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January 8, 1999

Mr. Mark Johnson
California Regional Water Quality Control Board
San Francisco Bay Region
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Oakland, California 94712

Re: Workplan Addendum, Sherwin-Williams Facility, Emeryville, California
Site Cleanup Requirements Order 98-009, Section B Task 7

Dear Mark:

ENTRIX has prepared the enclosed subject report (Volumes I and II) on behalf of the Sherwin-Williams Company pursuant to the Regional Water Quality Control Board Site Cleanup Requirements Order 98-009, Section B Task 7, adopted February 19, 1998. The document is presented in two volumes, as follows:

- Volume I includes text, tables, and Appendices A through F. Appendix D includes a CD-ROM which provides an interactive presentation of the Sherwin-Williams chemical database for the Emeryville site. If further chemical information is desired by the reader regarding the field investigations presented in Section 2.3 of this report, the reader is encouraged to utilize the CD-ROM database.

- Volume II includes 35 figures prepared to support the text presented in Volume I.

A Consultative Work Group meeting is planned for the morning of Wednesday January 27, 1999 in order to discuss this document and other ongoing activities at the site. We request that written or verbal comments pertaining to this document be received by Friday January 22, 1999. In the meantime, if you have any questions or need additional information, please feel free to contact Larry Mencin of Sherwin-Williams (216-566-1768) or Sandra Maxfield (925-988-1225).

Sincerely,

Sandra L. Maxfield
Project Manager
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WORKPLAN ADDENDUM
SHERWIN-WILLIAMS FACILITY
Emeryville, California

Prepared for:

SAN FRANCISCO BAY
REGIONAL WATER QUALITY CONTROL BOARD

Respondents:

THE SHERWIN-WILLIAMS COMPANY
Cleveland, Ohio

Prepared by:

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Project No. 326903

January 8, 1999

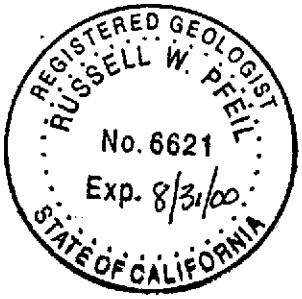
Revision 0
1/8/99

CERTIFICATION

All hydrogeologic information, conclusions, and recommendations in this document have been reviewed by an ENTRIX California Registered Geologist.

Russell W. Pfeil 12/14/98

Russell W. Pfeil / Date
California Registered Geologist (#6621)



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Sherwin-Williams owns the property addressed by this Workplan Addendum which is located at 1450 Sherwin Avenue in Emeryville, California (Figure 1-1). ENTRIX has prepared this report on behalf of the Sherwin-Williams Company (Sherwin-Williams) for submittal to the Regional Water Quality Control Board (RWQCB). This report is submitted pursuant to the RWQCB Site Cleanup Requirements Order 98-009 (Order 98-009), Section B Task 7. Section 1.0 of this report presents the regulatory status of this property, the purpose and objectives of this report, and details the organization of the report.

1.1 REGULATORY STATUS AND SITE DEFINITION

The property primarily located at 1450 Sherwin Avenue is subject to Site Cleanup Requirements Order 98-009 adopted February 18, 1998. The "Site" as defined in Order 98-009 comprises 10 acres (herein referred to also as "Site" in this report) and includes the Sherwin-Williams property and a portion of the adjacent former Rifkin property, now owned by Chiron Corporation (Figure 1-2). Order 98-009 sets forth a task and time schedule to evaluate the existing interim remedial measures (IRMs), complete remedial investigation activities, prepare a risk assessment, and propose final remediation actions for the Site. The Site has historically been subject to the following RWQCB Orders:

- Cleanup and Abatement Order (CAO) No. 97-047 adopted April 7, 1997, now superseded by Order 98-009.

- General Waste Discharge Requirements Order 94-087, NPDES Permit No. CAG912003, issued March 15, 1995.

Pursuant to Sherwin-William's submittal of a "Request to the California Environmental Protection Agency for Designation of Administering Agency", the RWQCB was designated the administering agency for the Site in Cal/EPA Resolution 97-12 dated July 31, 1997. Resolution 97-12 creates a Consultative Work Group (CWG) which can include representatives of support agencies and the community. The CWG was formed, and reviews and comments on reports submitted according to the requirements of Order 98-009. In recent monthly meetings, the CWG was given the opportunity to review and comment on the format and content of this report prior to its preparation. The CWG will also provide comments on this report.

1.2 PURPOSE AND OBJECTIVE OF REPORT

Task 7 of Section B of Order 98-009 is entitled "Completion of Evaluation of Current Site Conditions, Site Use History, and Human-made Conduits". The task is described as follows in the Order:

Submit a technical report acceptable to the Executive Officer documenting completion of the tasks relating to evaluation of current site conditions and completion of an evaluation of human-made conduits identified in the "Workplan" (sic, Workplan for Site Investigation, Levine-Fricke-Recon, June 2, 1997 with amendments dated September 10, 1997*) submitted pursuant to Cleanup and Abatement Order 97-047. The technical report should:*

a) compile data collected in previous investigations to provide a comprehensive summary of all investigation work completed to date;

b) inventory chemicals used on the Site (by name and volume) and identify all pollution sources on the Site, including chemical storage areas, sumps, underground tanks, utility lines, process lines, and related facilities;

c) identify surface and subsurface conduits at the site that may allow contaminants to migrate laterally off site or vertically into deeper aquifers;

d) modify and/or add to the investigation identified in the "Workplan" based on the findings. Any additions or modifications to the "Workplan" will contain implementation schedules acceptable to the Executive Officer. (Task 7d has frequently been referred to as the "Workplan Addendum").

In response to the requirements of Tasks 7a through 7c, the *Current Conditions Report* (Levine-Fricke-Recon) (herein referred to as the CCR) was submitted to RWQCB on June 19, 1998. Sherwin-Williams requested an extension for completion of Task 7d, the Workplan Addendum, in letters dated June 9, 1998 and July 20, 1998.

Although formal comments have not been received from the RWQCB, Sherwin-Williams understands the CCR does not fully meet the expectations of the CWG. In order to remedy this situation, Sherwin-Williams proposed in a letter to RWQCB dated September 18, 1998, that the Workplan Addendum not only finalize the scope of work for the Remedial Investigation, but also act as a supplement to the CCR in order to address additional concerns of the CWG. This format for the Workplan Addendum was favorably discussed within the CWG in a meeting on September 10, 1998, and then verbally approved by RWQCB in a meeting on September 22, 1998. Therefore, the CCR and the Workplan Addendum together are meant to provide all the material necessary to meet the intention of Task 7 of the Order.

