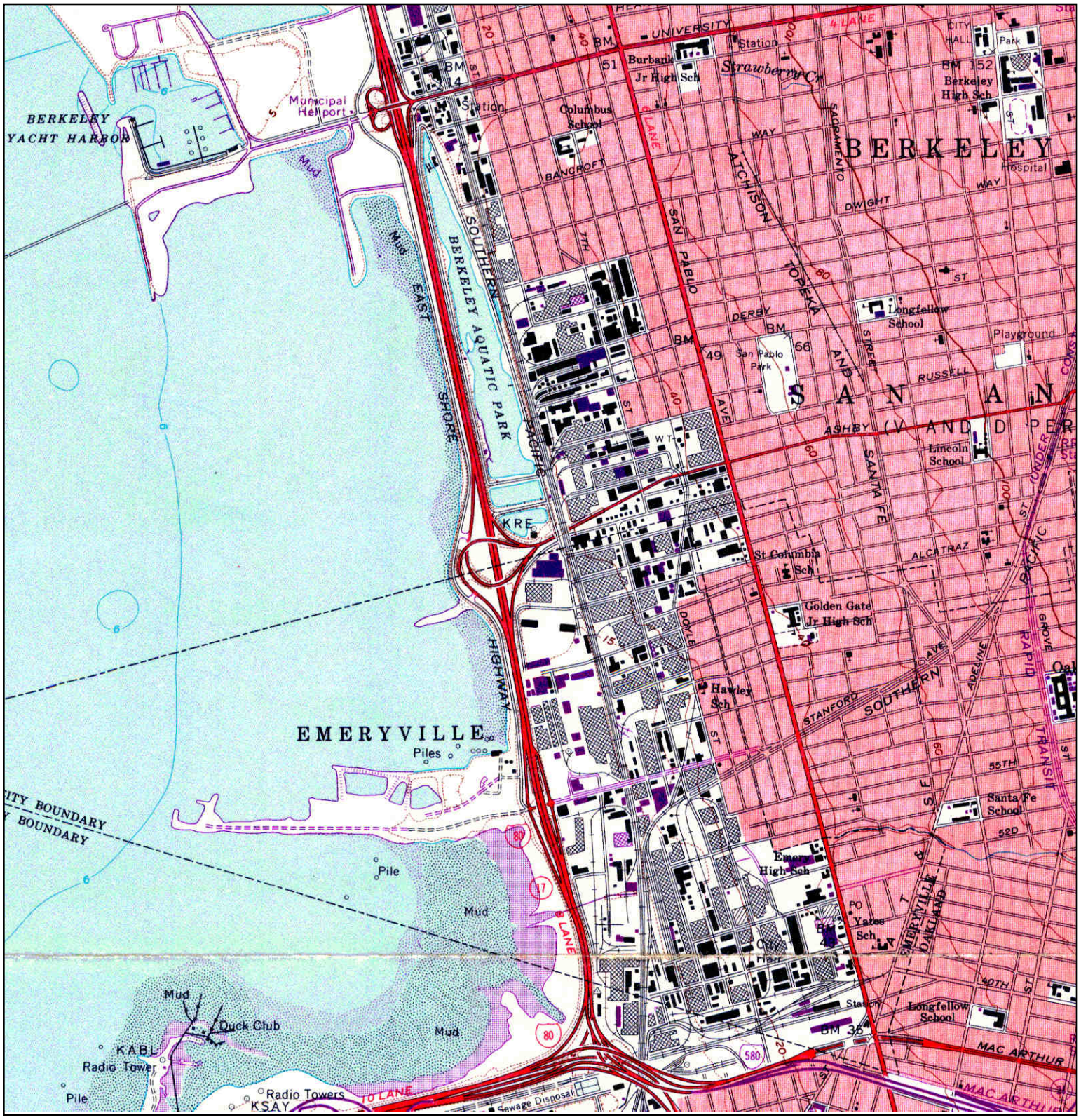
N	TARGET QUAD NAME: OAKLANDWEST MAP YEAR: 1949 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map



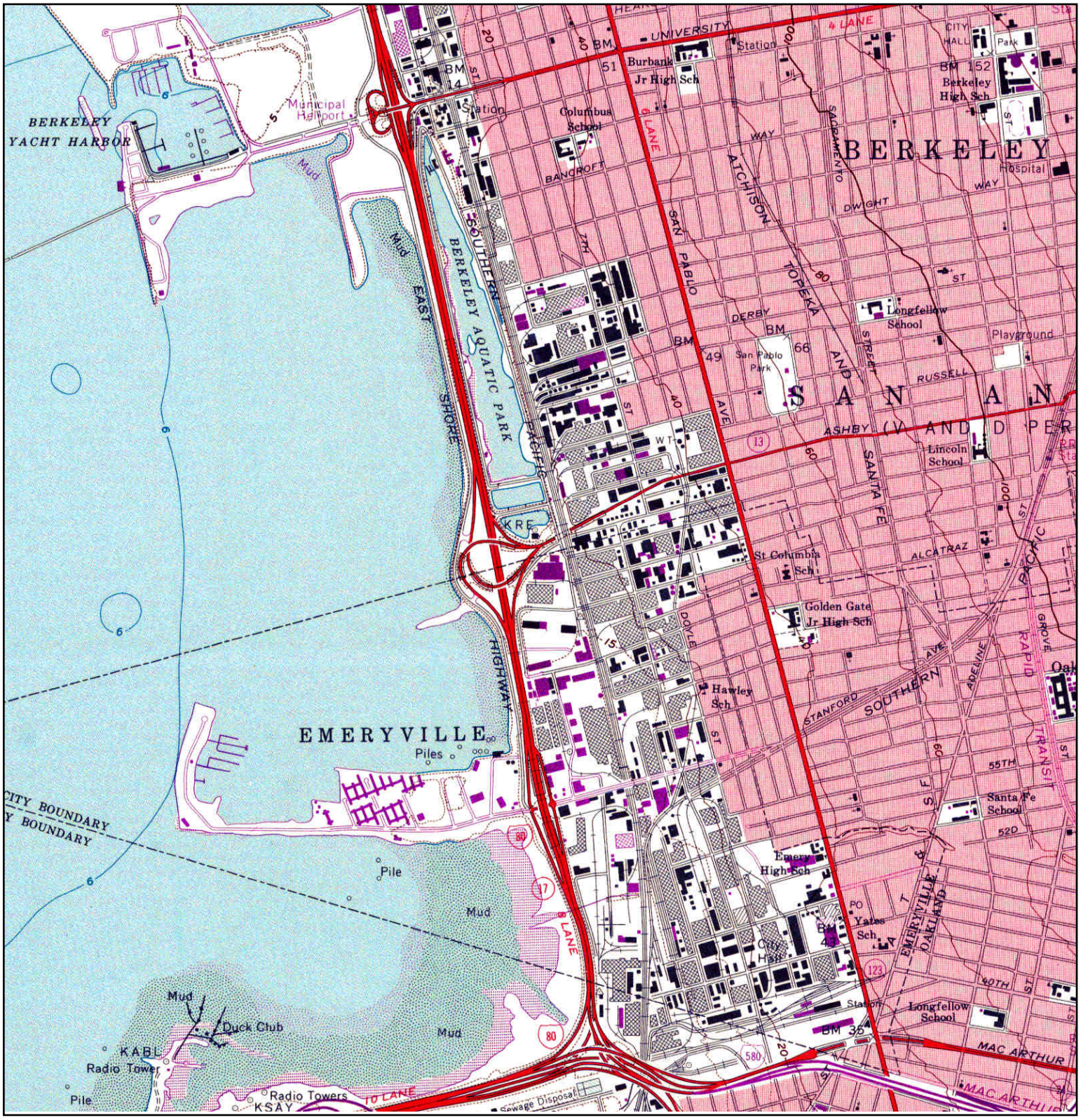
N	TARGET QUAD NAME: OAKLANDWEST MAP YEAR: 1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map



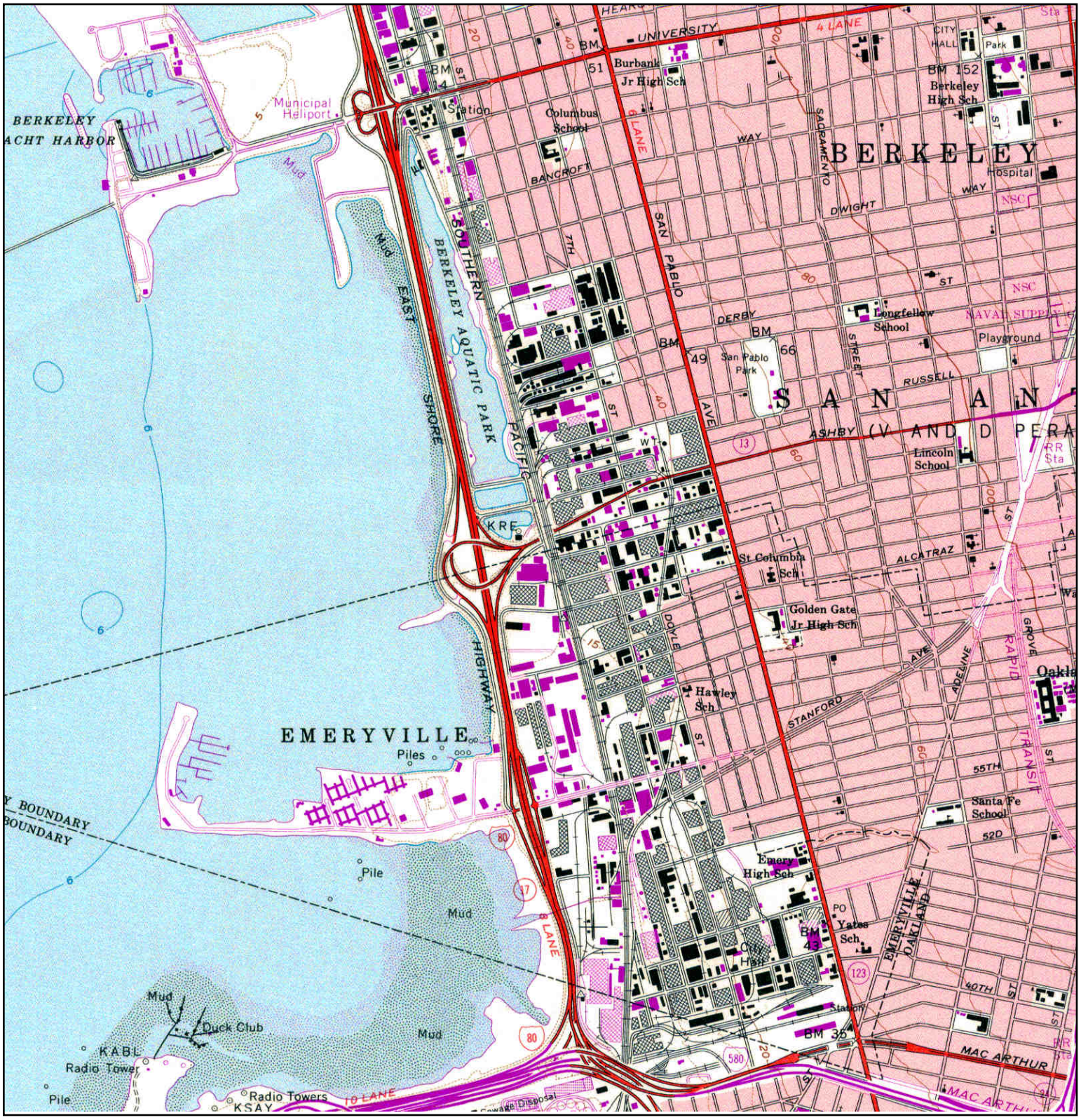
N	TARGET QUAD NAME: OAKLANDWEST MAP YEAR: 1968 PHOTOREVISED FROM :1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map



N	TARGET QUAD NAME: OAKLANDWEST MAP YEAR: 1973 PHOTOREVISED FROM :1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Historical Topographic Map



N	TARGET QUAD				
	NAME:	OAKLANDWEST	SITE NAME:	Nady Systems	CLIENT: ENVIRON International Corporation
	MAP YEAR:	1980	ADDRESS:	6707 Bay Street A.K.A. 6701 Shellmound Street	CONTACT: Dan Clark
	PHOTOREVISED FROM:	1959		Emeryville, CA 94608	INQUIRY#: 3559167.4
	SERIES:	7.5	LAT/LONG:	37.8482 / -122.2952	RESEARCH DATE: 03/27/2013
	SCALE:	1:24000			

Historical Topographic Map

N	TARGET QUAD NAME: OAKLAND WEST MAP YEAR: 1993 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Nady Systems ADDRESS: 6707 Bay Street A.K.A. 6701 Shellmound Street Emeryville, CA 94608 LAT/LONG: 37.8482 / -122.2952	CLIENT: ENVIRON International Corporation CONTACT: Dan Clark INQUIRY#: 3559167.4 RESEARCH DATE: 03/27/2013

Appendix C.2

Aerial Photographs

Appendix C.3

Abstract of City Directories

Nady Systems
6707 Bay Street A.K.A. 6701 Shellmound Street
Emeryville, CA 94608

Inquiry Number: 3559167.6
March 27, 2013

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2012	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2007	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	X	X	X	-
2002	R. L. Polk & Co.	-	-	-	-
2000	Pacific Bell	-	X	X	-
1996	PACIFIC BELL DIRECTORY	-	X	X	-
1993	Pacific Bell	-	-	-	-
1992	PACIFIC BELL DIRECTORY	-	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1986	PACIFIC BELL WHITE PAGES	-	X	X	-
1984	Pacific Bell	-	-	-	-
1982	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1979	Pacific Telephone	-	-	-	-
1976	Pacific Telephone	-	-	-	-
1975	Pacific Telephone	-	X	X	-
1973	Pacific Telephone	-	-	-	-
1970	Pacific Telephone Directory	-	X	X	-
1967	R. L. Polk & Co.	-	X	X	-
1965	R. L. Polk & Co.	-	X	X	-
1962	Pacific Telephone	-	X	X	-
1960	Pacific Telephone	-	-	-	-
1959	R. L. Polk & Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1956	Pacific Telephone	-	-	-	-
1955	The Pacific Telephone & Telegraph Co.	-	X	X	-
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	X	X	-
1946	R. L. Polk & Co.	-	-	-	-
1945	The Pacific Telephone & Telegraph Co.	-	X	X	-
1943	R. L. Polk & Co.	-	X	X	-
1940	R. L. Polk & Co.	-	-	-	-
1938	Pacific Telephone	-	X	X	-
1933	R. L. Polk & Co.	-	X	X	-
1932	R. L. Polk & Co. of California	-	-	-	-
1928	R.L. Polk and Co of California	-	X	X	-
1926	R. L. Polk & Co.	-	-	-	-
1925	R. L. Polk & Co. of California	-	X	X	-
1920	R. L. Polk & Co. of California	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
6601 Shellmound Street	Client Entered	X
1494 67th Street	Client Entered	X
1490 66th Street	Client Entered	X
1451 66th Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

6707 Bay Street A.K.A. 6701 Shellmound Street
Emeryville, CA 94608

FINDINGS DETAIL

Target Property research detail.

SHELLMOUND ST

6701 SHELLMOUND ST

Year	*Uses*	*Source*
2012	NADY SYSTEMS INCORPORATED	Cole Information Services
2007	NADY SYSTEMS INC	Cole Information Services
2006	NADYSYSTEMS INC	Haines Company, Inc.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

66TH

1501 66TH

Year	Uses	Source
1950	WERNER FRED H CONCRT PRODS	The Pacific Telephone & Telegraph Co.

66TH AV LO CKHAVN

1490 66TH AV LO CKHAVN

Year	Uses	Source
1950	MEHLHOFF JACOB R	The Pacific Telephone & Telegraph Co.

66TH AVN 5

1484 66TH AVN 5

Year	Uses	Source
1986	Jones Athelean	PACIFIC BELL WHITE PAGES
	Jones Augustus J	PACIFIC BELL WHITE PAGES

66TH AVSW EETWOOD

1478 66TH AVSW EETWOOD

Year	Uses	Source
1950	JOHSNSTON DAVID T R	The Pacific Telephone & Telegraph Co.

66TH AVTR INLDAD

1482 66TH AVTR INLDAD

Year	Uses	Source
1950	RAYMOND EDWIN F R	The Pacific Telephone & Telegraph Co.