1.3 REPORT ORGANIZATION

Order 98-009 states the remedial investigation (RI) for the Site shall be conducted consistent with the guidance provided by CERCLA guidance documents. As such, the five basic elements of a RI Workplan described in "Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA" (USEPA October 1988) have been included in this report. Section 1.0 has provided an introduction and the regulatory basis for the investigation. Section 2.0 provides the current understanding and the

physical setting of the Site, the Site history, and summarizes the historical field investigations. Section 2.0 is intended to provide information supplemental to the CCR, and to address the requirements of Tasks 7a, 7b, and 7c of Order 98-009. Section 3.0 provides the conceptual Site models for human health and ecological risk assessment developed during the initial scoping of the project, including potential migration and exposure pathways. Section 3.0 also describes the Preliminary Remediation Goals (PRGs) established in the Order and preliminary identification of potential Applicable or Relevant and Appropriate Requirements (ARARs). A preliminary assessment of the types and distribution of chemicals exceeding these PRGs is presented and intended to address the requirements of Task 7a of the Order.

Section 4.0 provides the Workplan rationale, including data requirements for both the Risk Assessment and the Feasibility Study's (FS) alternatives evaluation. The Workplan rationale is presented in order to illustrate how the Workplan activities will satisfy the data needs. Section 5.0 describes the tasks to be performed for the upcoming remedial investigation (RI). This description includes the sampling design, the sampling method, number of samples, types of samples, and sample locations. Section 6.0 concludes with a discussion of the protocol established for data management and reporting. A proposed schedule for the remedial investigation, feasibility schedule, and risk assessment is provided, which would then require a revision of the schedule and scope presented in Order 98-009. Sections 4.0, 5.0, and 6.0 are intended to address the requirements of Task 7d of the Order.

This section provides a discussion of the history of the Site (Section 2.1), the physical setting of the Site area (Section 2.2), and the historical Site field investigations (Section 2.3).

2.1 SITE HISTORY

Research Method: This section expands on the Site history presented in the CCR report. A timeline was developed based on the Site history described in the CCR (see Appendix A, Figure A-1). Figure A-1 organizes the properties by their approximately upgradient, downgradient or cross-gradient positions relative to the Sherwin-Williams property. Data gaps were identified from this timeline (Appendix A, Figure A-1), and targeted for expanded research. The data gaps included the early history of the Sherwin-Williams property, and the property occupation history of the adjacent properties.

Sources of historical information included the references cited in the CCR and investigative reports from adjoining properties. Other sources of information included the following:

- The Emeryville Historical Society (*Emeryville Herald 33rd Anniversary* 1929, *Early Emeryville Remembered: Historical Essays & Photographs* 1997, *(1876-1924): Bay Areas Premier Amusement Resort*, The Journal of the Emeryville Historical Society))
- Historical collections at the Bancroft Library at the University of California, Berkeley
- The California State Railroad Museum library (Central Pacific Railroad Company collection, *Historical Outline, Southern Pacific Company,* 1933)
- The California History Room of the California State Library
- The Oakland History Room of the Oakland Public Library (*Buyer's Guide - Manufacturers, Distributors, Jobbers, Wholesalers - Commodity Index,* n.d., *A Directory for the City of Emeryville, California 1950-51, ShellMound Park*)
- Emeryville City Engineer
- Alameda County Flood Control Office
- Oakland Chamber of Commerce (*Directory and Commodity Index: A Buyer's Guide to Oakland and the East Bay District* 1925, 1926; *Directory and Commodity Index* 1928, 1931, 1935)

- Oakland/Emeryville Assessors' Office
- Emeryville Industries Association (*Bulletin, Roster of Emeryville Industries, Emeryville, California: fact and factories* 1930)
- Oakland Tribune (*Oakland Tribune Yearbook*, n.d.)
- The Sherwin-Williams Company (*Board of Director's Minutes, The Story of Sherwin-Williams* 195-)
- Review of regulatory agency files (also reviewed in CCR)
- Aerial Photos (1947, 1985, 1996) (also reviewed in CCR)
- Factory Insurance Maps for Sherwin-Williams facility (1929, 1956, 1973, 1994) (also reviewed in CCR)

A revised timeline including the results of this additional research (Appendix A, Figure A-2) was developed for Sherwin-Williams and the adjoining properties. This timeline provides full references for the additional information added to the timeline. Supporting property-specific timelines were also developed (Appendix A, Figures A-3 through A-9).

History of Industrial Area: The Sherwin-Williams plant and much of the adjacent property were initially part of a larger property first used as a horse track, known as the Oakland Trotting Park from 1871 through 1915 (Hausler 1994). The passing of two laws, the gambling prohibition in 1911 and alcohol prohibition in 1915, lead to the decline of the track. During this later period, the track became a gathering place for local aviators and was known as the Oakland Aviation Field. Bi-planes were hangered in the area, and could be hired for rides over the Bay area. The field hosted the 3rd International Aviation Meet in 1912. By 1915, the field had fallen into disrepair, and the buildings were removed. The property was subdivided into smaller properties to sell to industries interested in moving to the Emeryville area (Hausler 1994).

The Sherwin-Williams facility was part of the early wave of industrial development in the City of Emeryville. One of the earliest references to Sherwin-Williams presence in Emeryville was in the 1923 Oakland Tribune Yearbook. The Tribune indicated new businesses that had moved into their readership area with a location map. This map indicated Sherwin-Williams built their plant in 1919 on three acres, and by 1923 had increased their property to six acres (Oakland Tribune 1923). A number of industries, warehouses, and railroad services developed over time on the adjoining properties.

Over the industrial history of this area, soil and groundwater conditions upgradient and downgradient of the Sherwin-Williams facility have been affected by production and warehousing activities of other facilities in the region. Review of current agency records and databases (e.g., AWP, Notify 65, CORRACTS, LUST, and HMS) indicate that within approximately a mile of the facility there are numerous properties which have

been either targeted for cleanup or have notified the regulatory agencies of a potentially hazardous release, as follows:

- Two adjacent sites (e.g., Myers Drum, Barbary Coast Steel) and one site within a mile of the facility (Oakland Army Base) are known to have handled hazardous wastes and have been targeted for cleanup by the California Department of Toxic Substances (DTSC).