66TH EMVL

1480 66TH EMVL

Year	Uses	Source
1980	Class S	Pacific Telephone

FINDINGS

1490 66TH EMVL

Year	Uses	Source
1980	Zimms Stores Inc	Pacific Telephone

66TH ST

1451 66TH ST

Year	Uses	Source
2012	CLIF BAR	Cole Information Services
	CLIF BAR & COMPANY	Cole Information Services
	CLIF BAR & COMPANY	Cole Information Services

1470 66TH ST

Year	Uses	Source
1928	h Simon lab R	R.L. Polk and Co of California

1472 66TH ST

Year	Uses	Source
2012	CALSTEAM	Cole Information Services
2007	CAL STEAM EAST BAY	Cole Information Services
2006	CAL STEAM EAST	Haines Company, Inc.
1996	CAL STEAM EAST BAY	PACIFIC BELL DIRECTORY

1475 66TH ST

Year	Uses	Source
2012	YUN MOO SOO INS AGT	Cole Information Services
	STATE FARM INSURANCE	Cole Information Services
2007	STATE FARM INSURANCE CO	Cole Information Services
	STATE FARM MUTUAL AUTO INSURANCE CO	Cole Information Services

1476 66TH ST

Year	Uses	Source
1967	DYMO PRODUCTS CO WHSE	R. L. Polk & Co.
1955	CHROMATIC TELEVISION LABORATORIES INC EMERYVILLE	The Pacific Telephone & Telegraph Co.

1480 66TH ST

Year	Uses	Source
2012	HOBART SALES COMPANY INC	Cole Information Services
	IOH INCORPORATED	Cole Information Services
2007	STEVE GERSTMAN SERVICES	Cole Information Services

FINDINGS

Year	Uses	Source
2007	HOBART BROTHERS & ASSOCIATES	Cole Information Services
2006	COMPANY INC	Haines Company, Inc.
	GACOWESTERN	Haines Company, Inc.
	ARCHITECTURAL	Haines Company, Inc.
	GACOWESTERN	Haines Company, Inc.
	ARCHITECTURAL	Haines Company, Inc.
	GERSTMAN STEVE	Haines Company, Inc.
	SERVICES	Haines Company, Inc.
	GERSTMAN STEVE	Haines Company, Inc.
	SERVICES	Haines Company, Inc.
	HOBART SALES	Haines Company, Inc.
	COMPANY INC	Haines Company, Inc.
	HOBART SALES	Haines Company, Inc.
1996	AZTEC HARVEST COFFEE CO	PACIFIC BELL DIRECTORY
	PACIFIC CARGO INSPECTION BUREAU	PACIFIC BELL DIRECTORY
1992	EXCLUSIVE GIFT	PACIFIC BELL DIRECTORY
1967	HAAS BROS WHOL LIQUOR	R. L. Polk & Co.
1955	HAAS BROTHERS WHSLE LIQR EMERYVILLE	The Pacific Telephone & Telegraph Co.

1490 66TH ST

Year	Uses	Source
2012	R & L WAREHOUSE DISTRIBUTION SERVICE	Cole Information Services
	R & L WAREHOUSE DISTRIBUTION SERVICE	Cole Information Services
2007	R & L WAREHOUSE DISTRIBUTION SERVICE	Cole Information Services
	R & L WAREHOUSE DISTRIBUTION SERVICE	Cole Information Services
2006	NO WHITE HORSE INN	Haines Company, Inc.
	R&LWRHSDISTBN	Haines Company, Inc.
1970	WEST CHEMICAL PRODUCTS INC EMERYVILLE	Pacific Telephone Directory
	LAZARUS LABORATORIES EMERYVILLE	Pacific Telephone Directory
1967	WEST CHEMICAL PRODUCTS INC	R. L. Polk & Co.
	DISINFECTANTS MFRS	R. L. Polk & Co.
1955	WEST DISINFECTING CO EMERYVILLE	The Pacific Telephone & Telegraph Co.

FINDINGS

1501 66TH ST

Year	Uses	Source
1955	WERNER FRED H CONCRT PRODS EMERYVILLE	The Pacific Telephone & Telegraph Co.
1945	KLINE CONCRETE BLOCK CO	The Pacific Telephone & Telegraph Co.

66th Street

1451 66th Street

Year	Uses	Source
2006	CHARLES	Haines Company, Inc.
	CHOCOLATES	Haines Company, Inc.

1490 66th Street

Year	Uses	Source
2006	R&LWRHSDISTBN	Haines Company, Inc.
	NO WHITE HORSE INN	Haines Company, Inc.
1980	Zimms Stores Inc	Pacific Telephone
1970	LAZARUS LABORATORIES EMERYVILLE	Pacific Telephone Directory
	WEST CHEMICAL PRODUCTS INC EMERYVILLE	Pacific Telephone Directory
1967	WEST CHEMICAL PRODUCTS INC	R. L. Polk & Co.
	DISINFECTANTS MFRS	R. L. Polk & Co.
1955	WEST DISINFECTING CO EMERYVILLE	The Pacific Telephone & Telegraph Co.
1950	MEHLHOFF JACOB R	The Pacific Telephone & Telegraph Co.

67TH

1460 67TH

Year	Uses	Source
1950	DEAN FLOYD W R	The Pacific Telephone & Telegraph Co.
	MC NAMES EUNICE MRS R	The Pacific Telephone & Telegraph Co.

1475 67TH

Year	Uses	Source
1950	METALCO	The Pacific Telephone & Telegraph Co.

1476 67TH

Year	Uses	Source
1950	BALDIZAN TONY R	The Pacific Telephone & Telegraph Co.
	BROWN TIBBETT R	The Pacific Telephone & Telegraph Co.

FINDINGS

1496 67TH

Year	Uses	Source
1950	ROBBINS MFG CO	The Pacific Telephone & Telegraph Co.
	CHAMBERLIN CO OF AMER	The Pacific Telephone & Telegraph Co.

1498 67TH

Year	Uses	Source
1950	COULTER STEEL & FORGE CO	The Pacific Telephone & Telegraph Co.

67TH AV LO CLTHAVN

1428 67TH AV LO CLTHAVN

Year	Uses	Source
1950	BOURNE E L MRS R	The Pacific Telephone & Telegraph Co.

67TH AVLO CKHAVN

1459 67TH AVLO CKHAVN

Year	Uses	Source
1950	VAN HAGEN MILTON R	The Pacific Telephone & Telegraph Co.

1465 67TH AVLO CKHAVN

Year	Uses	Source
1950	VIEIRA ALAN DUANE R	The Pacific Telephone & Telegraph Co.

67TH AVSW EETOCCD

1435 67TH AVSW EETOCCD

Year	Uses	Source
1950	LUNA HERMAN A R	The Pacific Telephone & Telegraph Co.

67TH AVSW EETWOOD

1447 67TH AVSW EETWOOD

Year	Uses	Source
1950	SMITH MARGARET R	The Pacific Telephone & Telegraph Co.

67TH BROOK

1428 67TH BROOK

Year	Uses	Source
1980	Robinson Johnnie Dell Mrs	Pacific Telephone

FINDINGS

1429 67TH BROOK

Year	Uses	Source
1980	Sims Chas	Pacific Telephone
	Smith Eva P Mrs	Pacific Telephone

1432 67TH BROOK

Year	Uses	Source
1980	Iles Andrew G	Pacific Telephone

1436 67TH BROOK

Year	Uses	Source
1980	Clayton Richard J	Pacific Telephone

1439 67TH BROOK

Year	Uses	Source
1980	Ferrogiaro Silvio Mrs	Pacific Telephone

1440 67TH BROOK

Year	Uses	Source
1980	Hill Moses	Pacific Telephone

67TH EMVL

1450 67TH EMVL

Year	Uses	Source
1980	FARMER BROTHERS COFFEE COMPANY	Pacific Telephone

1462 67TH EMVL

Year	Uses	Source
1980	Van Wagoner Wayne T & Associates Inc	Pacific Telephone
	Investigative Consultants International	Pacific Telephone

1475 67TH EMVL

Year	Uses	Source
1980	METALCO	Pacific Telephone

1482 67TH EMVL

Year	Uses	Source
1980	Clearprint Paper Co	Pacific Telephone

FINDINGS

1483 67TH EMVL

Year	*Uses*	*Source*
1980	MONARCH TOOL & ENGINEERING INC die makrs	Pacific Telephone

1489 67TH EMVL

Year	*Uses*	*Source*
1980	Ofc	Pacific Telephone

1494 67TH EMVL

Year	*Uses*	*Source*
1980	Coulter Steel & Forge Company	Pacific Telephone

1499 67TH EMVL

Year	*Uses*	*Source*
1980	K & M Stress Inc	Pacific Telephone

67TH EW

1499 67TH EW

Year	*Uses*	*Source*
1986	Tusler Theodore	PACIFIC BELL WHITE PAGES

67TH ORK

1428 67TH ORK

Year	*Uses*	*Source*
1991	Robinson Johnnie Dell Mrs	PACIFIC BELL WHITE PAGES

67TH ST

1428 67TH ST

Year	*Uses*	*Source*
1970	POPE JOHNNIE DELL MRS BERKELEY	Pacific Telephone Directory
1938	GORDON RICHARD R	Pacific Telephone
1933	GORDON WM H BERKELEY	R. L. Polk & Co.
	GORDON RICHD CLK R BERKELEY	R. L. Polk & Co.
	GORDON DOROTHY INSPR CALIF PKG CORP R	R. L. Polk & Co.
1928	av Dinah lab R	R.L. Polk and Co of California
	t Wm Nettle lab H	R.L. Polk and Co of California

FINDINGS

1429 67TH ST

Year	Uses	Source
1970	SIMS CHAS BERKELEY	Pacific Telephone Directory
1955	JACKSON MOSES BERKELEY	The Pacific Telephone & Telegraph Co.
	PLUMER AMANDA MRS BERKELEY	The Pacific Telephone & Telegraph Co.
	SMITH EVA POPE MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1945	CASTRO FRANK A R BERKELEY	The Pacific Telephone & Telegraph Co.
	HARKINS E B R BERKELEY	The Pacific Telephone & Telegraph Co.
	KING J C R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	KENWORTHY MALISSA E (WID JAS) H BERKELEY	R. L. Polk & Co.
	AVERY ROY R BERKELEY	R. L. Polk & Co.
	DUTRA GEO W (AGNES) LAB H BERKELEY	R. L. Polk & Co.
1928	Kohler Christine fctywkr R	R.L. Polk and Co of California
	Manuel Mary H	R.L. Polk and Co of California
	191 Myrtle fctywkr R	R.L. Polk and Co of California
	Market Jas A Melissa E H	R.L. Polk and Co of California
	Market Earl W R	R.L. Polk and Co of California

1430 67TH ST

Year	Uses	Source
1955	FRIES KEN W BERKELEY	The Pacific Telephone & Telegraph Co.
	BREWEN A E BERKELEY	The Pacific Telephone & Telegraph Co.
1945	BREWEN A E R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	MORGAN CONSTANCE C STEN MARCHANT CALCULATING MACH CO R BERKELEY	R. L. Polk & Co.
1928	MORGAN Confidence C sten Merchant Calc Mach Co H	R.L. Polk and Co of California
	Helen bkpr Ohinn Beretta Optical Co R	R.L. Polk and Co of California
	Maede Barbara L stdt H	R.L. Polk and Co of California

1431 67TH ST

Year	Uses	Source
1933	SMITH ANGELINA (WID A C) H BERKELEY	R. L. Polk & Co.
1928	mount Angelina E Mrs H	R.L. Polk and Co of California

1432 67TH ST

Year	Uses	Source
1970	FIELDS MARY MRS BERKELEY	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1955	FIELDS MARY MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1945	CUNHA C C R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	ROBECK MARGARET R	Pacific Telephone

1436 67TH ST

Year	Uses	Source
1970	CLAYTON RICHARD J BERKELEY	Pacific Telephone Directory
1955	LEE WILLIE BERKELEY	The Pacific Telephone & Telegraph Co.
	CLAYTON RICHARD J R BERKELEY	The Pacific Telephone & Telegraph Co.
	ALLEN GEO BERKELEY	The Pacific Telephone & Telegraph Co.
1945	LERVIK K CAPT R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	LERVIK K CAPT R	Pacific Telephone
1928	side Claude D Eliz A H	R.L. Polk and Co of California

1439 67TH ST

Year	Uses	Source
1970	FERROGIARO SILVIO MRS BERKELEY	Pacific Telephone Directory
1955	FERROGIARO SILVIO MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1945	SERENA MARY R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	SERENA EMIL (MARY) AUTO MECH R BERKELEY	R. L. Polk & Co.
	MINELLONO STEVE (LUCY) H BERKELEY	R. L. Polk & Co.
	MINELLONO ROBT R BERKELEY	R. L. Polk & Co.
1928	Bi Sco Claude E Mary H	R.L. Polk and Co of California

1440 67TH ST

Year	Uses	Source
1955	LERVIK K CAPT BERKELEY	The Pacific Telephone & Telegraph Co.
1933	LIND SOPHIE (WID EDW) H BERKELEY	R. L. Polk & Co.
	LERRICK KARL (ELVIRA) R BERKELEY	R. L. Polk & Co.
1928	Lervik Karl Elvira H	R.L. Polk and Co of California
1925	LERVIK CAPT K R	R. L. Polk & Co. of California

1441 67TH ST

Year	Uses	Source
1970	BERINGER FRED C BERKELEY	Pacific Telephone Directory
1955	BERINGER FRED C BERKELEY	The Pacific Telephone & Telegraph Co.
1945	BUCHANAN EVA MRS R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	BUCHANAN EVA MRS R	Pacific Telephone

FINDINGS

Year	Uses	Source
1933	BUCHANAN FRANK V (EVA) ELECTN H BERKELEY	R. L. Polk & Co.
1928	av Prank V Eva E pntr Johnson Washer Co H	R.L. Polk and Co of California
1925	BUCHANAN F V R	R. L. Polk & Co. of California

1450 67TH ST

Year	Uses	Source
2012	COOPERATIVE GROCERY	Cole Information Services
1996	MCKAY COMPANY	PACIFIC BELL DIRECTORY
1992	SEPHTON WATER TECHNOLOGY	PACIFIC BELL DIRECTORY
1991	Sephus Melvina	PACIFIC BELL WHITE PAGES
	Sephton Water Technology	PACIFIC BELL WHITE PAGES
1975	FEDERAL LAND BANK OF BERKELEY	Pacific Telephone
1970	FARMER BROTHERS COFFEE COMPANY EMERYVILLE	Pacific Telephone Directory
1967	FARMER BROS COFFEE CO WHOL	R. L. Polk & Co.

1459 67TH ST

Year	Uses	Source
1928	land Mary B Mrs br mgr Mutual Stores R	R.L. Polk and Co of California

1460 67TH ST

Year	Uses	Source
1955	MCNAMES CHAS E R EMERYVILLE	The Pacific Telephone & Telegraph Co.
	MCNAMES EUNICE R EMERYVILLE	The Pacific Telephone & Telegraph Co.
1943	Furtado Manuel Irene tmstr r	R. L. Polk & Co.
1933	KOTONEN JOHN (HILMAR) H	R. L. Polk & Co.
1928	Tank Clinton C lab R	R.L. Polk and Co of California
	Lewis Henry driver R	R.L. Polk and Co of California
	Spowers Geo chauf R	R.L. Polk and Co of California
	Seretes John Louise M H	R.L. Polk and Co of California

1462 67TH ST

Year	Uses	Source
2012	BEAUTY CENTER	Cole Information Services
2007	BEAUTY CENTER INC	Cole Information Services
2006	WRHS&OFC	Haines Company, Inc.
	BEAUTYCNTR	Haines Company, Inc.
1996	BEAUTY CENTER	PACIFIC BELL DIRECTORY
1975	BOS MFG CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	O NEILL R J CORP EMERYVILLE	Pacific Telephone Directory
	O NEILL RAYMOND J CO EMERYVILLE	Pacific Telephone Directory
1967	0&NEILL RAYMOND CO CONSULTING	R. L. Polk & Co.
1962	Chapman Valve Mfg Co	Pacific Telephone
1943	Morris Louis J Marie lab h	R. L. Polk & Co.
1933	MORRIS LOUIS (MARY) LAB H	R. L. Polk & Co.
1928	tana Frank Rose lab H	R.L. Polk and Co of California
1925	SHEEHAN J R	R. L. Polk & Co. of California
1920	SHEEHAN J R	R. L. Polk & Co. of California

1464 67TH ST

Year	Uses	Source
2012	ADMAC DIGITAL IMAGING	Cole Information Services
2007	ADMAC DIGITAL IMAGING	Cole Information Services
	ADMAC PREPRESS INC	Cole Information Services
1996	KELLY MARTY PHOTOGRAPHER	PACIFIC BELL DIRECTORY
	RAINBO GRAPHIX	PACIFIC BELL DIRECTORY
	ADMAC PREPRESS	PACIFIC BELL DIRECTORY
1970	B O S MFG CO EMERYVILLE	Pacific Telephone Directory
	BOS MFG CO	Pacific Telephone Directory
1967	B 0 S MACHINE SHOP	R. L. Polk & Co.

1471 67TH ST

Year	Uses	Source
2012	ARTHUR FREYER LIGHTING SERVICES	Cole Information Services
2006	ARTHUR FREYER	Haines Company, Inc.
	LIGHTING	Haines Company, Inc.

1472 67TH ST

Year	Uses	Source
1933	MENDONCA JOS LAB R	R. L. Polk & Co.
1928	Glendale Wm E lab H	R.L. Polk and Co of California
	Lake Chas slsmn R	R.L. Polk and Co of California

1475 67TH ST

Year	Uses	Source
2012	METALCO	Cole Information Services
	CA CONTRACT COMPANY	Cole Information Services
2007	METALCO	Cole Information Services
2006	METALCO	Haines Company, Inc.

FINDINGS

Year	Uses	Source
1996	METALCO	PACIFIC BELL DIRECTORY
1992	METALCO	PACIFIC BELL DIRECTORY
1975	METALCO	Pacific Telephone
1970	METAL CO EMERYVILLE	Pacific Telephone Directory
1967	METALCO ANODIZERS 652 747 C	R. L. Polk & Co.
1955	METALCO EMERYVILLE	The Pacific Telephone & Telegraph Co.

1476 67TH ST

Year	Uses	Source
1955	ORTIZ ENCARNACION EMERYVILLE	The Pacific Telephone & Telegraph Co.
1933	SEYMOUR FRANK (SARAH) H	R. L. Polk & Co.
1928	Seymour Frank Sarah spi police H	R.L. Polk and Co of California

1477 67TH ST

Year	Uses	Source
1945	CLARK C B R	The Pacific Telephone & Telegraph Co.
1928	Seeba Aug carp H	R.L. Polk and Co of California

1478 67TH ST

Year	Uses	Source
1945	BYARS CHARLES R EMERYVILLE	The Pacific Telephone & Telegraph Co.
1933	SOUZA FRANK (CANDID) LAB H	R. L. Polk & Co.
	SOUZA ANTONE R	R. L. Polk & Co.
1928	G Glenn Helen H	R.L. Polk and Co of California
	Shatter Cecil lab R	R.L. Polk and Co of California
	Grove Bertha R	R.L. Polk and Co of California

1482 67TH ST

Year	Uses	Source
2012	GIAMPOLINI INC	Cole Information Services
2007	CLEARPRINT PAPER CO	Cole Information Services
	QUALITY TRADE SALES	Cole Information Services
2006	GIAMPOLINI INC	Haines Company, Inc.
1996	CLEARPRINT PAPER CO	PACIFIC BELL DIRECTORY
	CLEARPRINT PAPER CO	PACIFIC BELL DIRECTORY
1992	CLEARPRINT PAPER CO	PACIFIC BELL DIRECTORY
1991	Cleary A A	PACIFIC BELL WHITE PAGES
	Clearprint Paper Co	PACIFIC BELL WHITE PAGES
1975	CLEARPRINT PAPER CO	Pacific Telephone
1970	CLEARPRINT PAPER CO EMERYVILLE	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1967	PRODUCTS	R. L. Polk & Co.
	CLEARPRINT PAPER CO PAPER	R. L. Polk & Co.
1955	CLEARPRINT PAPER CO EMERYVILLE	The Pacific Telephone & Telegraph Co.

1483 67TH ST

Year	Uses	Source
2012	JAYCO HAWAIICALIFORNIA	Cole Information Services
	ARCHITECTUAL METAL WORKS	Cole Information Services
	QUICK MOUNT PV	Cole Information Services
2007	JAYCO HAWAII CALIFORNIA INC	Cole Information Services
2006	WENTWORTH	Haines Company, Inc.
	JAYCO HI CA	Haines Company, Inc.
	MICHAEL	Haines Company, Inc.
1996	MONARCH TOOL & ENGINEERING INC	PACIFIC BELL DIRECTORY
1992	MONARCH TOOL & ENGINEERING INC	PACIFIC BELL DIRECTORY
	KINDORF ENGINEERING CO	PACIFIC BELL DIRECTORY
1970	CABLE DISTRIBUTORS OF SAN FRANCISCO INC EMERYVILLE	Pacific Telephone Directory
	SUPERIOR RIGGING CORP EMERYVILLE	Pacific Telephone Directory
1967	C 8 C BEARING CORP WHSE	R. L. Polk & Co.
1955	EAST BAY BEVERAGE CO EMERYVILLE	The Pacific Telephone & Telegraph Co.
	FALSTAFF BEER DISTRS EMERYVILLE	The Pacific Telephone & Telegraph Co.
1928	bany Wm pntr H	R.L. Polk and Co of California
1925	TRINIDAD FRANK R	R. L. Polk & Co. of California

1484 67TH ST

Year	Uses	Source
2007	COULTER FORGE TECHNOLOGY	Cole Information Services
2006	ADMAC PREPRess	Haines Company, Inc.
	IMAGING	Haines Company, Inc.
	ADMAC DIGITIAL	Haines Company, Inc.
1928	Max lab H	R.L. Polk and Co of California

1487 67TH ST

Year	Uses	Source
2012	ENGINEWORLD	Cole Information Services
2007	ENGINEWORLD LLC	Cole Information Services
2006	ENGINewo RLD	Haines Company, Inc.

FINDINGS

1488 67TH ST

Year	Uses	Source
1955	DIETERICH POST CO	The Pacific Telephone & Telegraph Co.

1489 67TH ST

Year	Uses	Source
1992	CORDER WALTER O	PACIFIC BELL DIRECTORY
1970	CORDER WALTER O	Pacific Telephone Directory
1967	CORDER WALTER 0 CO MFR AGTS	R. L. Polk & Co.

1490 67TH ST

Year	Uses	Source
2006	R & L WRHS DISTBN	Haines Company, Inc.
1996	R & L WAREHOUSE DISTRIBUTION SERVICES	PACIFIC BELL DIRECTORY

1492 67TH ST

Year	Uses	Source
1955	CHAMBERLIN CO OF AMERICA	The Pacific Telephone & Telegraph Co.
	CHAMBERLIN CO OF AMERICA	The Pacific Telephone & Telegraph Co.

1493 67TH ST

Year	Uses	Source
1967	SAINT REGIS PAPER CO WHSE	R. L. Polk & Co.

1494 67TH ST

Year	Uses	Source
2012	COULTER STEEL & FORGE CO	Cole Information Services
	COULTER STEEL & FORGE CO	Cole Information Services
2006	COULTER STEELS	Haines Company, Inc.
	FORGE CO	Haines Company, Inc.
1996	COULTER STEEL & FORGE COMPANY	PACIFIC BELL DIRECTORY
1992	COULTER STEEL & FORGE COMPANY	PACIFIC BELL DIRECTORY
1975	COULTER STEEL & FORGE COMPANY	Pacific Telephone
1970	COULTER STEEL & FORGE COMPANY EMERYVILLE	Pacific Telephone Directory
1967	COULTER STEEL & FORGE CO	R. L. Polk & Co.
	FORGING MFRS	R. L. Polk & Co.
1955	COULTER STEEL & FORGE COMPANY EMERYVILLE	The Pacific Telephone & Telegraph Co.
1945	BARCELLOS WM R	The Pacific Telephone & Telegraph Co.
1943	Barcellos Wm Mary coremkr r	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1938	BARCELLOS WM R	Pacific Telephone
1933	BARCELLOS WM (MARY) MLDR H	R. L. Polk & Co.
1928	Bercellos Wm Mary mldr H	R.L. Polk and Co of California
	Bercellos Wm jr R	R.L. Polk and Co of California
	Wm mcoremkr R	R.L. Polk and Co of California
	Bercellos Frank Mary R	R.L. Polk and Co of California

1496 67TH ST

Year	Uses	Source
1945	COULTER SIBBETT STEEL CO EMERYVILLE	The Pacific Telephone & Telegraph Co.
	BERKELEY FORGE SEE COULTER-SIBBETT STEEL CO EMERYVILLE	The Pacific Telephone & Telegraph Co.
	SIBBETT GEO E COULTER SIBBETT STEEL CO EMERYVILLE	The Pacific Telephone & Telegraph Co.

1499 67TH ST

Year	Uses	Source
2006	ENGINewo RLD	Haines Company, Inc.
1996	HOBART BROS & ASSOCIATES	PACIFIC BELL DIRECTORY
	HARMON CONTRACT WSA INC	PACIFIC BELL DIRECTORY
	67TH	PACIFIC BELL DIRECTORY
	R & L WAREHOUSE DISTRIBUTION SERVICES	PACIFIC BELL DIRECTORY
1992	JOHNSON C LLOYD CO	PACIFIC BELL DIRECTORY
	RYPINS-LIPINSKI & ASSOC	PACIFIC BELL DIRECTORY
	HOBART BROS & ASSOCIATES	PACIFIC BELL DIRECTORY
	R & L WAREHOUSE DISTRIBUTION SERVICES	PACIFIC BELL DIRECTORY
1991	Cooley Roofing Systems Rep	PACIFIC BELL WHITE PAGES
	Cooley V	PACIFIC BELL WHITE PAGES
	Coolidge CE	PACIFIC BELL WHITE PAGES
	Coolidge Carolyn P	PACIFIC BELL WHITE PAGES
	Coolidge David A & Nancy C Brk	PACIFIC BELL WHITE PAGES
	Johnson C Lloyd Co	PACIFIC BELL WHITE PAGES
	Johnson CM	PACIFIC BELL WHITE PAGES
	Johnson CR	PACIFIC BELL WHITE PAGES
	R & L Warehouse Distribution Services	PACIFIC BELL WHITE PAGES
	R & M Data Processing	PACIFIC BELL WHITE PAGES
	RM Dental Ceramics	PACIFIC BELL WHITE PAGES
1967	SAINT REGIS PAPER CO	R. L. Polk & Co.

Year	Uses	Source
1967	CONTAINER DIV PAPER	R. L. Polk & Co.
	PRODUCTS	R. L. Polk & Co.
1945	DELANEY J C R BERKELEY	The Pacific Telephone & Telegraph Co.
1938	JALOFSKI JOSEPH A R	Pacific Telephone
1933	JALOFSKI JOS A (FRANCES B) H BERKELEY	R. L. Polk & Co.
	STAFFORD EDW J R BERKELEY	R. L. Polk & Co.
1928	Jalofski Jos A Frances B H	R.L. Polk and Co of California

1500 67TH ST

Year	Uses	Source
1928	Bartl Albin H 0 Masdaline knitter H	R.L. Polk and Co of California

1523 67TH ST

Year	Uses	Source
1928	P Geo E Lillian M Leader Market H	R.L. Polk and Co of California

1537 67TH ST

Year	Uses	Source
1928	El Jack electn R	R.L. Polk and Co of California

67th Street

1494 67th Street

Year	Uses	Source
2006	COULTER STEELS	Haines Company, Inc.
	FORGE CO	Haines Company, Inc.
1996	COULTER STEEL & FORGE COMPANY	PACIFIC BELL DIRECTORY
1992	COULTER STEEL & FORGE COMPANY	PACIFIC BELL DIRECTORY
1980	Coulter Steel & Forge Company	Pacific Telephone
1975	COULTER STEEL & FORGE COMPANY	Pacific Telephone
1970	COULTER STEEL & FORGE COMPANY EMERYVILLE	Pacific Telephone Directory
1967	COULTER STEEL & FORGE CO	R. L. Polk & Co.
	FORGING MFRS	R. L. Polk & Co.
1955	COULTER STEEL & FORGE COMPANY EMERYVILLE	The Pacific Telephone & Telegraph Co.
1945	BARCELLOS WM R	The Pacific Telephone & Telegraph Co.
1943	Barcellos Wm Mary coremkr r	R. L. Polk & Co.
1938	BARCELLOS WM R	Pacific Telephone
1933	BARCELLOS WM (MARY) MLDR H	R. L. Polk & Co.

Year	Uses	Source
1928	Bercellos Frank Mary R	R.L. Polk and Co of California
	Bercellos Wm Mary mldr H	R.L. Polk and Co of California
	Bercellos Wm jr R	R.L. Polk and Co of California
	Wm mcoremkr R	R.L. Polk and Co of California

ASHBY

735 ASHBY

Year	Uses	Source
1950	UNITED STATES GOVERNMENT (CONTD) INTERNAL REVENUE SERVICE COLLECTOR OF INTER	The Pacific Telephone & Telegraph Co.

ASHBY AVE

601 ASHBY AVE

Year	Uses	Source
1986	Innermorphics Corp	PACIFIC BELL WHITE PAGES
	Inner City Broadcasting Corp Of Berkeley	PACIFIC BELL WHITE PAGES
	Business Office	PACIFIC BELL WHITE PAGES
	Music Info & Request Line	PACIFIC BELL WHITE PAGES
	K R E Request Contest Line	PACIFIC BELL WHITE PAGES
	KR E Talk Show Line	PACIFIC BELL WHITE PAGES
	KR E AM 1400	PACIFIC BELL WHITE PAGES
	Business Office	PACIFIC BELL WHITE PAGES
	Music Info & Request Line	PACIFIC BELL WHITE PAGES
	K R E REQUEST CONTEST LINE	PACIFIC BELL WHITE PAGES
	KRENZ OSCAR INC	PACIFIC BELL WHITE PAGES
	K R E AM	PACIFIC BELL WHITE PAGES
1980	Inner City Broadcasting Corp Of Berkeley	Pacific Telephone
	Business Office	Pacific Telephone
	Business Office	Pacific Telephone
1975	K R E KREATIVE RADIO AM-FM BRDCSTNG STN	Pacific Telephone
1970	K P A T SNOW PHONE BERKELEY	Pacific Telephone Directory
	K P A T RADIO STN AM FM BERKELEY	Pacific Telephone Directory
1962	K R E Broadcasting Stn	Pacific Telephone
	Office	Pacific Telephone
	Royal Recording Co	Pacific Telephone
1955	K R E BROADCASTING STATION BERKELEY	The Pacific Telephone & Telegraph Co.

FINDINGS

Year	Uses	Source
1950	K P F A BROADCASTING STATION	The Pacific Telephone & Telegraph Co.
	ROYAL RECORDING CO	The Pacific Telephone & Telegraph Co.
1945	K R E BROADCASTING STATION BERKELEY	The Pacific Telephone & Telegraph Co.
1943	KRE Broadcasting Station Arth Westlund mgr	R. L. Polk & Co.
1938	STANDARD SOUND EQUIPMENT CO	Pacific Telephone
	K R E	Pacific Telephone

619 ASHBY AVE

Year	Uses	Source
1986	Lim Bong Ran	PACIFIC BELL WHITE PAGES
	Lim Bock C	PACIFIC BELL WHITE PAGES
	Lin Allen	PACIFIC BELL WHITE PAGES
	Lim B B	PACIFIC BELL WHITE PAGES

735 ASHBY AVE

Year	Uses	Source
1996	WEATHERFORD BM W	PACIFIC BELL DIRECTORY
	WEATHERFORD MITSUBISHI	PACIFIC BELL DIRECTORY
1992	WEATHERFORD BMW	PACIFIC BELL DIRECTORY
1991	W E ATHE RFORD BMW	PACIFIC BELL WHITE PAGES
1986	i Barker Associates Inc	PACIFIC BELL WHITE PAGES
	BERKELEY BODY SHOP	PACIFIC BELL WHITE PAGES
	SOUTHWICK GROUP	PACIFIC BELL WHITE PAGES
	TOYOTA BERKELEY	PACIFIC BELL WHITE PAGES
	BERKELEY NISSAN DATSUN	PACIFIC BELL WHITE PAGES
1980	BARKER MACHINERY SALES INC	Pacific Telephone
	Keim Welding	Pacific Telephone
1975	AIRCO INC	Pacific Telephone
1970	BECHTEL CORP BERKELEY	Pacific Telephone Directory
	AIRCO VACUUM METALS DIVISION OF AIR REDUCTION INC BERKELEY	Pacific Telephone Directory
1962	Ateco Forge Divison of Amer Tractor Equipment Corp	Pacific Telephone
1955	SHIPS & POWER EQUIPMENT CORP BERKELEY	The Pacific Telephone & Telegraph Co.
1945	AMER FORGE CO BERKELEY	The Pacific Telephone & Telegraph Co.