- Sixteen "Notify 65 Records" (e.g., facility notifications about any release that could impact drinking water and expose the public to a potential health risk) have been filed within a mile of the facility.

- One RCRA corrective action (Pfizer, Inc.) has occurred within a mile of the facility.

- Eighty-four Leaking Underground Storage Tank (LUST) Incident Reports have been filed within approximately a half mile of the facility, including several adjacent properties (Shell, Southern Pacific, and Rifkin Realty Partners).

- Five cases of groundwater pollution (Shell, City of Emeryville: former Shell, PG&E, Union Bank, and Electro-Coatings, Inc.) have been recorded within 0.1 mile of the Site in which the Regional Water Quality Control Board (RWQCB) is the regulatory lead.

Because of the long history of industry and warehousing in the vicinity of the Site (see Appendix A), and the documented history of hazardous releases from nearby properties (listed above), a general history of several nearby properties as well as the operational history of the Sherwin-Williams property is provided below. These property descriptions supplement the information presented in the CCR.

2.1.1 Operational History of Sherwin-Williams

As discussed earlier, the Sherwin-Williams facility has been in operation since the early 1900's manufacturing various types of coating products. Lead-arsenate pesticides were also manufactured at the plant from the 1920's until approximately 1948. By 1987, Sherwin-Williams ceased manufacturing oil-based products, and now manufactures only water-based products. An overview of the facility manufacturing operations was presented in the CCR. The overview presented in the CCR addressed the intent of Order 98-009 requirements of Task 7b (see Section 1.2).

In order to better understand the soil and groundwater chemical data collected to date and to understand what potential source areas should be addressed by this Workplan Addendum, a detailed discussion of the chronology of the facility operations as it relates to potential source areas will be presented in this section. This discussion will address the entire operational history of the facility, and will refer to operational figures for the years 1929, 1956, 1973, and 1994 (see Figures 2-1 through 2-4). These years were

selected for mapping because they illustrate changes over time in the manufacturing processes and layout of the Facility. The year 1929 presents the manufacturing operations for lead-arsenate. In approximately 1948 lead-arsenate production ceased, and the general layout of the facility operations changed as depicted in year 1956. In 1964, the property boundary of the facility expanded, and the general layout of the facility operations changed as depicted in year 1973. In approximately 1987, the paint manufacturing changed from oil-based products to only water-based products, and the property layout again changed as depicted in year 1994.

These operational maps are believed to represent an appropriate summary of the historical property layout, not only because of their representation of changes in manufacturing operations, but also because these maps depict nearly all buildings utilized through the history of the facility. Buildings were numbered sequentially at the facility as depicted in Figures 2-1 through 2-4, and in Table 2-1 "Building History of Sherwin-Williams Facility". All buildings listed in Table 2-1 are presented in Figures 2-1 through 2-4. The building numbers in Table 2-1 are sequential, and there are very few numbers missing from the Table (in later years and probably related to machinery within the buildings).

Figures 2-1 through 2-4 were developed based on Factory Insurance maps for these years. (During the September 1998 CWG meeting, regulatory agency members and stakeholders were given the opportunity to review the original Factory Insurance maps.) The figures present the buildings, and stormwater, sewer system, and water pipelines in-place during that time period. As discussed earlier, the buildings were sequentially numbered over time on the Factory Insurance maps, and these numbers are provided on Figures 2-1 through 2-4. The building activities and the year the building was first constructed are also provided on the figures.

The following discussion of operations at Sherwin-Williams indicates Site activities or structures for each of the time periods discussed, which may potentially be the source of an historic release of chemicals to soil. These potential activities or structures include handling of raw materials and final products, fluid/solid transfers, potential pipe leaks, waste handling, stormwater runoff, and dismantling activities.

2.1.1.1 1929 Facility Operations

Figure 2-1 presents the property boundaries and manufacturing operations for the Sherwin-Williams facility in 1929. In 1929 the primary manufacturing processes occurring at the facility included production of paint, varnishes, and lead-arsenate pesticides. The first buildings to be constructed in approximately 1920 were #1 (general office and warehouse), #2 (paint manufacturing), #3 (raw material storage), #4 (raw material storage), #5 (varnish fire room), #6 (filter press and pump room), #7 (varnish blending and filling), #8 (varnish storage), #9 (lead arsenate manufacturing), and #10 (lead liquor tower house). Buildings #11 through #25 relating to pump housing, support structures, and lead arsenate production were constructed in approximately 1924 (see

Figure 2-1 and Table 2-1 for building specific descriptions). In approximately 1926, buildings #26 (lead arsenate warehouse) and #27 (lacquer blending unit) were added.

Figure 2-1 details the storage tank contents at the facility in 1929, and the CCR provided an estimate of the various tank volumes. The level of detail presented in the CCR regarding chemical usage at the facility over the production period is considered appropriate for meeting the intent of Task 7b of the Order for several reasons, as follows:

- The CCR presents the major chemicals used and produced at the Site.
- Soil and groundwater at the Site have been analyzed for more than the chemicals listed in the CCR as being used or produced at the facility. During the historical field investigations (as discussed in Section 2.3), soil and groundwater samples were analyzed for the full analytical list for metals, volatile organic compounds, semi-volatile organic compounds, and pesticides.
- The major chemicals used and produced at the Site are the primary chemicals detected in soil and groundwater at the Site. The match between Site history and chemicals detected in soil and groundwater indicates the level of detail regarding chemical usage presented in the CCR is appropriate to support the future risk assessment and feasibility study for the Site.

Factory Insurance maps indicate two sets of sewer lines and one water line were present at the facility by 1929 (Figure 2-1). In this time-period, sewers were usually combined sewer/storm drains. Early facility maps indicate no storm water lines were present at this time. A railroad track spur was present in the middle of the facility, and seven sets of railroad tracks were present immediately off-site to the west. A production well to furnish water for the sprinkler system was located in the northcentral portion of the facility. The East Bay Chemical Company was located immediately north of the facility, and the east and south sides of the facility were bordered by Horton Street and Sherwin Avenue.

The following text summarizes Site activities or structures in this early 1929 time period which may have potentially been the source of an historic release of chemicals to soil.

Handling of Raw Materials and Final Products in 1929

The lead arsenate manufacturing and warehousing activities were primarily located in the northeastern corner of the facility. Lead arsenate was a powder packaged in barrels and kegs (likely stored inside warehouse #26) which could potentially disperse to soils across the unpaved portion of the northeastern area (all buildings had cement flooring); however, this dispersal would have been minimized in order to increase the profitability of the manufacturing operation. The raw materials (lead, arsenic acid, arsenic, and acetic acid) appear to be liquids largely stored in tanks (as described below), which, if released to an unpaved area, would disperse likely by gravity-driven surficial flow, and would

have probably remained more local to any potential source area (e.g., the buildings and storage tanks).

The southwestern quarter of the facility was used for the manufacture and storage of paint and varnish. Paint is defined as a uniformly dispersed mixture of raw materials consisting of (1) a drying oil, synthetic resin or other film-forming component called a binder; (2) a thinner; and (3) an organic or inorganic pigment. Varnishes are organic protective coatings similar to paint except that they do not contain a colorant, and lacquers are protective coatings that dry primarily by evaporation of a thinner, rather than by oxidation or polymerization.

The oil-based raw materials and fuels were liquid (petroleum fuel, stove/whale oil, varnish/paint oil and resins) and the pigments were bagged solids. From the late 1800's to the mid-1940's, turpentine was the standard thinner for paints and varnishes. Turpentine was obtained from the resinous materials present in conifers (Lewis 1993). The final products (varnish and oil-based paint) were liquid.

The liquid raw materials were largely stored in above ground tanks (as described below), and the bagged solids were probably stored in storage buildings #3 and #4. Because the manufacturing areas were paved and commonly included open flames, the flammable liquid raw materials and final products were likely well contained to avoid accidental ignition. Fire control was a big production issue at that time, as evidenced by the extensive sprinkler system maintained at the facility (presented in Factory Insurance maps).

Fluid/Solid Transfers in 1929

Six of the storage tanks containing lead arsenate liquid feedstock were located inside paved production buildings which would likely have minimized their potential exposure to soils. Four of the storage tanks containing lead arsenate liquid feedstock were located in Yard B and those liquids would have likely been transferred to the production areas by drums.

Sixty-eight of the seventy-seven storage tanks containing paint and varnish oils were located inside paved production buildings which would likely have minimized their potential exposure to soils. The presence of open flames in many of the production areas would also have required diligent containment of these flammable feedstock and production liquids. The bagged pigments may have been stored in the warehouse building #1, and would have likely been transferred by hand across the yard areas to the production buildings.

Potential Pipe (below ground) Leaks in 1929

A general description of the pipelines potentially present in the early 1920's is discussed below. A more detailed description of the potential for these pipelines to act as source areas is presented in Section 2.2.6. The Factory Insurance maps indicate two sewage

lines ran east-west, likely flowing west toward the Bay. The Factory Insurance map for 1929 does not indicate the presence of floor drains inside the buildings so it is unclear what areas of the facility were serviced by these sewer lines. (The Factory Insurance map for 1929 indicated a possible outside drain to the sewer from the steel tanks area of Yard B.) Sewer lines are intended to be predominantly watertight; however, leakage may occur as the pipes age. Because suspended solids in sewage lines tend to clog sewer cracks and because if leakage occurs the surrounding soil tends to become clogged due to anaerobic conditions, leakage from minor sewer openings is often small (Todd 1980).

In the mid- to late-1990's, the possible area of these 1920's sewage lines and their outfalls west of the railroad tracks was investigated during EMCON's remedial investigation on the Barbary Coast Steel property (EMCON 1993: EMCON 1996). Soils on the Barbary Steel property were excavated to a depth of two to seven feet in the approximate locations of these sewage lines, and the field notes did not indicate the presence of the lines (EMCON 1996). In 1996, a remedial action plan was finalized for the property, and cleanup levels were required for petroleum hydrocarbons, lead, and PCB (see Section 2.1.2.6 for related steel operations). Given the likely current depth of the ballast underlying the railroad tracks (relative to the likely shallow depth of the sewer lines), and the findings of the environmental investigation at Barbary Coast Steel, it is unlikely that these old sewage lines currently extend off-site to the west or were historically the source of significant soil or groundwater contamination.

A water line also ran east-west across the Site, which is discussed in more detail in Section 2.2.6. The Factory Insurance map for 1929 does not indicate the presence of stormwater lines in the early 1920's.

Waste Handling and Stormwater Runoff in 1929

As discussed above, the Factory Insurance map for 1929 does not indicate the presence of a stormwater pipeline system on-Site or along Horton Street. Therefore, stormwater may have flowed into the sewer lines or flowed overland. If storm water flowed overland it may have periodically flowed to off-Site locations such as the nearby streets during high rainfall events within wet seasons.

The potential presence of an incinerator on-Site was noted in the 1929 Factory Insurance map; however, Sherwin-Williams personnel question whether this incinerator was actually installed due to its proximity to production areas which handled flammable liquids (Personal communication August 9, 1998). If the incinerator was installed, it would have been removed by 1936 when building #28 was installed in that area.

No historical information was located which detailed the waste handling practices for this early time period. The Factory Insurance map for 1929 did not indicate the presence of any waste handling structures, with the exception of the incinerator. However, much of the waste generated at the Site was likely transported off-Site according to the general protocol of that time period. Long-term storage of waste materials on-Site was unlikely due to the concern for fire and the lack of available open space (see Figure 2-1).

2.1.1.2 1956 Facility Operations

Figure 2-2 presents the property boundaries and manufacturing operations for the Sherwin-Williams facility in 1956. The property boundary of the facility in 1956 was unchanged from 1929. However, the railroad tracks immediately to the west of the facility were removed by 1956. In approximately 1948, lead-arsenate production ceased, and only oil-based paints and varnishes were manufactured. The major changes in facility layout and usage were as follows:

- The lead-arsenate production and storage areas were eliminated. As presented in Figure 2-2, buildings #9, #10, and #26 were converted from lead-arsenate production to raw stock warehouses. Additionally, buildings #14 and #15 were demolished. Building #31 was constructed over the footprint of buildings #14 and #15.