FINDINGS

ASHBY LN

601 ASHBY LN

Year	Uses	Source
1955	ROYAL RECORDING CO BERKELEY	The Pacific Telephone & Telegraph Co.
	K R E BROADCASTING STATION BERKELEY	The Pacific Telephone & Telegraph Co.
1945	ROYAL RECORDING CO BERKELEY	The Pacific Telephone & Telegraph Co.
	K R E BROADCASTING STATION BERKELEY	The Pacific Telephone & Telegraph Co.

ASHBY ST

735 ASHBY ST

Year	Uses	Source
2000	WEATHERFORD BMW	Pacific Bell

FOLGER AVE

708 FOLGER AVE

Year	Uses	Source
1962	Reliance Sheet & Strip Co	Pacific Telephone
	Rods Inc	Pacific Telephone
1955	RELIANCE SHEET & STRIP CO BERKELEY	The Pacific Telephone & Telegraph Co.
	RODS INC BERKELEY	The Pacific Telephone & Telegraph Co.
1950	RODS INC	The Pacific Telephone & Telegraph Co.

720 FOLGER AVE

Year	Uses	Source
1991	Grignard Co	PACIFIC BELL WHITE PAGES

721 FOLGER AVE

Year	Uses	Source
1933	ANDRE JOS F (ANNIE) TANNER H BERKELEY	R. L. Polk & Co.
	ANDRE JOS R BERKELEY	R. L. Polk & Co.
	ANDRE HENRY LAB R BERKELEY	R. L. Polk & Co.
	ANDRE ALBT (ELVIRA) R BERKELEY	R. L. Polk & Co.
1928	Alcatraz Jos P ir R	R.L. Polk and Co of California
	Alcatraz John L H	R.L. Polk and Co of California
1925	HENDRICKSON MRS L R	R. L. Polk & Co. of California

FINDINGS

Year	Uses	Source
1925	AUDRE J R	R. L. Polk & Co. of California
1920	ANDRE J R	R. L. Polk & Co. of California
	AUDRE J R	R. L. Polk & Co. of California

722 FOLGER AVE

Year	Uses	Source
1996	BERKELEY ARCHITECTURAL SALVAGE	PACIFIC BELL DIRECTORY
1991	Roberton & Schwartz Sales Co Inc	PACIFIC BELL WHITE PAGES
	Bryans Lift Service	PACIFIC BELL WHITE PAGES
	Bryans M	PACIFIC BELL WHITE PAGES
	Bryant A	PACIFIC BELL WHITE PAGES
	Bryant A L	PACIFIC BELL WHITE PAGES
	Bryant A & M	PACIFIC BELL WHITE PAGES
1986	ROBERTON & SCHWARTZ SALES CO INC	PACIFIC BELL WHITE PAGES
	Roberton & Schwartz Sales Co Inc	PACIFIC BELL WHITE PAGES
1982	RELIANCE SHEET & STRIP CO BERKELEY	Pacific Telephone
1980	Fox Industries	Pacific Telephone
	RELIANCE SHEET & STRIP CO	Pacific Telephone
1975	FOX INDUSTRIES	Pacific Telephone
1970	FOX INDUSTRIES BERKELEY	Pacific Telephone Directory
	RELIANCE SHEET & STRIP CO BERKELEY	Pacific Telephone Directory
1950	BERTOLANI ALBERT V R	The Pacific Telephone & Telegraph Co.
1945	WEAVER CLINTON E R BERKELEY	The Pacific Telephone & Telegraph Co.

725 FOLGER AVE

Year	Uses	Source
2012	CERTIFIED EXERCISE PROFESSIONALS	Cole Information Services
	MEYER CREST LIMITED	Cole Information Services
2007	LANCASPRING LLC	Cole Information Services
	EXERCISE PROFESSIONALS PERSONAL TRAI	Cole Information Services
	MEYER CREST LTD	Cole Information Services
2006	CERTIFIED	Haines Company, Inc.
	EXERCISE	Haines Company, Inc.
	PRFSSNLS	Haines Company, Inc.
	MEYERCRest	Haines Company, Inc.
	LIMITED	Haines Company, Inc.

Year	Uses	Source
2000	SENTERPRISE INC	Pacific Bell
	SENTERPRISE INC	Pacific Bell
1996	THORN AUTOMATED SYSTEMS INC	PACIFIC BELL DIRECTORY
1992	NOEL ASSOCIATES	PACIFIC BELL DIRECTORY
	AGENCY RENT-A-CAR	PACIFIC BELL DIRECTORY
	HENRY LLOYD B SR CONSULTING	PACIFIC BELL DIRECTORY
1991	N OE L AS S OCIATE S	PACIFIC BELL WHITE PAGES
1933	RAMOS ANTONE M (MARY) LAB H BERKELEY	R. L. Polk & Co.
	DENIZ JOHN LAB R BERKELEY	R. L. Polk & Co.
1928	Deniz John Angelina lab H	R.L. Polk and Co of California

733 FOLGER AVE

Year	Uses	Source
1950	CLAY NANIE W MRS R	The Pacific Telephone & Telegraph Co.
1928	45th Geo K Mary H	R.L. Polk and Co of California
1925	MEYER G K R	R. L. Polk & Co. of California

739 FOLGER AVE

Year	Uses	Source
1955	PONSANO TRANSPORTATION BERKELEY	The Pacific Telephone & Telegraph Co.

741 FOLGER AVE

Year	Uses	Source
2012	LUXURY LANDSCAPE	Cole Information Services
	GRING PEST CONTROL SERVICES	Cole Information Services
	RGS CONSTRUCTION	Cole Information Services
2007	ROBERT G SCHWIERS INC	Cole Information Services
2006	GRING PEST	Haines Company, Inc.
	CONTROL SERVICE	Haines Company, Inc.
2000	GRING PEST CONTROL SERVICE	Pacific Bell
1996	GRING PEST CONTROL SERVICE	PACIFIC BELL DIRECTORY
1992	GRING PEST CONTROL SERVICE	PACIFIC BELL DIRECTORY
1991	GRIN G PE S T CON TROL S E RVICE	PACIFIC BELL WHITE PAGES
	R G S Construction	PACIFIC BELL WHITE PAGES
1986	R G S Construction	PACIFIC BELL WHITE PAGES
	From Walnut Creek Telephones Call	PACIFIC BELL WHITE PAGES
	Gring Pest Control Service Inc	PACIFIC BELL WHITE PAGES
	From Vallejo Telephones Call	PACIFIC BELL WHITE PAGES

Year	Uses	Source
1986	GRING PEST CONTROL SERVICE	PACIFIC BELL WHITE PAGES
	R G S CONSTRUCTION	PACIFIC BELL WHITE PAGES
1980	GRING PEST CONTROL SERVICE	Pacific Telephone
1975	GRING PEST CONTROL SERVICE	Pacific Telephone
1970	GRING PEST CONTROL SERVICE BERKELEY	Pacific Telephone Directory
1965	GRINLG PEST CONTROL SERV	R. L. Polk & Co.
1962	Gring Pest Control Service	Pacific Telephone
	GRING TERMITE CONTROL	Pacific Telephone
1955	GRING GARDEN SPRAYING BERKELEY	The Pacific Telephone & Telegraph Co.
	HEATON S PEST CONTROL SERVICE BERKELEY	The Pacific Telephone & Telegraph Co.
	GRING PEST CONTROL SERVICE BERKELEY	The Pacific Telephone & Telegraph Co.
1950	GRING PEST CONTROL SERVICE	The Pacific Telephone & Telegraph Co.
	HEATON S PEST CONTROL SERVICE	The Pacific Telephone & Telegraph Co.

742 FOLGER AVE

Year	Uses	Source
1970	FRAN S SERVICE BERKELEY	Pacific Telephone Directory
	GOULTER FRANCIS FRAN S SERVICE BERKELEY	Pacific Telephone Directory
1962	Fruitvale Drayage	Pacific Telephone
1955	OERTLY BROS TRUCKING CO BERKELEY	The Pacific Telephone & Telegraph Co.
	ARROW TRUCKING CO BERKELEY	The Pacific Telephone & Telegraph Co.
1950	DE BOLD OTTO FUEL OIL TRANSPORTATION	The Pacific Telephone & Telegraph Co.

744 FOLGER AVE

Year	Uses	Source
2012	HOWLETT MACHINE WORKS	Cole Information Services
2007	HOWLETT MACHINE WORKS	Cole Information Services
2006	HOWLETTMACHINE	Haines Company, Inc.
	WORKS	Haines Company, Inc.
	HOWLETT MACHINE	Haines Company, Inc.
	WORKS	Haines Company, Inc.
2000	FOX HOWLETT INDUSTRIES	Pacific Bell
1996	FOX-HOWLETT INDUSTRIES	PACIFIC BELL DIRECTORY
1992	FOX-HOWLETT INDUSTRIES	PACIFIC BELL DIRECTORY
1991	Fox HowlettIndustries	PACIFIC BELL WHITE PAGES

Year	Uses	Source
1970	POWER BOILER SALES INC BERKELEY	Pacific Telephone Directory
1955	GLUED LAMINATED PRODUCTS CO BERKELEY	The Pacific Telephone & Telegraph Co.
	BAYSHORE CONSTRUCTION CO BERKELEY	The Pacific Telephone & Telegraph Co.

746 FOLGER AVE

Year	Uses	Source
2012	HOWLETT MACHINE WORKS	Cole Information Services
2006	HOWLETTMACHINE	Haines Company, Inc.
	WORKS	Haines Company, Inc.
2000	HOWLETT MACHINE WORKS	Pacific Bell
1996	HOWLETT MACHINE WORKS	PACIFIC BELL DIRECTORY
1992	HOWLETT MACHINE WORKS	PACIFIC BELL DIRECTORY
1991	Howlett Sally	PACIFIC BELL WHITE PAGES
	HOW LE TT MACHIN E W ORKS	PACIFIC BELL WHITE PAGES
1986	HOWLETT MACHINE WORKS	PACIFIC BELL WHITE PAGES
	HOW LE TT MACHIN E W ORKS	PACIFIC BELL WHITE PAGES
1980	HOWLETT MACHINE WORKS	Pacific Telephone
1975	HOWLETT MACHINE WORKS	Pacific Telephone
1970	HOWLETT MACHINE WORKS BERKELEY	Pacific Telephone Directory
1962	Howlett Machine Works	Pacific Telephone
1955	HOWLETT MACHINE WORKS BERKELEY	The Pacific Telephone & Telegraph Co.

750 FOLGER AVE

Year	Uses	Source
1970	COLEMAN KENNETH L BERKELEY	Pacific Telephone Directory
1962	Dollar Jas H	Pacific Telephone
1955	TAYLOR GEO BERKELEY	The Pacific Telephone & Telegraph Co.
1950	AMARAL PAULINE R	The Pacific Telephone & Telegraph Co.
1945	MORRIS PEDRO R BERKELEY	The Pacific Telephone & Telegraph Co.
	MORRIS MARGARET R BERKELEY	The Pacific Telephone & Telegraph Co.
1933	SILVA FRANK H BERKELEY	R. L. Polk & Co.
	SALVADOR JOHN HLPR BKLY GARBAGE DEPT R BERKELEY	R. L. Polk & Co.
1928	Jacinto Jose Louisa lab H	R.L. Polk and Co of California

FINDINGS

751 FOLGER AVE

Year	Uses	Source
2012	MERCEDES AT MORAN MOTOSPORT	Cole Information Services
	TIRE & ALIGNMENT CENTER	Cole Information Services
2007	MORAN MOTORSPORT	Cole Information Services
	TOYOTA OF BERKELEY JOES TIRES	Cole Information Services
	TIRE & ALIGNMENT CENTER	Cole Information Services
2006	ALIGN CENTER	Haines Company, Inc.
	AUTOMALLTIREA	Haines Company, Inc.
1992	TOYOTA BERKELEY	PACIFIC BELL DIRECTORY
1991	Tire Dept	PACIFIC BELL WHITE PAGES
	Tire Dept	PACIFIC BELL WHITE PAGES
1986	T & M PARTS INC	PACIFIC BELL WHITE PAGES
	TRUCK & MACHINE SERVICE	PACIFIC BELL WHITE PAGES
	Truck & Machine Service	PACIFIC BELL WHITE PAGES
	T & M Parts Inc	PACIFIC BELL WHITE PAGES
1980	Truck & Machine Service	Pacific Telephone
	T & M Parts Inc	Pacific Telephone
1970	TRUCK & MACHINE SERVICE BERKELEY	Pacific Telephone Directory
1955	ROGERS ALFRED BERKELEY	The Pacific Telephone & Telegraph Co.
1950	ROGERS ALFRED R	The Pacific Telephone & Telegraph Co.
1945	ROGERS ALFRED R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	ROGERS Alf h	R. L. Polk & Co.
1938	TASSO SECONDO D R	Pacific Telephone
1933	TASSO SECONDO MECH R BERKELEY	R. L. Polk & Co.
	TASSO ENRICO (MARY) GDNR H BERKELEY	R. L. Polk & Co.
	AMBROSE MARIA P H BERKELEY	R. L. Polk & Co.
1928	n Blnnieho Mtary adna H	R.L. Polk and Co of California
1925	TASSO MARY R	R. L. Polk & Co. of California

752 FOLGER AVE

Year	Uses	Source
1975	FOSTER S	Pacific Telephone
1970	PICKERING M V BERKELEY	Pacific Telephone Directory
1962	Zerby Wm Mrs	Pacific Telephone
1955	ZERBY WM MRS BERKELEY	The Pacific Telephone & Telegraph Co.
1950	ZERBY ETHEL MRS R	The Pacific Telephone & Telegraph Co.
1943	Murillo Alf A Margt shipydwkr h	R. L. Polk & Co.

Year	Uses	Source
1933	SANCHEZ EULALIA R BERKELEY	R. L. Polk & Co.
	SANCHEZ JOS (LUPE) H BERKELEY	R. L. Polk & Co.
	SANCHEZ LUIS LAB R BERKELEY	R. L. Polk & Co.

753 FOLGER AVE

Year	Uses	Source
2012	UNITECH	Cole Information Services
2007	UNITECH FOREIGN AUTO SERVICE	Cole Information Services
2006	UNITECH	Haines Company, Inc.
2000	UNITECH	Pacific Bell
1996	UNITECH	PACIFIC BELL DIRECTORY
1992	UNITECH	PACIFIC BELL DIRECTORY
1986	SCHEID INDUSTRIAL SUPPLY COMPANY	PACIFIC BELL WHITE PAGES
	S CHE ID IN DUS TRIAL S UPPLY COMPAN Y	PACIFIC BELL WHITE PAGES
1980	SCHEID INDUSTRIAL SUPPLY COMPANY	Pacific Telephone
1970	SCHEID INDUSTRIAL SUPPLY COMPANY BERKELEY	Pacific Telephone Directory
1945	KRAUSCH GEORGE R BERKELEY	The Pacific Telephone & Telegraph Co.
1943	Ambrose Anton Mary h	R. L. Polk & Co.
1933	AMBROSE ANTONE (MARY) WITH GRAYSON-OWEN PKG CO H BERKELEY	R. L. Polk & Co.
1928	Monez Frank lab R	R.L. Polk and Co of California
	Monez A P lab H	R.L. Polk and Co of California

754 FOLGER AVE

Year	Uses	Source
1970	MCCLOSKEY KEVIN BERKELEY	Pacific Telephone Directory
1962	Pick Chas W r	Pacific Telephone
1955	PICK CHAS W R BERKELEY	The Pacific Telephone & Telegraph Co.
1950	PICK CHAS W R	The Pacific Telephone & Telegraph Co.
1933	SCOTT HENRY H BERKELEY	R. L. Polk & Co.
1928	CARNEY Mary H	R.L. Polk and Co of California

755 FOLGER AVE

Year	Uses	Source
2012	HARRIS DESIGN	Cole Information Services
	W A DESIGN INC	Cole Information Services

FINDINGS

Year	Uses	Source
2007	WILSON ASSOCIATES DESIGN & CONSTRUCT	Cole Information Services
1991	Stothers R Mrs	PACIFIC BELL WHITE PAGES
	Stothers T	PACIFIC BELL WHITE PAGES
1986	Stothers R Mrs	PACIFIC BELL WHITE PAGES
1980	Stothers R Mrs	Pacific Telephone
1970	STOTHERS ALBERT F JR MRS BERKELEY	Pacific Telephone Directory
1955	GEORGE LEROY BERKELEY	The Pacific Telephone & Telegraph Co.
1933	SILVA FERNANDO (JULIA) LNDYWKR R BERKELEY	R. L. Polk & Co.
	SILVA FRED LNDYWKR R BERKELEY	R. L. Polk & Co.
	SILVA RALPH R BERKELEY	R. L. Polk & Co.
1928	Va Jessla H	R.L. Polk and Co of California

SHELLMOUND ST

6601 SHELLMOUND ST

Year	Uses	Source
2012	EXPRESSION COLLEGE FOR DIGITAL ARTS	Cole Information Services
	EXPRESSION COLLEGE FOR DIGITAL ARTS	Cole Information Services
2006	EXPRess ION CTR	Haines Company, Inc.
	FOR New m EDIA	Haines Company, Inc.