- The Lacquer Plant was moved from building #27 (southern portion of the Facility) to building #32 (northern portion of the facility). Near building #32, storage tanks were installed to store alcohols and acetates which were used in the production of lacquer.

- Building #33 was constructed adjacent to building #8, to augment the varnish production capabilities. Building #33 replaced buildings #5, #6, and #7.

- Building #28 was constructed in the southwest corner of the Facility, and was used for dry storage, grinding, and the filling activities of the paint production area.

Figure 2-2 details the storage tank contents across the facility, and the CCR provided an estimate of the various tank volumes. Figure 2-2 also details the sewer and water lines present at the facility during 1956.

By 1937 a main sewer line was installed along Horton Street and Temescal Creek, and by 1956 the on-Site sewer system was slightly expanded along the eastern portion of the Site. By 1956, the on-Site sewer system probably flowed to the main sewer line on Horton Street, and the old east-west sewer lines discussed previously were likely abandoned.

The following text summarizes Site activities or structures in this 1956 time period that may have potentially been the source of an historic release of chemicals to soil.

Handling of Raw Materials, Final Products in 1956

The raw materials for the paint and resin operations were liquid (alcohols/acetates, linseed oil, acetic acid, varnish oil, resins, thinners) and bagged solids (pigments). The fuels were liquid (gasoline and petroleum fuel). By 1956, petroleum oils such as naptha and kerosene as well as acetone and alcohol largely replaced the biogenic oils (such as

turpentine) as the paint and varnish thinners. Naphtha consists mainly of xylenes (Nylen and Sunderland 1965). The final products were liquid (lacquer, varnish, paint). The raw material liquids were largely stored in above ground tanks as described below, and the bagged solids were probably stored in pigment storage building #27. As stated earlier, these flammable liquid raw materials were likely well contained in order to avoid fires.

Fluid/Solid Transfers in 1956

Sixty-seven of the eighty-seven paint/varnish storage tanks were located inside concrete-floored production buildings which would likely have minimized their exposure to soils. Eighteen of the paint/varnish storage tanks were above ground in Yard B, and surrounded by a concrete dike for spill containment. The remaining two paint/varnish storage tanks were above ground and near building #27. Resins stored in the production buildings were likely transferred by hand to the manufacturing area. No information was located regarding the locations of any feedstock pipelines during this time period. If feedstock piping existed, the typical design for this time-period would be above ground. Resins were probably transferred to more distant tanks by 55-gallon steel drums. The naphtha tank near the varnish building and the solvent tank near the paint manufacturing building were reportedly below ground tanks. No information was located which indicated how solvents were transferred from these tanks.

Potential Pipe (below ground) Leaks in 1956

A general description of the pipelines potentially present in 1956 is discussed below. A more detailed description of the potential for these pipelines to act as source areas is presented in Section 2.2.6. By 1937, a main sewer line was installed along Horton Street and along Temescal Creek, and by 1956 the on-Site sewer system was slightly expanded along the eastern portion of the Site. The 1956 Factory Insurance map again did not indicate the presence of floor drains in the buildings.

Available engineering drawings for this time period indicate the sewer line along Horton Street was not in-place during much of the lead arsenate production period (through 1948). Since the sewer line was installed toward the end of the lead arsenate production period, the line would have been new and presumably in good condition.

Waste Handling and Stormwater Runoff in 1956

As discussed above, the Factory Insurance map for 1956 does not indicate the presence of a stormwater pipeline system on-Site or along Horton Street. Therefore, stormwater may have flowed overland and may have potentially transported surface water from the Site to off-Site locations such as nearby streets during high rainfall periods.

As depicted in Figure 2-2, two sludge storage tanks were located in the southernmost concrete paved Yard A-1. No information could be located which identified the specific chemical content of these sludges or how these sludges were ultimately disposed of. Figure 2-2 also depicts a ketone sludge sump on a concrete dock on the eastern side of

Building #28. No further historical information could be located which detailed the waste handling practices for this early time period. However, much of the waste generated at the Site was likely transported off-Site according to the general protocol of that time period. Long-term storage on-Site was unlikely due to the fire concerns and the lack of available open space (see Figure 2-2).

Demolition Activities by 1956

No records describing demolition activities for this time period were located. Buildings #5, #6, and #7 which were related to varnish activities were demolished by 1946. These buildings did not contain storage tanks, and Building #33 was constructed over the footprint of these demolished buildings. The lack of storage tanks in the demolished buildings and the construction of another concrete floored building over their footprint (e.g., preventing infiltration) likely lessened the potential for these demolition activities to affect deeper soil and groundwater quality. Buildings #14 and #15 which were an oil emulsion building and a courer shop were demolished by 1938. Building #31 was constructed over the footprint of these buildings and over the footprint of approximately five tanks which were present in 1929. These five tanks appeared to store stove and whale oils, and oil emulsions. The construction of a large concrete floored building over the footprint of these tanks (e.g., preventing infiltration) likely lessened the potential for these demolition activities to affect deeper soil and groundwater quality.

2.1.1.3 1973 Facility Operations

Figure 2-3 presents the property boundaries and manufacturing operations for the Sherwin-Williams facility in 1973. The major changes at the facility from 1956 to 1973 were as follows:

- The expansion of the property boundaries to the west into the former railroad tracks area. This new western property was purchased by Sherwin-Williams from Southern Pacific Railroad in 1964.

- The addition of a solvent tank farm enclosed by a 6-foot concrete dike in the expanded northern section of the facility

- The addition of a hazardous materials storage area adjacent to the solvent tank farm.

- Construction in 1964 of building #35 which was initially used as a warehouse and eventually used for paint manufacturing and product storage.

Figure 2-3 details the storage tank contents across the facility, and the CCR provided an estimate of the various tank volumes. Figure 2-3 also presents the sewer, stormwater, and water lines present or abandoned at the facility in 1973. By 1973, a stormwater system was constructed, complete with catchbasins and roof drains. The sewer lines and water lines were also expanded from the 1956 system.

The Temescal Creek channel as presented in the 1929 and 1956 facility maps was abandoned following a flood control project conducted in 1968. The old channel persists as a topographic and drainage feature, although it no longer receives runoff from the upstream watershed. Lower Temescal Creek (see Figure 2-3) from Horton Street to the Bay was constructed as an engineered flood control channel between 1964 and 1968 (Alameda County FCWCD 1975). More detailed information regarding Temescal Creek is presented in Section 2.2.5.