Shellmound Street

6601 Shellmound Street

Year	Uses	Source
2006	EXPRess ION CTR	Haines Company, Inc.
	FOR New m EDIA	Haines Company, Inc.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
6707 Bay Street A.K.A. 6701 Shellmound Street	2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1428 67TH AV LO CLTHAVN	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1428 67TH BROOK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1428 67TH ORK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1428 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1932, 1926, 1925, 1920
1429 67TH BROOK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1429 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1430 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1431 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1432 67TH BROOK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1432 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
1435 67TH AVSW EETOCCD	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1436 67TH BROOK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1436 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1926, 1925, 1920
1439 67TH BROOK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1439 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1440 67TH BROOK	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1440 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1920
1441 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1920
1447 67TH AVSW EETWOOD	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1450 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1450 67TH ST	2012, 2007, 2006, 2002, 2000, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1450 67TH ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1451 66TH ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1451 66th Street	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1459 67TH AVLO CKHAVN	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1459 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1460 67TH	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1460 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
1462 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1462 67TH ST	2012, 2007, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926
1462 67TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1464 67TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1464 67TH ST	2012, 2007, 2006, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1465 67TH AVLO CKHAVN	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1470 66TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1471 67TH ST	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1471 67TH ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1472 66TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1472 66TH ST	2012, 2007, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1472 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1475 66TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1475 67TH	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1475 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1475 67TH ST	2012, 2007, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1475 67TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
1476 66TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1476 67TH	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1476 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1477 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1478 66TH AVSW EETWOOD	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1478 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
1480 66TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1480 66TH ST	2012, 2007, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1480 66TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1482 66TH AVTR INLDAD	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1482 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1482 67TH ST	2012, 2007, 2002, 2000, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1482 67TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1483 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1483 67TH ST	2012, 2007, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
1483 67TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1484 66TH AVN 5	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
1484 67TH ST	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1484 67TH ST	2012, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1487 67TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1487 67TH ST	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1488 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1489 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1489 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 66TH AV LO CKHAVN	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 66TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 66TH ST	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 66TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 66TH ST	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 66th Street	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1490 67TH ST	2012, 2007, 2002, 2000, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1492 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1493 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1494 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1494 67TH ST	2012, 2007, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
1494 67TH ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1494 67TH ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1494 67th Street	2012, 2007, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
1496 67TH	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1496 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1498 67TH	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1499 67TH EMVL	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1499 67TH EW	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1499 67TH ST	2012, 2007, 2002, 2000, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1932, 1926, 1925, 1920
1500 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1501 66TH	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1501 66TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
1523 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
1537 67TH ST	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
601 ASHBY AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1928, 1926, 1925, 1920
601 ASHBY LN	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
619 ASHBY AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6601 SHELLMOUND ST	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6601 SHELLMOUND ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6601 SHELLMOUND ST	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6601 Shellmound Street	2012, 2007, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
708 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
720 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
721 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926
722 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1993, 1992, 1984, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
725 FOLGER AVE	2012, 2007, 2002, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
725 FOLGER AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
733 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1920
735 ASHBY	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
735 ASHBY AVE	2012, 2007, 2006, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
735 ASHBY ST	2012, 2007, 2006, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
739 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
741 FOLGER AVE	2012, 2007, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

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Address Researched	Address Not Identified in Research Source
741 FOLGER AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
742 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
744 FOLGER AVE	2012, 2007, 2002, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
744 FOLGER AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
746 FOLGER AVE	2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
746 FOLGER AVE	2012, 2007, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
750 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
751 FOLGER AVE	2012, 2007, 2002, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1920
751 FOLGER AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
752 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925, 1920
753 FOLGER AVE	2012, 2007, 2002, 1993, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
753 FOLGER AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
754 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
755 FOLGER AVE	2012, 2007, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
755 FOLGER AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

Appendix C.4

Historical Fire Insurance Maps

Appendix D.1

Final Groundwater Monitoring Report

Groundwater Monitoring – May 1996 Event
Request for “No Further Action”
6707 Bay Street
Emeryville, California
Prepared by SCI
Dated June 21, 1996

Appendix D.2

1994 Deed Restriction

Environmental Remediation Notice
Prepared by First American Title
Dated October 20, 1994

PLEASE COMPLETE THIS INFORMATION

RECORDING REQUESTED BY:

WHEN RECORDED MAIL TO:
BRIAN BERGER
101 CALIFORNIA STREET
SUITE 3500
SAN FRANCISCO, CA 94111

Recorded in Official Records, Alameda County
Patrick O'Connell, Clerk-Recorder
22.00
95016143 12:01pm 01/25/95
005 26012665 26 10
A25 6 7.00 15.00 0.00 0.00 0.00 0.00 0.00

THIS SPACE FOR RECORDER'S USE ONLY

ENVIRONMENTAL REMEDIATION NOTICE
TITLE OF DOCUMENT

THIS PAGE ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION
(Govt. Code 27361.6)
(Additional recording fee applies)

1 6143

When recorded send to:
Brian Berger
101 California Street, Suite 3500
San Francisco, California 94111

NOTICE

Re: 6707 Bay Street
Emeryville, California

NOTICE is hereby given that extensive environmental investigations have been conducted on the property commonly known as 6707 Bay Street, Emeryville, California, a legal description of which is attached as Exhibit A hereto. These investigations have included analyzing soil and groundwater for the presence of hazardous substances. The investigations indicated that a number of hazardous substances exist within soil and groundwater at the site due to (1) the fact that the site is a reclaimed portion of San Francisco Bay initially used as an uncontrolled landfill and (2) subsequent industrial use of the site which included the installation of underground storage tanks (removed in 1989) which apparently released some portion of their contents, including certain volatile organic compounds, into the surrounding soil and groundwater. Substances detected include heavy metals, volatile organic compounds, petroleum hydrocarbons and semi-volatile organic compounds. Complete summaries of the substances detected in soil and groundwater are presented in the following documents prepared by Subsurface Consultants, Inc. (SCI):

1. Summary of Environmental Investigation/Remediation, 6707 Bay Street, Emeryville, California, dated May 23, 1994.

2. Supplemental MIBK Contamination Assessment, 6707 Bay Street, Emeryville, California, SCI 820.001, dated September 21, 1994.

These documents are contained within the public record, and are on file at the Alameda County Health Care Services Agency Environmental Health Services Department. Because of the presence of these substances, the Alameda County Health Care Services Agency and the California Regional Water Quality Control Board for the San Francisco Bay Region have imposed the following conditions and/or restrictions on the use of the property:

1. If soil is excavated, it may be considered hazardous waste under state and federal law;

2. Groundwater from the site is not usable for domestic, irrigation or industrial purposes.

3. If future construction includes structures extending below the groundwater level (that being approximately 7 to 10 feet), groundwater generated during dewatering operations will require treatment prior to discharge;

4. An approved Health and Safety Plan will be required by the Alameda County Health Care Services Agency (ACHCSA) prior to any work requiring significant subsurface excavations; and
5. An environmental risk assessment may be required by the ACHCSA if any significant change in land use is proposed.

Dated: Oct 20, 1994, 1994 By: John Nady
John Nady
OWNER

State of California)
) SS.
County of San Francisco)

95016143

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT No. 5907

State of CALIFORNIA

County of ALAMEDA

On OCTOBER 20TH 1994 (DATE) before me, JOGINDER SINGH SOND NOTARY PUBLIC (NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC")

personally appeared JOHN NADY (NAME(S) OF SIGNER(S))

☐ personally known to me - **OR** - ☑ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

OFFICIAL SEAL
Joginder Singh Sond
NOTARY PUBLIC - CALIFORNIA
ALAMEDA COUNTY
My Comm. Expires Jan. 17, 1995

WITNESS my hand and official seal.

Joginder Singh Sond

SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

☐ INDIVIDUAL
☐ CORPORATE OFFICER

TITLE(S)

☐ PARTNER(S) ☐ LIMITED ☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☒ OTHER: OWNER

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

DESCRIPTION OF ATTACHED DOCUMENT

ENVIRONMENTAL REMEDIATION NOTICE
TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

10-20-94
DATE OF DOCUMENT

NONE
SIGNER(S) OTHER THAN NAMED ABOVE

©1993 NATIONAL NOTARY ASSOCIATION • 8236 Remmet Ave., P.O. Box 7184 • Canoga Park, CA 91309-7184

95016143

On this the __ day of October, 1994, before me, _____, the undersigned Notary Public, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

_____

Notary's Signature

EXHIBIT A

95016143

ORDER NO. 101577

(90070780)

The land referred to in this report is situated in the state of California, County of ALAMEDA, and is described as follows:

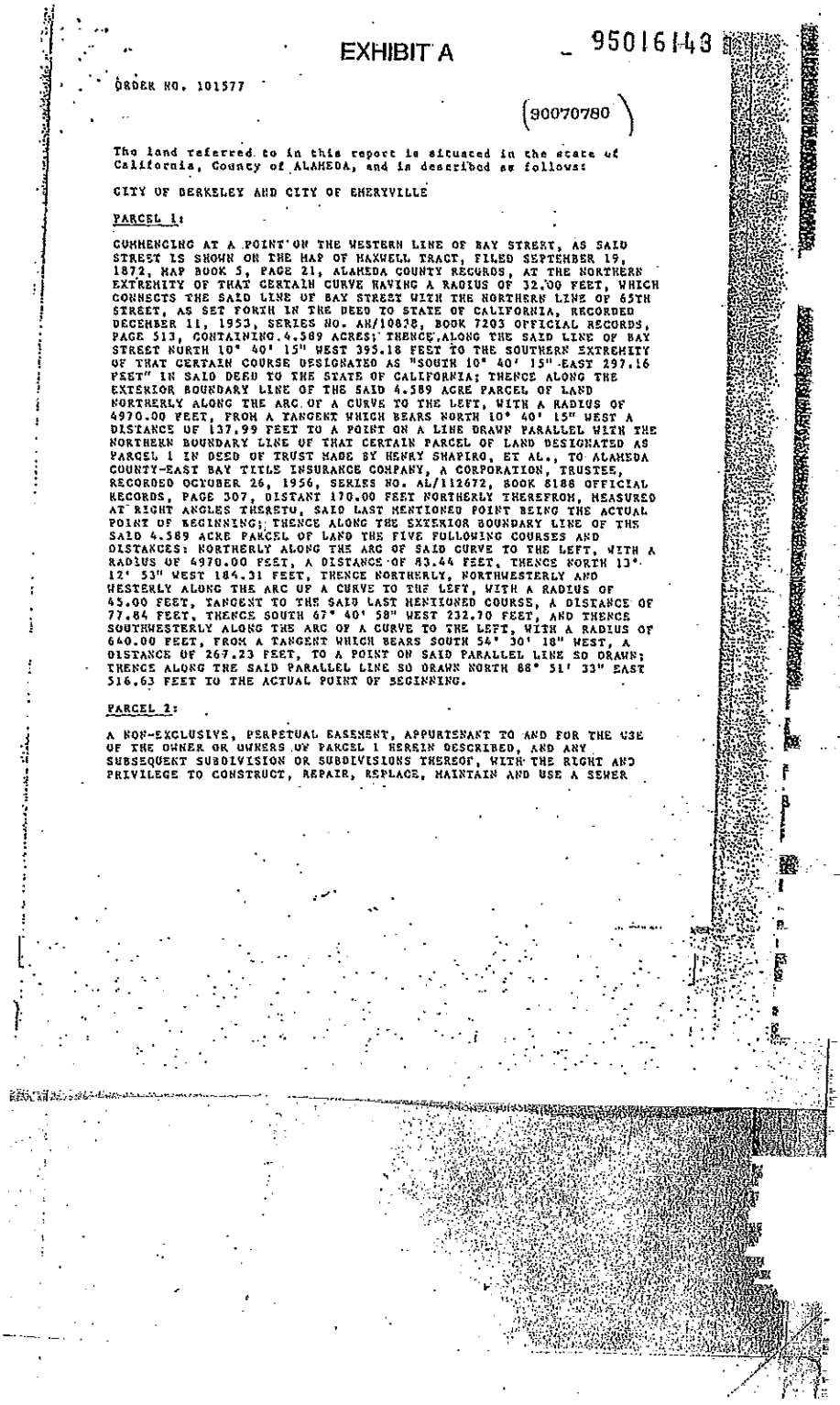
CITY OF BERKELEY AND CITY OF EMERYVILLE

PARCEL 1:

COMMENCING AT A POINT ON THE WESTERN LINE OF BAY STREET, AS SAID STREET IS SHOWN ON THE MAP OF MAXWELL TRACT, FILED SEPTEMBER 19, 1872, MAP BOOK 5, PAGE 21, ALAMEDA COUNTY RECORDS, AT THE NORTHERN EXTREMITY OF THAT CERTAIN CURVE HAVING A RADIUS OF 32.00 FEET, WHICH CONNECTS THE SAID LINE OF BAY STREET WITH THE NORTHERN LINE OF 65TH STREET, AS SET FORTH IN THE DEED TO STATE OF CALIFORNIA, RECORDED DECEMBER 11, 1953, SERIES NO. AH/10838, BOOK 7203 OFFICIAL RECORDS, PAGE 513, CONTAINING 4.589 ACRES; THENCE ALONG THE SAID LINE OF BAY STREET NORTH 10° 40' 15" WEST 395.18 FEET TO THE SOUTHERN EXTREMITY OF THAT CERTAIN COURSE DESIGNATED AS "SOUTH 10° 40' 15" EAST 297.16 FEET" IN SAID DEED TO THE STATE OF CALIFORNIA; THENCE ALONG THE EXTERIOR BOUNDARY LINE OF THE SAID 4.589 ACRE PARCEL OF LAND NORTHERLY ALONG THE ARC OF A CURVE TO THE LEFT, WITH A RADIUS OF 4970.00 FEET, FROM A TANGENT WHICH BEARS NORTH 10° 40' 15" WEST A DISTANCE OF 137.99 FEET TO A POINT ON A LINE DRAWN PARALLEL WITH THE NORTHERN BOUNDARY LINE OF THAT CERTAIN PARCEL OF LAND DESIGNATED AS PARCEL 1 IN DEED OF TRUST MADE BY HENRY SHAPIRO, ET AL., TO ALAMEDA COUNTY-EAST BAY TITLE INSURANCE COMPANY, A CORPORATION, TRUSTEE, RECORDED OCTOBER 26, 1956, SERIES NO. AL/112672, BOOK 8188 OFFICIAL RECORDS, PAGE 307, DISTANT 170.00 FEET NORTHERLY THEREFROM, MEASURED AT RIGHT ANGLES THERETO, SAID LAST MENTIONED POINT BEING THE ACTUAL POINT OF BEGINNING; THENCE ALONG THE EXTERIOR BOUNDARY LINE OF THE SAID 4.589 ACRE PARCEL OF LAND THE FIVE FOLLOWING COURSES AND DISTANCES: NORTHERLY ALONG THE ARC OF SAID CURVE TO THE LEFT, WITH A RADIUS OF 4970.00 FEET, A DISTANCE OF 43.44 FEET, THENCE NORTH 13° 12' 53" WEST 184.31 FEET, THENCE NORTHERLY, NORTHWESTERLY AND WESTERLY ALONG THE ARC OF A CURVE TO THE LEFT, WITH A RADIUS OF 45.00 FEET, TANGENT TO THE SAID LAST MENTIONED COURSE, A DISTANCE OF 77.84 FEET, THENCE SOUTH 67° 40' 58" WEST 232.70 FEET, AND THENCE SOUTHWESTERLY ALONG THE ARC OF A CURVE TO THE LEFT, WITH A RADIUS OF 640.00 FEET, FROM A TANGENT WHICH BEARS SOUTH 54° 30' 18" WEST, A DISTANCE OF 267.23 FEET, TO A POINT ON SAID PARALLEL LINE SO DRAWN; THENCE ALONG THE SAID PARALLEL LINE SO DRAWN NORTH 88° 51' 33" EAST 516.63 FEET TO THE ACTUAL POINT OF BEGINNING.