The following text summarizes Site activities or structures in the 1973 time period that may have been the source of an historic release of chemicals to soil.

Handling of Raw Materials and Final Products in 1973

The raw materials for the paint and resin operations were liquid (alcohols, various oils such as linseed oil or safflower oil, and solvents) and bagged solids (pigments). The types of solvents used in the manufacturing process changed from 1956 to 1973. In 1956, the solvents were commonly naphtha and kerosene. Through the 1970's, several types of solvents were used such as naphtha, styrene, xylene, toluene, ketones, and acetone. Acetone was used as a low-boiling point thinner in some lacquers. Methyl iso-butyl ketone was a medium boiling point thinner used in resins, enamels, and lacquers. Nitrocellulose was a binder being used in the early 1970's in the production of lacquers. Toluene and xylene were thinners commonly used in the late 1970's.

The liquids were largely stored in above ground storage tanks. The bagged solids were likely stored in storage buildings #31, #35, and #1. Natural gas was piped to the facility by 1973, and therefore on-Site storage of fuel oils was largely discontinued.

Fluid/Solid Transfers in 1973

Fifty-three of the fifty-seven paint/varnish tanks were located inside concrete floored production buildings which would likely have been well-contained and minimized their exposure to soils. Two of the paint/varnish storage tanks were located in the oil tank area near the northeast corner of building #35 surrounded by a concrete dike for spill containment. The other two outside paint/varnish storage tanks contained latex and were located on a concrete pad by building #27. The presence of the concrete pad would have minimized exposure to soils. The oil tank area is adjacent to the varnish manufacturing area, and no connecting pipelines were present on the Factory Insurance map for this time period.

Three oil tanks (e.g., linseed oil, safflower oil) and three alcohol tanks were located in the lacquer tank area by building #32 and in the solvent tank area in the northernmost area of the facility. Sixteen solvent tanks were also located within the oil tank and solvent tank areas. Both tank areas were surrounded by six to seven foot high concrete dikes for spill containment. Unlabeled lines on the 1973 Factory Insurance map may indicate the presence of an overhead pipeline from the solvent tank storage area, crossing the railroad track spur and extending to building #30. No other pipelines connecting storage and

production areas could be located. The lacquer plant is immediately adjacent to the oil tank area, and no connecting pipelines were indicated on the Factory Insurance map.

Potential Pipe (below ground) Leaks in 1973

A detailed discussion of the potential for the pipelines present in 1973 to act as source areas is presented in Section 2.2.6.

Wastehandling and Stormwater Runoff in 1973

As indicated on Figure 2-3, a stormwater system was installed by 1973 in order to collect on-Site surface waters. The two sludge storage tanks present in 1956 are also in-place in 1973 (see Figure 2-3). The ketone sludge sump near Building #28 is no longer present in 1973. No further historical information could be located which detailed the waste handling practices in 1973. However, much of the waste generated at the Site was likely transported off-Site according to the general protocol of that time period. Disposal of waste would have occurred under the requirements of the Solid Waste Disposal Act of 1965. (RCRA was not passed by Congress as an amendment to the Solid Waste Disposal Act until October 1976.)

Demolition Activities by 1973

Between 1956 and 1973, only two small buildings were demolished. These buildings included building #11 (small pump and compressor room) and building #192 (carpenter shop). No significant amounts of hazardous materials appear to have been present in these small buildings; therefore, these demolition activities were unlikely to affect soil quality. The layout of the above ground storage tanks outside the buildings was modified from 1956 to 1973. These storage tanks areas were changed prior to the enactment of regulations regarding tank storage areas (state-mandated underground storage tank programs were enacted in 1983 and permitting was largely implemented in the late 1980's, and above ground tank law was not implemented until approximately 1990-91); therefore, no documentation could be located regarding the modification procedures.

2.1.1.4 1994 Facility Operations

Figure 2-4 presents the property boundaries and manufacturing operations for the Sherwin-Williams facility in 1994. The major change at the facility from 1973 to 1994 was the 1987 switch from oil-based products to water-based paint products. This change was reflected by the following changes in the layout of the facility:

- Dismantling of the solvent tank farm and the removal of most of the solvents and oils from the facility.
- Removal of buildings # 8 and #33 (varnish production and storage facilities) from the central eastern portion of the facility.

- Removal of the lacquer plant (building #32) from the facility.
- Expansion of the latex and latex-product storage tanks.
- Expansion of water-based paint manufacturing in Building #35.

Figure 2-4 details the storage tank contents across the facility, and the CCR provided an estimate of the various tank volumes. Figure 2-4 also presents the sewer, stormwater, and water lines present or abandoned at the facility by 1994. These pipe systems were largely reduced in extent from 1973 to 1994.

The following text summarizes Site activities or structures in the 1994 time period that may have potentially modified soil or groundwater quality.

Handling of Raw Materials and Final Products in 1994

By 1987 solvents were no longer used in the manufacturing process due to the switch to water-based paints. Water-based paints or latex paints are composed of two dispersions: (1) dry powders (colorants, fillers, extenders) and (2) a resin dispersion, such as liquid glycol. One tank of diesel fuel was present near the parking area.

Fluid/Solid Transfers in 1994

Seven of the twelve latex storage tanks were located inside cement floored storage building #34. The remaining five storage tanks were above ground and located just outside building #34. No overhead piping system was noted on the Factory Insurance maps between the outside tanks and the production areas in the Factory Insurance maps. One glycol tank was located inside cement floored building #29. A second glycol tank was located outside building #34, with no associated piping system noted.

There were reportedly three chemical spills at the facility between 1973 and 1994. (Documentation for chemical spills prior to 1973 was not located.) In 1984, a flash fire started in the lacquer plant (building #32) when n-butyl acetate ignited on-Site while being transferred from one of the storage tanks. In 1990, a Texanol (alcohol) spill occurred on-Site near building #29. Approximately 2,500 gallons of Texanol discharged from a storage tank into cement-floored building #29 and the adjacent yard area due to a failed hose connection. The spill was largely contained on-Site by Sherwin-Williams personnel, although a small volume of Texanol was detected in Temescal Creek approximately seven hours after the spill. In 1990, soil borings were drilled in the spill area to assess the impact (if any) of the spill. Section 2.3.1.1 provides further discussion of these borings.