PARCEL 2:

A NON-EXCLUSIVE, PERPETUAL EASEMENT, APPURTENANT TO AND FOR THE USE OF THE OWNER OR OWNERS OF PARCEL 1 HEREIN DESCRIBED, AND ANY SUBSEQUENT SUBDIVISION OR SUBDIVISIONS THEREOF, WITH THE RIGHT AND PRIVILEGE TO CONSTRUCT, REPAIR, REPLACE, MAINTAIN AND USE A SEWER



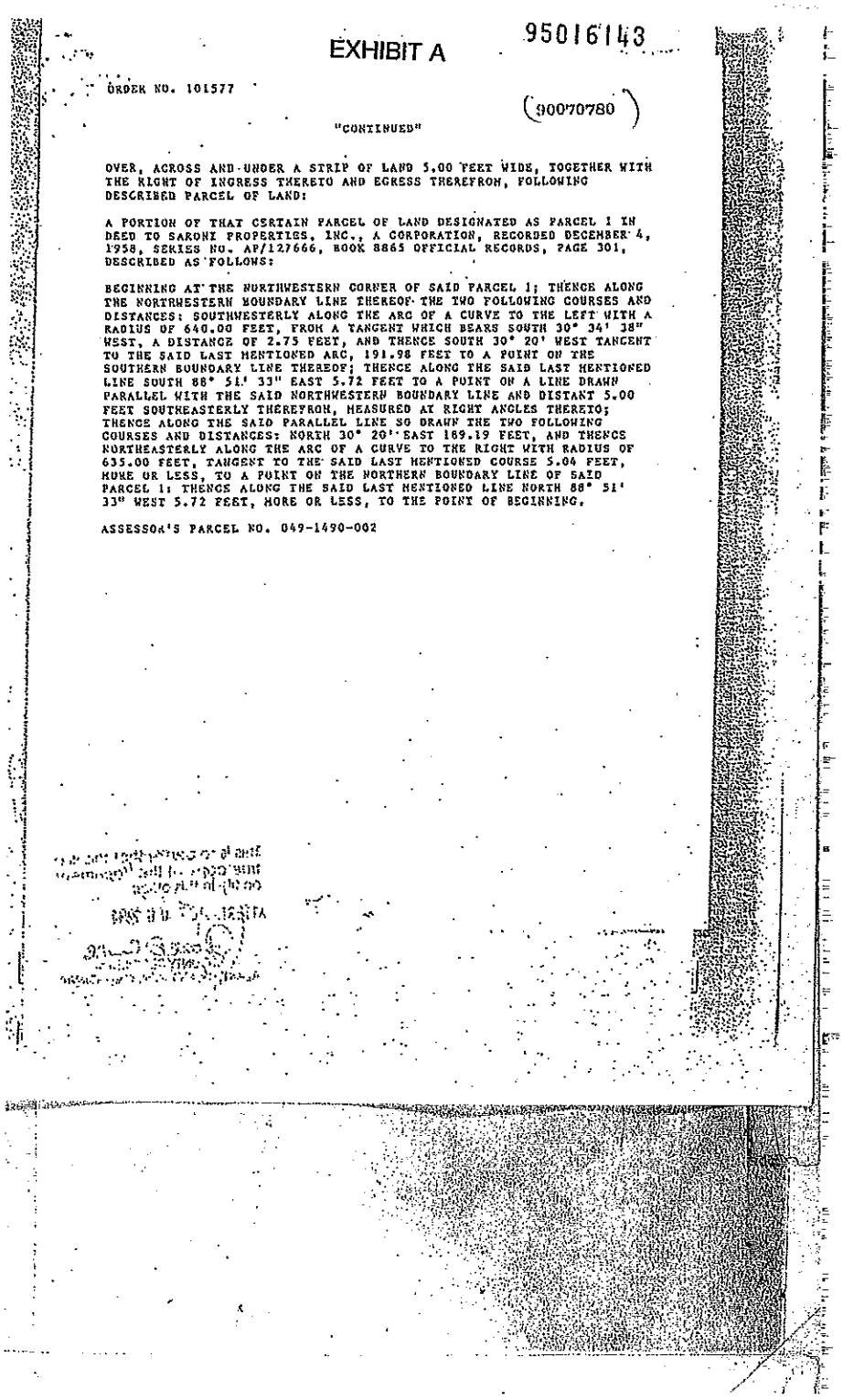


EXHIBIT A

95016143

ORDER NO. 101577

(90070780)

"CONTINUED"

OVER, ACROSS AND UNDER A STRIP OF LAND 5.00 FEET WIDE, TOGETHER WITH THE RIGHT OF INGRESS THERETO AND EGRESS THEREFROM, FOLLOWING DESCRIBED PARCEL OF LAND:

A PORTION OF THAT CERTAIN PARCEL OF LAND DESIGNATED AS PARCEL 1 IN DEED TO SARONI PROPERTIES, INC., A CORPORATION, RECORDED DECEMBER 4, 1958, SERIES NO. AP/127666, BOOK 8865 OFFICIAL RECORDS, PAGE 301, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWESTERN CORNER OF SAID PARCEL 1; THENCE ALONG THE NORTHWESTERN BOUNDARY LINE THEREOF THE TWO FOLLOWING COURSES AND DISTANCES: SOUTHWESTERLY ALONG THE ARC OF A CURVE TO THE LEFT WITH A RADIUS OF 640.00 FEET, FROM A TANGENT WHICH BEARS SOUTH 30° 34' 38" WEST, A DISTANCE OF 2.75 FEET, AND THENCE SOUTH 30° 20' WEST TANGENT TO THE SAID LAST MENTIONED ARC, 191.98 FEET TO A POINT ON THE SOUTHERN BOUNDARY LINE THEREOF; THENCE ALONG THE SAID LAST MENTIONED LINE SOUTH 88° 51' 33" EAST 5.72 FEET TO A POINT ON A LINE DRAWN PARALLEL WITH THE SAID NORTHWESTERN BOUNDARY LINE AND DISTANT 5.00 FEET SOUTHEASTERLY THEREFROM, MEASURED AT RIGHT ANGLES THERETO; THENCE ALONG THE SAID PARALLEL LINE SO DRAWN THE TWO FOLLOWING COURSES AND DISTANCES: NORTH 30° 20' EAST 189.19 FEET, AND THENCE NORTHEASTERLY ALONG THE ARC OF A CURVE TO THE RIGHT WITH RADIUS OF 635.00 FEET, TANGENT TO THE SAID LAST MENTIONED COURSE 5.04 FEET, MORE OR LESS, TO A POINT ON THE NORTHERN BOUNDARY LINE OF SAID PARCEL 1; THENCE ALONG THE SAID LAST MENTIONED LINE NORTH 88° 51' 33" WEST 5.72 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

ASSESSOR'S PARCEL NO. 049-1490-002

Appendix D.3

Conditional Case Closure Letter

Nady's Systems, Inc. (Former MRCP) – 6707 Bay Street, Emeryville, California
Prepared by ACHCS
Dated December 16, 1996

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

December 16, 1996
SLIC # 414

Mr. James J. McClay
MRCP Realty
6262 Hollis Street
Emeryville, California 94608

Mr. Charles Tsou
Nady Systems, Inc.
6701 Bay Street
Emeryville, California 94608

RE: Nady's Systems, Inc. (Former MRCP) - 6707 Bay Street, Emeryville, CA 94608

Dear Messrs. Mclay and Tsou:

This office is currently preparing a case closure summary for the above referenced site. The closure document will be submitted to the Regional Water Quality Control Board (RWQCB) for concurrence that further remediation and /or monitoring related to the former underground storage tanks removed from the site is not required. However, the recorded deed notice must be modified to include the following risk management measures:

1) **The shallow groundwater beneath the site shall not be used.** This statement should replace condition # 2 as recorded in the previous deed notice.

2) **Appropriate Health and Safety plans shall be prepared prior to and followed during any activities involving exposure to pollution in soil or groundwater.** This statement should replace condition #4.

3) **A health risk assessment shall be required if a change in land use, structural configuration or site activities are proposed such that more conservative scenarios should be evaluated.** This statement should replace condition # 5.

4) **Potential vertical conduits between the shallow and deeper aquifers shall not be created.** This statement should be added as condition # 6.

A copy of the recorded deed notice with the risk management measures listed above must be submitted to this office and the City of Emeryville Planning / Building Dept.

I will be submitting the case closure summary to RWQCB concurrently while modification to the deed notice is in progress. The closure letter will be issued by this office after receiving the case closure summary signed by the RWQCB and a copy of the recorded deed notice.

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

Sincerely,

Susan L. Hugo

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
William Rudolph, SCI, 3736 Mt. Diablo Blvd., Suite 200, Lafayette, CA 94549
Maureen Bennett, Graham & James, One Maritime Plaza, Suite 300
San Francisco, CA 94111
SH / files

Appendix D.4

Historical Environmental Sampling Data

Table D4-1 - Historical Total Petroleum Hydrocarbons (TPH) Data
Nady Systems

Borehole ID	Date	Rationale	Sample Depths	TPH (mg/kg)		
				Oil & Grease	TEPH	Total VOCs
IS-1	4/26/1989	Drum Area	3.5	**1,915**	**46**	ND<10
			7	**3,390**	**200**	ND<10
			10	**36,535**	ND<10	ND<10
IS-2	4/26/1989	Drum Area	3	**1,305**	**50**	ND<10
			8.5	**2,185**	ND<10	**300**
B-1/MW-1	7/5/1989	West of Tanks	5.5	**845**	**12**	ND<10
			10.5	ND<50	ND<10	ND<10
			16	**1,600**	**63**	ND<10
			20.5	**80**	ND<10	ND<10
			25.5	**95**	ND<10	ND<10
			30.5	ND<50	ND<10	ND<10
B-2	7/5/1989	West of office	0.5	ND<50	ND<10	ND<10
			6	**1,160**	**19**	ND<10
			10	**14,900**	**172**	**20**
			16	ND<50	ND<10	ND<10
B-3/MW-3	8/28/1989	SE of Tanks	5	**1,845**	**30**	ND<10
			12	**95**	**20**	ND<10
			15	**625**	**260**	**120**
			20	ND<20	ND<10	ND<10
			25	**20**	ND<10	ND<10
B-4	8/28/1989	Location unknown	4.5	**6,685**	ND<10	ND<10
			10	**25,470**	**170**	ND<10
			14.5	ND<20	ND<10	ND<10
B-5/MW-5	8/31/1989	At trench and drum area	6	**330**	ND<10	ND<10
			11	**3,580**	**15**	**25**
			15.5	**1,200**	**15**	**20**
			22.5	**110**	**20**	ND<10
			25.5	**115**	ND<10	ND<10
B-6/MW-6	8/31/1989	NW site boundary	20.5	**100**	ND<10	ND<10
			25.5	**190**	ND<10	ND<10
SS-1-E	10/5/1989	UST Confirmation	2' Beneath UST	--	**12**	**12**
SS-2-W	10/5/1989	UST Confirmation	2' Beneath UST	--	**11**	ND<10
SS-3-E	10/5/1989	UST Confirmation	2' Beneath UST	--	ND<10	ND<10
SS-4-W	10/5/1989	UST Confirmation	2' Beneath UST	--	**60**	**240**
SS-5-E	10/5/1989	UST Confirmation	2' Beneath UST	--	**35**	**115**
SS-6-W	10/5/1989	UST Confirmation	2' Beneath UST	--	**700**	**460**
B-7/MW-7	1/3/1990	Drum Area	4	**9,000**	ND<10	ND<10
			9	**8,800**	**788**	ND<10
B-8/MW-8	1/3/1990	Downgradient of USTs	4	**2,000**	ND<10	ND<10
			9	**20,000**	ND<10	ND<10
B-9	1/4/1990	At sump	4	**23,000**	ND<10	ND<10
			9	**15,000**	**5,050**	ND<10
B-10	1/4/1990	NW part of site	4	**9,500**	**380**	ND<10
			9	**6,300**	ND<10	ND<10
B-11	1/4/1990	Between office and warehouse	4	**45,000**	ND<10	ND<10
			9	**30,400**	ND<10	ND<10
B-12	1/4/1990	N of office	4	**12,000**	ND<10	ND<10
			9	**38,800**	ND<10	ND<10
B-13	1/4/1990	N part of site	4	**9,400**	ND<10	ND<10
			9	**3,000**	ND<10	ND<10
Sump	1/5/1990	Sump Excavation	Confirmation	**10,500**	ND<10	ND<10
MW-9	4/13/1994	W of Tank Excavation	8.5	--	ND<1	--
			15.5	**470**	--	--
MW-10	4/14/1994	N of Tank Excavation	9.5	--		
			15.5	**9,400**	**7,300**	**2**
T-1	4/13/1994	S of tank excavation	8	--	--	--
			14	--	**96**	ND<1
T-2	4/13/1994	SE tank excavation	6	**160**	**40**	--
			8.5	--	--	ND<1
T-3	4/13/1994	Bottom tank excavation	8	--	--	ND<1
			14.5	--	--	--
T-4	4/14/1994	SW tank excavation	9	--	--	ND<1
			14.5	--	--	--
T-5	4/14/1994	W of tank excavation	5	**710**	ND<10	ND<1
			9	ND<50	ND<1	ND<1
			14.5	--	--	--
T-7	4/14/1994	NW tank excavation	7.5	**68**	ND<10	ND<1
			14	--	ND<20	160
ESL - Shallow Soil, Residential, Non-Drinking Water Resource Area [1]				*500*	*100*	*na*

Notes:
exceeds regulatory criteria
Only locations with detected TPH and/or Total VOC data are shown.
mg/kg: milligrams per kilogram
na: not available
ND<##: Not detected at or above laboratory reporting limit shown.
TEPH: Total Extractable Petroleum Hydrocarbons
TPH: Total Petroleum Hydrocarbons
VOCs: Volatile Organic Compounds
UST: Underground storage tank
1. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)* . February.