In 1991, approximately 75 gallons of diesel fuel were spilled at the facility. The spill was largely contained at the facility, although a small volume spilled to Temescal Creek. For all of the spills discussed, Sherwin-Williams contacted the appropriate authorities and no further action was required.

Potential Pipe (below ground) Leaks in 1994

A detailed discussion of the potential for pipelines in 1994 to act as source areas is presented in Section 2.2.6.

Wastehandling and Stormwater Runoff in 1994

As indicated in Figures 2-3 and 2-4, a stormwater system was installed by 1973. Two slurry storage tanks were present near building #28. Since the enactment of RCRA in 1976, waste has been handled according to the protocol of the RCRA program.

Demolition Activities in 1994

Buildings #8 (varnish storage), #33 (stock storage and varnish reducing), and #32 (lacquer plant) were demolished in 1988. No information regarding the exact protocol for these demolition activities was located. Many of the above and below ground storage tanks were removed by 1987; however, protocol for reporting below ground tank removals was not in-place until the late 1980's and the state-mandated above ground tank laws were not enacted until 1990-91. Therefore, limited documentation was located describing the tank removal procedures. The oil tank farm and the solvent tank farm were dismantled in 1987 and an environmental assessment was performed. For more detailed information regarding environmental investigations during the tank removals, please refer to Section 2.3.1.1.

2.1.2 Brief History of Adjoining Properties

A brief history is presented regarding the ownership, manufacturing, and storage activities of the adjoining properties (see Figure 1-2), including any ongoing environmental investigations. These brief histories are supplemental to the information presented in the CCR. Appendix A (see Figures A-1 through A-9) provides a detailed summary of the ownership and manufacturing history of each of these properties, and details the various references which support this text.

2.1.2.1 Former South BGR Property

The former South BGR property lies east and upgradient of the Sherwin-Williams property across Horton Street. Figure A-4 in Appendix A summarizes the history of this property. This property was originally part of the California Jockey Club Race Track until 1915. Western Electric and Pacific Telephone and Telegraph were located on this property around 1929 and Shell Development Company later occupied this property between 1954 and 1969, as discussed in the CCR. However, definite beginning and end dates for the occupation period of each of these businesses are unclear. Aerial photographs of the property as early as the 1940's indicate an extensive system of aboveground storage tanks and associated piping across the property. The CCR presented a map of the layout of the industrial research activities.

Larry Silverton acquired the property from the Shell Development Company in 1979 and owned it through 1981. Use of the property under Larry Silverton's ownership is uncertain. Cetus owned it between 1981 - 1984 and BGR acquired it in 1984. Throughout Cetus and BGR's ownership, the property was leased to various small companies conducting various research and administrative operations (EKI 1994: 3.2 - 3.4). No information was located which indicated Sherwin-Williams maintained any activity at this property.

Groundwater and soil quality has been affected by activities at the BGR property and the Regional Water Quality Control Board is the lead agency investigating environmental conditions at this property. Investigations conducted to date indicate soil and groundwater quality have been impacted by volatile organics, petroleum hydrocarbons, PCBs, and metals (including lead and arsenic) (EKI 1994).

2.1.2.2 Former Rifkin Property

The former Rifkin property is located cross-gradient of the historic groundwater flow direction, east and north of the Sherwin-Williams property. Figure A-5 in Appendix A summarizes the history of this property. The property was also originally part of the larger area of the Oakland Trotting Park and later California Jockey Club Race Track until approximately 1915. It is uncertain what types of businesses operated on this property from 1915 to approximately 1928. The CCR did identify Pacific Galvanizing as having operated at this location in 1925. A chain-of-title search conducted by Harding Lawsons Associates (1992) for the Rifkin Property, indicated that one portion of the property was occupied by Rotary Oil from 1928 - 1937. Another portion was occupied by Rheem Manufacturing from 1930 - 1934, and then owned by the Chubbucks from 1934 - 1937. Both of these portions were combined and transferred to the California Container Corporation in 1937, which produced corrugated shipping containers and boxes. In 1958, the Container Corp. of America took control of California Container Corp. and the property. The Concora Corp. owned and operated on the property between 1969 and 1978 (HLA 1992: chain-of-title). Rifkin Investments purchased the property in 1978 and rented portions of building space to various small businesses including a small furniture refinisher, a silk screen company, an automobile body and paint shop, and a foreign auto parts distributor (CCR 1998). The Chiron Corp. acquired the property in 1996 (CCR 1998).

As indicated on Figures 2-2 and 2-3, several underground storage tanks (including heating oil, gasoline, paint thinner, and a diesel tank) existed on the Rifkin property as early as the 1940's. A detailed discussion of the environmental investigations at the Rifkin property is presented in Section 2.3.1.2.

2.1.2.3 Former Southern Pacific Railroad (SPRR)

In 1929 the former Southern Pacific Railroad was immediately to the west and downgradient of the Site (see Figure 2-1), and was first owned by Southern Pacific Railroad in approximately 1899 or 1901. Figure A-6 in Appendix A summarizes the

history of this property. Prior to 1899, the tracks were identified as the Northern Railway which was owned by Central Pacific. Very little information is available on the Northern Railway, other than these tracks once provided service between the Oakland Pier and Sacramento (Southern Pacific Company 1933:p.27, 29). Sherwin-Williams purchased the portion of the SPRR property adjacent to the western edge of the 1929 layout of the Sherwin-Williams property in approximately 1964 (see Figure 2-4). In approximately 1993, Sherwin-Williams also purchased approximately 0.65 acres from SPRR located in the northwestern portion of the Site along two railroad spurs running within the Site area.

According to SPRR records, in 1930 a fuel and water station was constructed near the current western Sherwin-Williams property boundary. The station included four underground storage tanks (e.g., buried railroad tank cars) containing Bunker C oil used to fuel the locomotives. These four tanks are depicted in Figures 2-2 and 2-3. These tanks were removed in 1994 and organic and inorganic soil and groundwater contamination was detected near the tanks (Industrial Compliance September 1994). Two smaller torpedo tanks containing Bunker C oil were subsequently discovered and removed. Discolored soil was noted during the tank removals, and organic and inorganic soil and groundwater contamination was detected near the tanks (LFR March 1996).