Table D4-2 - Historical Volatile OrganicCompound (VOC) Data
Nady Systems

Borehole ID	Date	Rationale	Sample Depths (ft bgs)	VOCs (ug/kg)											
				Acetone	Benzene	Ethylbenzene	Toluene	Total Xylenes	MIBK	1,2-DCB	1,3-DCB	1,4-DCB	MEK	Carbon Disulfide	Methylene Chloride
SS-1-E	10/5/1989	UST Confirmation	2' Beneath UST	ND<200,000	**1,300**	**40**	NR	**300**	**600,000**	ND<30	**120**	**260**	ND<200,000	ND<80,000	ND<30
SS-2-W	10/5/1989	UST Confirmation	2' Beneath UST	ND<20	**230**	**30**	**60**	**50**	**20**	ND<30	ND<30	ND<30	ND<20	ND<3	ND<30
SS-3-E	10/5/1989	UST Confirmation	2' Beneath UST	**40**	ND<30	ND<30	**50**	**35**	ND<20	ND<30	ND<30	ND<30	ND<20	ND<3	ND<30
SS-4-W	10/5/1989	UST Confirmation	2' Beneath UST	ND<2,000,000	**1,400**	110	NR	**1,100**	**3,300,000**	**70**	**2,000**	**2,400**	ND<2,000,000	ND<800,000	ND<30
SS-5-E	10/5/1989	UST Confirmation	2' Beneath UST	ND<400,000	ND<300	ND<300	NR	**1,000**	**180,000**	ND<30	ND<30	ND<30	ND<40,000	ND<20,000	ND<30
SS-6-W	10/5/1989	UST Confirmation	2' Beneath UST	ND<2,000,000	**4,600**	ND<1,500	NR	**7,500**	**5,000,000**	ND<30	ND<30	ND<30	ND<2,000,000	ND<800,000	ND<30
B-7/MW-7	1/3/1990	Drum Area	4	ND<50	ND<10	ND<10	ND<10	ND<10	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
			9	ND<50	ND<10	**250**	**61**	**1,020**	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
B-8/MW-8	1/3/1990	Downgradient of USTs	4	ND<50	ND<10	ND<10	ND<10	ND<10	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
			9	ND<50	ND<100	ND<100	ND<100	ND<100	**8,300**	ND<100	ND<100	ND<100	ND<500	ND<100	ND<50
B-9	1/4/1990	At sump	4	ND<50	ND<10	ND<10	**12**	ND<10	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
			9	ND<50	**54**	**140**	**26**	**380**	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
B-11	1/4/1990	Between office and warehouse	4	ND<50	ND<10	ND<10	**15**	ND<10	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
			9	ND<50	ND<10	ND<10	ND<10	ND<10	ND<30	ND<10	ND<10	ND<10	ND<50	ND<10	ND<50
PB-1	9/5/1991	Soil Boring in tank area	6	ND<20	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	**2**	ND<5	ND<20	ND<5	ND<5
			8.5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<10	**3**	**4**	ND<5	ND<20	ND<5	ND<5
PB-2	9/5/1991	Soil Boring in tank area	5.5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5
			8	ND<20	**5**	ND<5	ND<5	ND<5	ND<10	**4**	**4**	ND<5	ND<20	ND<5	ND<5
MW-9	4/13/1994	W of Tank Excavation	8.5	**70**	ND<5	ND<5	ND<5	ND<5	**6**	NR	NR	NR	**10**	ND<5	ND<10
			15.5	**140**	**4**	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**20**	ND<5	ND<10
MW-10	4/14/1994	N of Tank Excavation	9.5	**30**	ND<5	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	ND<10	ND<5	ND<10
			15.5	**320**	ND<10	ND<10	ND<10	ND<10	**11**	NR	NR	NR	**120**	**20**	**40**
T-2	4/13/1994	SE tank excavation	6	--	--	--	--	--	--	--	--	--	--	--	--
			8.5	**110**	ND<5	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**20**	ND<5	ND<10
T-3	4/13/1994	Bottom tank excavation	8	**70**	**4**	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**10**	ND<5	ND<10
			14.5	**100**	ND<5	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**20**	ND<5	ND<10
T-4	4/14/1994	SW tank excavation	9	**50**	ND<5	ND<5	ND<5	ND<5	**10**	NR	NR	NR	**8**	**4**	ND<10
			14.5	**160**	ND<5	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**40**	ND<5	ND<10
T-5	4/14/1994	W of tank excavation	5	--	--	--	--	--	--	--	--	--	--	--	--
			9	**20**	ND<5	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	ND<10	ND<5	ND<10
			14.5	ND<20	**12**	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**10**	ND<5	ND<10
T-6	4/14/1994	NE tank excavation	7.5	**100**	ND<5	ND<5	ND<5	ND<5	**6**	NR	NR	NR	**10**	ND<5	ND<10
			14	ND<100	ND<30	ND<30	ND<30	ND<30	ND<50	NR	NR	NR	ND<50	ND<30	ND<50
T-7	4/14/1994	NW tank excavation	7.5	**30**	ND<5	ND<5	ND<5	ND<5	ND<10	NR	NR	NR	**9**	ND<5	ND<10
			14	ND<1,000	ND<1,000	**600**	ND<300	ND<300	**500**	NR	NR	NR	ND<500	ND<300	ND<500
ESL - Shallow Soil, Residential, Non-Drinking Water Resource Area [1]				*500*	*44*	*2,900*	*2,900*	*2,300*	*2,800*	*1,100*	*7,400*	*590*	*6,500*	*na*	*77*

Notes:
exceeds regulatory criteria
Only locations with detected VOCs are shown.
Only detected compounds are shown.
ug/kg: micrograms per kilogram
bgs: below ground surface
DCB: dichlorobenzene
MEK: Methyl ethyl ketone
MIBK: Methyl isobutyl ketone
na: not available
ND<##: Not detected at or above laboratory reporting limit shown
TCA: trichloroethane
TCE: trichloroethene
UST: Underground storage tank
1. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)* . February.

Table D4-3 - Historical Semi-Volatile Organic Compound (SVOC) Data
Nady Systems

Borehole ID	Date	Rationale	Sample Depths	SVOCs (ug/kg)														
				Benzo(a) anthracene	Benzo(a) pyrene	Benzo(k) fluoranthene	Chrysene	Fluor-anthene	Isophor-one	2-Methyl naphthal-ene	Naphthal-ene	Nitro-benzene	Phen-anthrene	Pyrene	Bis (2-ethylhexyl) phthalate	4-Methyl phenol	1,2,4-TCB
SS-3-E	10/5/1989	UST Confirmation	2' Beneath UST	ND<30	ND<30	ND<30	ND<70	ND<30	ND<30	ND<30	ND<30	ND<30	ND<30	ND<30	ND<300	**200**	**200**
SS-5-E	10/5/1989	UST Confirmation	2' Beneath UST	ND<200	ND<200	ND<200	ND<400	ND<200	ND<200	**1,000**	**300**	ND<200	ND<200	ND<200	ND<2,000	ND<200	ND<200
B-7/MW-7	1/3/1990	Drum Area	4	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<2,000	ND<300	ND<300
			9	ND<300	ND<300	ND<300	**390**	**320**	ND<300	**1,500**	**750**	ND<300	**530**	**380**	ND<2,000	ND<300	ND<300
B-8/MW-8	1/3/1990	Downgradient of USTs	4	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<2,000	ND<300	ND<300
			9	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	**410**	ND<2,000	ND<300	ND<300
B-9	1/4/1990	At sump	4	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<2,000	ND<300	ND<300
			9	ND<300	ND<300	ND<300	**690**	**340**	ND<300	**1,100**	**8,900**	ND<300	**590**	**550**	ND<2,000	ND<300	ND<300
B-11	1/4/1990	Between office and warehouse	4	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	**320**	ND<2,000	ND<300	ND<300
			9	**580**	ND<300	ND<300	**820**	**1,100**	ND<300	ND<300	ND<300	ND<300	**560**	**1,800**	ND<2,000	ND<300	ND<300
B-12	1/4/1990	N of office	4	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	**370**	ND<2,000	ND<300	ND<300
			9	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<2,000	ND<300	ND<300
B-13	1/4/1990	N part of site	4	ND<300	**470**	ND<300	**390**	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	**920**	ND<2,000	ND<300	ND<300
			9	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<2,000	ND<300	ND<300
MW-9	4/13/1994	W of Tank Excavation	8.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			15.5	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	**400**	ND<300	ND<300
T-2	4/13/1994	SE tank excavation	6	ND<300	ND<300	**200**	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300
			8.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-5	4/14/1994	W of tank excavation	5	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000	ND<3,000
			9	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	ND<300	**400**	ND<300	ND<300
			14.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CHHSL - Residential [1]				*na*	*38*	*na*	*na*	*na*	*na*	*na*	*na*	*na*	*na*	*na*	*na*	*na*	*na*
ESL - Shallow Soil, Residential, Non-Drinking Water Resource Area [2]				*380*	*38*	*380*	*3,800*	*40,000*	*na*	*250*	*1,700*	*na*	*11,000*	*85,000*	*160,000*	*na*	*7,600*

Notes:
exceeds regulatory criteria
Only locations with detected SVOCs are shown.
Only detected compounds are shown.
na: not available
ND<##: Not detected at or above laboratory reporting limit shown
SVOCs: Semivolatile Organic Compounds
TCB: trichlorobenzene
ug/kg: micrograms per kilogram
UST: Underground storage tank

1. California EPA, 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties (Revised 2009)* . January.
2. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)* . February.

Table D4-4 - Historical Metals Data
Nady Systems

Borehole ID	Date	Rationale	Sample Depths (ft bgs)	Metals (mg/kg)														
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Silver	Vanadium	Zinc
IS-1	4/26/1989	Drum Area	3.5	6.5	ND<2.2	110	0.05	4.1	20.1	5.6	70	100	ND<5	1.2	32.1	15.2	15.4	200
			7	1.4	ND<2.2	130	ND<0.025	4.2	21.5	6.4	104	130	ND<5	ND<1	31.5	ND<0.1	17.3	48.9
			10	1.6	ND<2.2	255	ND<0.025	10.2	63.5	11.4	1,042	4,300	ND<5	3.7	42.6	ND<0.1	17.3	5,400
IS-2	4/26/1989	Drum Area	3	ND<1	ND<2.2	90	ND<0.025	3.2	18.5	6	56.7	90	ND<5	1.2	30.9	ND<0.1	15.6	270
			8.5	ND<1	ND<2.2	35.7	ND<0.025	1.5	6.6	2.8	13.8	5.3	ND<5	ND<1	15.5	ND<0.1	6.7	22.9
B-1/MW-1	7/5/1989	West of Tanks	5.5	ND<1	ND<2.2	92	ND<0.025	1.4	13	5.7	28	61	ND<5	ND<1	14	ND<0.1	15	94
			10.5	ND<1	ND<2.2	21	ND<0.025	0.6	12.5	2.6	4	3	ND<5	ND<1	12.7	ND<0.1	7	5.4
			16	4	ND<2.2	78	ND<0.025	12	42	12.4	15.3	160	ND<5	2.4	30	ND<0.1	32	6,040
			20.5	ND<1	ND<2.2	61	ND<0.025	2.4	15	4.5	23	77	ND<5	ND<1	19	ND<0.1	12	106
			25.5	ND<1	ND<2.2	67	ND<0.025	2	10	8	13	8	ND<5	ND<1	24	ND<0.1	12	27
			30.5	ND<1	ND<2.2	23	ND<0.025	1.2	9.9	3.6	7.4	4.5	ND<5	ND<1	22	ND<0.1	6.7	15
B-2	7/5/1989	West of office	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			6	1.2	ND<2.2	109	ND<0.025	1.6	11.8	5	92	167	ND<5	ND<1	18.5	ND<0.1	9.7	67
			10	ND<1	ND<2.2	41	ND<0.025	ND<0.3	12.7	2.7	22.5	1,360	ND<5	ND<1	12.5	ND<0.1	13	532
			16	1.2	ND<2.2	95	ND<0.025	2.4	43	12	10	11	ND<5	ND<1	79	ND<0.1	10	23
			20.5	ND<1	ND<2.2	35	ND<0.025	1.4	7.8	1.9	9	8.7	ND<5	ND<1	16.6	ND<0.1	17	11
B-5/MW-5	8/31/1989	At trench and drum area	6	ND<1	ND<2.2	29.2	ND<0.025	0.5	13.5	3.4	13.3	9.7	ND<5	ND<1	18	ND<0.1	12	52
			11	1.05	ND<2.2	167.1	ND<0.025	2.15	15.2	8.7	64	164	ND<5	ND<1	22	ND<0.1	23.4	200
			15.5	3.85	ND<2.2	661	ND<0.025	4.5	22.4	8.2	200	1,270	ND<5	ND<1	26.8	ND<0.1	20	1420
			22.5	ND<1	ND<2.2	1,150	ND<0.025	3.8	19	40	44.2	24	ND<5	ND<1	151	ND<0.1	58.3	58.6
			25.5	ND<1	ND<2.2	158	ND<0.025	3.1	21	12.3	22.6	12	ND<5	ND<1	54	ND<0.1	31	42
B-6/MW-6	8/31/1989	NW site boundary	20.5	ND<1	ND<2.2	250	ND<0.025	3.5	23	19	22.5	15.3	ND<5	ND<1	48	ND<0.1	53	47
			25.5	ND<1	ND<2.2	56.5	ND<0.025	3.3	25	11	22	15	ND<5	ND<1	54	ND<0.1	25	42.6
B-7/MW-7	1/3/1990	Drum Area	4	ND<10	ND<16	140	0.48	ND<0.7	32	8.6	27	ND<12	ND<0.09	ND<1	28	ND<0.4	36	79
			9	ND<10	ND<16	24	0.13	ND<0.7	21	ND<2	3.6	ND<12	0.088	ND<1	16	ND<0.4	12	310
B-8/MW-8	1/3/1990	Downgradient of USTs	4	ND<10	ND<16	42	0.16	ND<0.7	27	2.8	18	ND<12	ND<0.009	ND<1	18	ND<0.4	15	75
			9	ND<10	ND<16	85	0.15	ND<0.7	9.6	ND<2	41	24	0.36	ND<1	6.8	ND<0.4	8.5	120
B-9	1/4/1990	At sump	4	ND<10	ND<16	140	0.41	ND<0.7	33	7.4	55	41	0.45	ND<1	32	ND<0.4	31	120
			9	ND<16	ND<16	610	0.31	44	180	15	2,300	980	0.66	27	350	ND<0.4	26	6,200
B-10	1/4/1990	NW part of site	4	ND<10	ND<16	33	0.05	ND<0.7	23	ND<2	39	42	0.1	ND<1	10	ND<0.4	5	95
			9	ND<16	21	590	0.33	1.3	34	6.9	140	1,500	0.62	ND<1	24	ND<0.4	28	410
B-11	1/4/1990	tween office and wareho	4	ND<10	ND<16	240	0.36	1	22	5.4	44	72	0.092	ND<1	25	ND<0.4	21	940
			9	ND<10	ND<16	160	0.31	0.7	21	3.6	ND<4,500	55	0.012	ND<1	24	ND<0.4	17	160
B-12	1/4/1990	N of office	4	ND<10	ND<16	89	0.23	ND<0.7	36	3.4	170	120	ND<0.009	ND<1	29	ND<0.4	21	150
			9	ND<28	38	540	0.26	7.7	190	28	2,200	3,000	ND<0.009	20	110	ND<0.4	23	3,600
B-13	1/4/1990	N part of site	4	ND<10	ND<16	160	0.36	ND<0.7	62	6.5	120	520	ND<0.009	ND<1	42	ND<0.4	27	300
			9	ND<10	ND<16	37	0.15	ND<0.7	29	2.9	4.9	12	ND<0.009	ND<1	18	ND<0.4	15	210
Sump	1/5/1990	Sump Excavation	Confirmation	ND<10	ND<16	180	0.48	ND<0.7	95	10	49	62	0.022	ND<1	135	ND<0.4	39	150
MW-9	4/13/1994	W of Tank Excavation	8.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			15.5	ND<3	4.2	190	0.43	ND<0.25	26	12	30	19	ND<0.083	ND<1	36	ND<0.5	27	61
MW-10	4/14/1994	N of Tank Excavation	9.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			15.5	4.4	19	140	0.21	3.3	59	10	330	250	0.77	3.1	37	1.1	24	530
T-2	4/13/1994	SE tank excavation	6	5.1	9.3	170	0.23	1	25	8.7	2,100	330	ND<0.087	1.5	55	0.5	26	580
			8.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-5	4/14/1994	W of tank excavation	5	ND<2.9	6	130	0.31	0.27	25	9.2	60	61	0.21	ND<0.98	28	ND<0.49	26	88
			9	ND<3	ND<2.5	41	ND<0.10	ND<0.25	23	4.2	14	1.5	ND<0.087	ND<1	19	ND<0.5	15	18
			14.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
T-7	4/14/1994	NW tank excavation	7.5	ND<3	4.2	150	0.45	0.28	27	10	40	6.1	ND<0.087	ND<0.99	37	ND<0.5	27	62
			14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CHHSL - Residential [1]				*30*	*0.07*	*5,200*	*16*	*1.7*	*100,000*	*660*	*3,000*	*80*	*18*	*380*	*1,600*	*380*	*530*	*23,000*
ESL - Shallow Soil, Residential, Non-Drinking Water Resource Area [2]				*20*	*0.39*	*750*	*4*	*12*	*750*	*0.33*	*230*	*80*	*6.7*	*40*	*150*	*20*	*200*	*600*

Notes:
exceeds regulatory and California hazardous waste criteria
exceeds regulatory criteria
Only detected compounds are shown.
bgs: below ground surface
mg/kg: milligrams per kilogram
ND<##: Not detected at or above laboratory reporting limit shown
1. California EPA, 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties (Revised 2009)*. January.
2. San Francisco Bay Regional Water Quality Control Board (SF RWQCB), 2013. *2013 Tier 1 Environmental Screening Levels (ESLs)*. February.

Table D4-5- Historical PCBs Data
Nady Systems

Borehole ID	Date	Rationale	Sample Depths	PCBs (mg/kg)	
				Arochlor 1260	Other PCBs
B-7/MW-7	1/3/1990	Drum Area	4	ND<1	ND
			9	ND<1	ND
B-8/MW-8	1/3/1990	Downgradient of USTs	4	ND<1	ND
			9	**2.3**	ND
B-9	1/4/1990	At sump	4	ND<1	ND
			9	ND<1	ND
B-10	1/4/1990	NW part of site	4	ND<1	ND
			9	ND<1	ND
B-11	1/4/1990	Between office and warehouse	4	**2.2**	ND
			9	ND<1	ND
B-12	1/4/1990	N of office	4	ND<1	ND
			9	ND<1	ND
B-13	1/4/1990	N part of site	4	**3.1**	ND
			9	ND<1	ND
Sump	1/5/1990	Sump Excavation	Confirmation	**4.2**	ND
CHHSL - Residential [1]				*0.089*	*0.089*
ESL - Shallow Soil, Residential, Non-Drinking Water Resource Area [2]				*0.22*	*0.22*

Notes:
exceeds regulatory criteria
Only locations with detections are shown.
Only detected compounds are shown.
mg/kg: milligrams per kilogram
ND<##: Not detected at or above laboratory reporting limit shown
PCBs: Polychlorinated biphenyls
UST: Underground storage tank

Appendix E

Laboratory Analytical Reports

Appendix F

Qualifications of Environmental Professionals

Anne Wooster Gates, PE | Senior Manager

Emeryville, California
+ 1 510 420 2524 | agates@environcorp.com

Anne Gates has been a licensed professional engineer in California since 1987, with over 25 years of experience in consulting engineering related to environmental investigations, feasibility study analyses, civil/environmental design and remediation construction. For both private- and public-sector clients, she provides overall technical management related to investigation and remediation of contaminated property. She has prepared feasibility studies, engineering evaluations/cost analysis (EE/CA) reports and remedial action plans (RAPs) to analyze and select alternatives for site remediation. The alternatives evaluated in these reports have included innovative technologies, risk management strategies and traditional remedies. For the past 10 years, Anne's environmental engineering work has focused on remediation of sites for the purposes of redevelopment. These projects have included preparation of detailed cost estimates for the design, construction and monitoring of environmental remediation alternatives. She has also provided expert testimony on projects involving environmental investigation and remediation.

EDUCATION

1988 MS, Civil Engineering (Oceans and Hydraulics), University of California, Berkeley

1984 BS, Civil Engineering, Stanford University

EXPERIENCE

Bay Street, Emeryville

- Worked closely with a private developer, the City of Emeryville Redevelopment Agency and the California DTSC to negotiate closure and redevelopment of a 20-acre former industrial site contaminated with heavy metals, benzene and pesticides /PCBs.
- Closure of the site was contingent upon implementation of deed restrictions and a risk management plan and Anne worked closely with the relevant agencies and the private developer to finalize the risk management plan and obtain site closure.
- Implemented the risk management plan during site construction and development activities. Additional contamination was found during development and Anne worked closely with the developer and DTSC to ensure the additional contamination was remediated. She is currently working with the developer on several cost recovery actions with respect to the additional contamination that was identified during development.

Bay Area Research and Extension Center (BAREC) in Santa Clara

- Assisting the State of California in investigating and remediating a former pesticide research and testing facility in Santa Clara, California. The 17-acre parcel is slated for redevelopment into single- and multi- family homes and a small park. Responsibilities include preparation of a Site Characterization Report and Remedial Action Workplan to obtain site closure from DTSC.

Mission Bay in San Francisco

- Assisted with Catellus's redevelopment of the one of the largest "Brownfields" developments in Northern California.
- Analyzed different remediation scenarios for petroleum hydrocarbons in soil and ground water and the potential impact of these remedies on future development activities.

- In addition, provided technical assistance with respect to risk communication and environmental risk management procedures to be performed during site redevelopment and construction.

San Quentin Prison

- Assisted the State of California in preparation of a study of alternatives for redevelopment of the roughly 200-acre San Quentin Prison. Responsible for identifying the redevelopment issues and costs related to potential releases of chemicals from current/former prison industries, the gas chamber and former waste disposal areas, assuming different land use scenarios.

City of Emeryville, Emeryvillage Project

- Successfully negotiated site closure with the California RWQCB for a former industrial site that was contaminated with petroleum hydrocarbons and VOCs in soil and ground water.
- Integral to negotiating this site closure was communication of potential environmental risks and risk management procedures to be followed during construction and redevelopment.

Comprehensive Engineering Design Packages

- Prepared comprehensive engineering design packages for implementation of selected remediation alternatives. The design packages typically include detailed plans and specifications; a cost estimate and schedule; a Basis of Design Report; Operation and Maintenance Plan; Waste Management Plan; System Monitoring and Sampling Plan; and Health and Safety Plan. She has prepared design packages which have involved the following:
  - Excavation and treatment of contaminated soil (hydrocarbons, PCBs, metals);
  - Ground-water pump and treat systems;
  - Dual phase extraction of ground-water and free-phase fuel hydrocarbons;
  - Vapor extraction for chlorinated VOCs and hydrocarbons; and
  - Landfill capping and containment systems.
- Examples of this experience include her work as project manager for closure of two solid waste landfills. Both projects involved preparation of an EE/CA to evaluate different closure alternatives, preparation of plans and specifications, and preparation of construction and environmental monitoring plans. Anne was instrumental in negotiating with EPA Region IX to accept closure of one of the landfills, which was located in a remote area using locally available materials. Although these materials did not directly meet the requirements of RCRA Subtitle D, Anne was able to demonstrate that they were adequate for protection of potentially-exposed populations and environmental receptors.

Additional Representative Project Examples

- Managed preparation of design plans and specifications for a vapor extraction system to remediate explosive levels of gasoline vapors and methane gas.
- Managed a remediation project for an active gas station and fuel oil recovery facility. Project involved implementation of a pilot-scale ground-water remediation system, site characterization sampling, collection of tidal monitoring data, aquifer-testing and use of ground-watering flow model to determine location and spacing of ground-water extraction wells and trenches to collect and extract floating hydrocarbons. Also evaluated different free phase hydrocarbon recovery system alternatives, developed plans and specifications for implementation of the selected remedial alternative, provided construction oversight during implementation, and provided operation, maintenance and performance monitoring of the final remedial alternative.

- Managed a remediation project for cleanup of diesel and fuel oil from a former power plant. Project involved site characterization sampling, collection of tidal monitoring data, aquifer-testing and use of a ground-watering flow model to determine location and spacing of ground-water extraction wells and trenches to collect and extract floating hydrocarbons. Also evaluated different free phase hydrocarbon recovery system alternatives, developed plans and specifications for implementation of the selected remedial alternative, provided construction oversight during implementation, and provided operation, maintenance and performance monitoring of the final remedial alternative.
- Managed an investigation and remediation of PCE-, TCE- and vinyl chloride-containing vapors at a laundry facility and adjacent elementary school. Project involved: investigating the extent of the vapor plume in soil gas and ambient air; performing a risk assessment and fate and transport modeling to determine whether adjacent school children were at risk; performing fate and transport modeling to determine whether potential marine ecological receptors were potentially impacted; performing a vapor extraction pilot-test to analyze remedial alternatives; evaluating removal action alternatives for cost, effectiveness and implementability; preparing plans and specifications for design of a horizontal and vertical vapor extraction system with a catalytic oxidation treatment system; and construction, operation and maintenance of the selected removal action alternative.
- Assisted with design, implementation and construction oversight of a remediation system for hydrocarbon contaminated soil at a former military base in Alaska. Project involved installation and operation of a soil vapor extraction system.
- Managed the design/analysis of an electrokinetic remediation system for cleanup of a former battery acid pit contaminated with lead. Project involved analysis of site-specific data to determine the applicability of the technology for the site and detailed comparisons of other technologies in terms of cost, effectiveness and implementability.
- Managed the preparation of a Removal Action Site Evaluation Report, Engineering Evaluation/Cost Analysis and engineering design package for closure of a landfill. Project involved collection/analysis of additional site data, evaluation of different landfill capping alternatives performance of a streamlined risk assessment and development of a ground-water monitoring plan. Project also involved assessing engineering risks with future development of the closed landfill. Successfully negotiated with USEPA to obtain an exemption from RCRA Subtitle D landfill closure requirements because it was demonstrated that the selected alternative was effective in minimizing risks associated with the former landfill.
- Managed preparation of an Engineering Evaluation/Cost Analysis and plans and specifications for closure of an oily waste pit. Project included analysis and design of alternatives for remediating oily contaminated soil and design of a protective cap to prevent the migration of gases to the ground surface.
- Provided litigation support in cases involving the responsibility, extent and remediation costs of soil and ground water contamination, consistency of remedial investigations and remedial/removal actions with the NCP, and Superfund cost allocation.
  - Provided litigation support regarding the extent and source of petroleum releases at a site adjacent to San Diego Bay.
  - Provided litigation support regarding the extent and source of contamination and the allocation of remedial costs among various PRPs at a former foundry and wood-stove manufacturing site in Alameda County, California
  - Prepared a cost allocation analysis for litigation involving remediation of hydrocarbons at the San Francisco airport.

- Prepared a cost analysis of various cleanup alternatives for cadmium contaminated ground water at a State NPL site in South Carolina.

Other Environmental Projects

- Assisted with preparation and development of a ground-water monitoring plan for a hazardous waste landfill. Assisted with vadose zone and ground-water modeling to simulate leaks from waste management units (WMUs) and for determination of the location and spacing of ground-water monitoring wells. Designed a vadose zone monitoring system using an additional model to simulate releases of moisture from a newly constructed WMU due to consolidation of the WMUs clay liner. The project also included design and installation of the vadose zone and ground-water monitoring system and additional ground-water modeling studies to determine if a deep (>800 feet) water supply well had a hydraulic effect on the shallow ground-water monitoring well system.
- Assisted in investigation and characterization of solid waste management units and report preparation as part of a RCRA Facility Investigation.
- Prepared a solid waste management permit application for nonhazardous waste disposal units at a waste disposal facility.
- Assisted in chemical characterization of waste disposed in landfill for modeling air emission rates from active hazardous waste landfill. Results of model were basis for air permit application for hazardous waste landfill.
- Performed environmental assessments of several solid waste/sanitary landfills in Michigan, Indiana, Oklahoma for possible conversion to hazardous waste facilities. Project involved assessing engineering feasibility for landfill unit conversion and expansion, review of historical regulatory compliance, and potential for release of contaminants from landfill wastes.
- Performed environmental compliance audits, due diligence reviews and site assessments of more than 50 facilities to identify environmental liabilities associated with federal, state and local regulations (e.g., CERCLA, RCRA, wastewater, Federal Safe Drinking Water Act, air emissions, underground storage tanks, California's Proposition 65, and other hazardous waste regulations, asbestos). The types of facilities included motor and pump repair facilities in Ohio, West Virginia, Florida, Alabama, California, and Mexico; computer and electronics-related manufacturing facilities in California, chemical processing facilities in Michigan and California; wood treatment facilities in Wisconsin; hazardous and nonhazardous waste treatment, storage, and disposal facilities in Indiana, Alabama, Louisiana, Arizona, and California; a garment manufacturing facility in Texas; a newspaper printing facility in California; a metal tubing manufacturer in Canada; pump manufacturing facilities in the United Kingdom, Germany, and Nebraska; and an industrial port facility in California.
- Assisted with design, implementation and construction oversight of a remediation system for hydrocarbon contaminated soil and ground water from an oil recovery facility in Louisiana. Project involved excavation of a former hydrocarbon waste pit and installation of ground water "pump and treat" remediation system. "Pump and treat" remediation system design involved application of a ground water flow model to determine and locate extraction wells.
- Assisted with implementation of the Superfund selected remedial alternative for a former asbestos mine in California. Project involved preparation of preliminary design documents for sediment retention ponds and diversion channels which included review and application of hydrogeologic and sediment transport flow models.
- Developed and prepared a ground-water monitoring plan for cleanup of hydrocarbon contaminated ground water via an extraction trench for an auto manufacturing facility.

- Assisted with preparation of a Remedial Investigation/Feasibility Study (RI/FS) of chlorinated-solvent contamination from an electronics manufacturer. Project responsibilities involved application of a ground-water model to determine contaminant transport between two aquifers.
- Managed preparation of NPDES storm water permit applications for discharges from construction sites, hazardous waste storage facilities, and fuel recovery facilities in California, Hawaii and Louisiana.
- Directed study to determine compliance with California's Proposition No. 65 for numerous food manufacturing plants. Project involved use of USEPA air emissions models to estimate potential air exposure to contaminants and development of a vadose model to estimate concentrations of ground-water contaminants.
- Managed closure and removal of several petroleum-containing USTs in California and New York. Projects involved oversight of tank removals, soil sampling, installation of ground-water monitoring wells, coordination with regulatory agencies and preparation of site investigation and closure reports.
- Managed closure of a microchip and metal plating facility. Project involved coordination and oversight of a subcontractor to remove and decontaminate all equipment, sampling to verify if residual contamination remained, preparation of a closure plan and final closure report, and coordination with regulatory agencies.

Prior to joining ENVIRON, Anne had the following positions:

- Manager of remediation and design engineering, Ogden Environmental and Energy Services Company, Honolulu and San Francisco offices.
  - Managed numerous hazardous waste and petroleum hydrocarbon investigation and remediation projects in California, Alaska, Hawaii and Guam.
  - Provided technical management for environmental engineering and remedial design projects on a $210 million dollar CLEAN Contract with the US Navy in Hawaii.
- Associate Engineer, McGill-Martin-Self, Orinda, California.
  - Designed and managed land development projects. Performed hydraulic and hydrogeologic analysis of floods, landslides, and land development projects.
  - Designed and implemented grading, drainage, and erosion control plans for various engineering projects.
  - Conducted numerous investigations on the causes and remediation measures for seepage in hillsides and various types of engineering excavations.
  - Audited and assessed residential developments for compliance with building codes and other regulations.

CREDENTIALS

Registrations and Certifications

Registered Professional Engineer, State of California, 1988

Registered Professional Engineer, State of Hawaii, 1992

Registered Professional Engineer, State of Alaska, 1997

Registered Professional Engineer, State of Washington, 1997

Professional Affiliations and Activities

Member, American Society of Civil Engineers

PUBLICATIONS & PRESENTATIONS

Comparison of Modeled to Estimated Emission Rates at Active Hazardous Waste Landfill (with D. Suder and C. Schmidt). 1990. Presented at the Air and Waste Management Association, annual conference.

Estimation of Hydraulic Conductivity for a Tidally-Influenced Unconfined Aquifer (with Jeff Cotter). Presented at 1993 Joint CSCE–ASCE National Conference on Environmental Engineering, July, 1993.

Daniel Clark | Senior Associate

Emeryville, California
+1 510 420 2563 | dclark@environcorp.com

Dan Clark has eight years of experience in environmental consulting, with emphasis in the areas of geology, health and safety, site assessment and remediation. His work at ENVIRON includes planning, coordinating, and implementing field investigation programs; conducting field work and research in support of litigation cases; and writing proposals, work plans, and reports. In addition, Dan is a Health and Safety Coordinator for ENVIRON's Emeryville and San Francisco, California offices, and is responsible for reviewing health and safety plans, tracking office health and safety training programs, and creating and implementing office safety and emergency preparedness plans.

EDUCATION

2002 BA, Earth and Environmental Science, Wesleyan University

EXPERIENCE

Sediment, Soil, Soil Vapor, and Ground Water Investigations

- Performed sampling and processing of river sediment cores collected from contaminated river channels in Michigan.
- Worked on an extensive remediation program at a large industrial campus in South San Jose, California, including dual-phase extraction system operations and maintenance, well installation, groundwater sampling, and soil gas sampling
- Conducted soil and groundwater investigations at a former burn dump landfill site and several other industrial sites in South San Francisco, California.
- Performed field investigations and supervised health and safety protocols at sites impacted with petroleum hydrocarbons, pesticides, dioxins, metals, and other contaminants.

Environmental Litigation

- Performed sampling and research in support of litigation cases and expert testimonials involving petroleum hydrocarbon-impacted properties in California's Central Coast region.
- Performed forensic building material sampling and evidence collection in support of litigation cases involving defective building materials in the southeastern United States.

Prior to joining ENVIRON, Dan was a Staff Geologist at Earth Tech, Inc., where he:

- Performed field work along active railroad corridors in the East Bay and South Bay.
- Conducted soil and groundwater sampling and supervised well installation at a Bay Area oil refinery.
- Managed several industrial storm water sampling programs.
- Performed site reconnaissance and historical research for Phase I Environmental Site Assessments taking place in California, Utah, Oregon, and Washington.

Daniel Clark

CREDENTIALS

Registrations and Certifications

OSHA 40-Hour HAZWOPER

OSHA Site Supervisor