Publicly available information on historic track use is very limited. When evaluating soil and groundwater data around the railroad tracks, it is important to remember that railroad ties are typically treated with creosote, which can be a source of chemicals such as polyaromatic hydrocarbons (e.g., naphthalene and anthracene). Weed control measures around the track could also contribute chemicals to the soils. Most archival material directly related to currently existing operations of the former Southern Pacific lines was transferred to Union Pacific's headquarters in Omaha, Nebraska, since their merger in 1996.

2.1.2.4 Elementis Pigment

Elementis Pigment is located west of the former Southern Pacific Railroad and east of the I-80 freeway. This property is located downgradient of the Site. Figure A-7 in Appendix A summarizes the history of this property. The earliest commercial use of the current Elementis Pigment, Myers Container, and Barbary Coast Steel properties was an amusement resort named Shell Mound Park. Shell Mound Park opened in 1876 and operated until 1924. The Park provided facilities for bowling, rifle shooting, dancing, gambling, dining, and picnicking. Two dance pavilions were built in the Park along with an elaborate carousel. According to a 1997 EKI report (p.10), C.K. Williams & Co. operated on this property approximately between 1929 through 1962 producing pigments. Pfizer, Inc. later operated on this property, manufacturing iron oxide pigments from spent pickle liquor (from steel production) between 1962 and 1990 (EKI 1997:p. 10). Harcros Pigments operated on this property in 1990, however the transfer date between Harcros and Elementis Pigments has not been clearly identified. Sherwin-Williams operated a spray emulsion and lime sulphur pesticide plant north of the C.K. Williams property, and

then sold this portion to C.K. Williams in approximately 1962. No information was located that indicated Sherwin-Williams maintained any other activity at this property.

Portions of this property have been used for drum storage through the 1980's. This property has been the subject of a RCRA corrective action. Chemicals detected in soil and groundwater samples in the southern drum storage area of the property have included aromatic and chlorinated hydrocarbons, semi-volatile organic compounds (SVOCs), PCBs, organochlorine pesticides, petroleum hydrocarbons, arsenic, and lead (EKI 1997).

2.1.2.5 Myers Container (Drum)

The Myers Container (Drum) property was originally a part of Shell Mound Park between 1876 and 1924 (Figure A-8 in Appendix A summarizes the history of this property). During that time, the Park was an amusement resort for the Bay Area. The McGuire & Company Cooperage occupied the property from approximately 1925 to 1954 (CCR 1998; Oakland Commodity Index 1925; Emeryville Industries Association 1954). During this time McGuire manufactured wooden barrels, kegs, tanks, and steel drums. At some unknown date McGuire began reconditioning drums on premises and abandoned this practice by about 1950 (Emeryville Industries Association 1950:p.2). In approximately 1954 McGuire added a custom aerosol packaging service. The Consolidated Drum Company and Myers Container Corp. occupied this property from approximately 1942 to 1991. It is unclear whether at some point McGuire occupied separate portions of the property with Myers at the same time. No information was located which indicated Sherwin-Williams maintained any activity at this property.

Myers Container was targeted for cleanup by the California Department of Toxic Substances (DTSC). A Remedial Action Order was issued by DTSC in 1991, and the work is being performed in accordance with a Final Remedial Action Plan approved by DTSC in June 1996. Chemicals detected in soil and groundwater include VOCs, SVOCs, pesticides, PCBs, metals, and petroleum hydrocarbons.

2.1.2.6 Barbary Coast Steel

In 1882 the Barbary Coast Steel property was initially occupied by Judson Iron Works. Figure A-9 in Appendix A summarizes the history of this property. Judson Iron Works produced a variety of building hardware, gold stamps, and iron castings (Emeryville Industries Association 1950:p.3). In about 1890, Judson added separate facilities to support its growing business in bridge construction. This separate facility was called the California Bridge Company (Emeryville Historical Society 1997: p. 140, 141). From approximately 1932 through 1950, Judson primarily manufactured concrete reinforced steel products. Sometime during this period a change in ownership occurred and the name changed to Judson-Pacific-Murphy Corporation. The California Bridge Company produced reinforcing and structural steel and bridge fabrication materials, and by the 1950's was referred to as the Judson Steel Corporation (Emeryville Industries Association). In 1989, Birmingham Steel of San Francisco purchased Judson and continued operations as Barbary Coast Steel (Emeryville Historical Society 1997: p. 141).

According to the same source, Barbary Coast Steel continued operations at the Emeryville property until 1991. No information was located which indicated Sherwin-Williams maintained any activity at this property.

The Barbary Coast Steel property was targeted for cleanup by the DTSC. A DTSC Consent Order was issued in 1993, and the work is being performed in accordance with a Final Remedial Action Plan approved by DTSC in June 1996. Chemicals targeted by the remedial plan include PCBs, lead, and petroleum hydrocarbons.

2.2 PHYSICAL SETTING

Section 2.2 provides a discussion of the regional geology (2.2.1), the Site geology (2.2.2), groundwater zones underlying the Site (2.2.3), historical uses of groundwater (2.2.4), the surface water system (Temescal Creek setting) (2.2.5), and pipelines at the Site (2.2.6).

2.2.1 REGIONAL GEOLOGY

The Site is located on the eastern flank of the San Francisco Basin which roughly corresponds to the present day San Francisco Bay (herein referred to as the bay). In his June, 1998 publication "Groundwater Study and Water Supply History of the East Bay Plain, Alameda and Contra Costa Counties, CA", S. Figuers of Norfleet Consultants has provided a summary of the regional and local geology of the eastern flank of the San Francisco Bay. With his permission, several of his figures have been included in Appendix B and referenced in this evaluation.

The bay sits on a major asymmetrical basement synform within the Coast Range Province. It is bounded on the east by the Hayward Fault and on the west by the San Andreas Fault. The trace of the Hayward Fault occurs approximately 3.5 miles to the east of the Site in the Berkeley hills. Basement rock underlying the bay consists of the Franciscan complex which ranges in age from Jurassic to Cretaceous and possibly younger (Norris and Webb 1990). Basement features trend northwest-southeast through the area and have influenced the depositional history of the bay (Norfleet Consultants 1998).

In this report, the stratigraphic nomenclature proposed by Figuers has been adopted (Norfleet Consultants 1998). Figure 2-5 presents a stratigraphic column for the Site adapted from Figuers' study. The nearest control on the depth to Franciscan basement rock in the vicinity of the Site, is from a boring located approximately 2000 ft. to the southeast where basement was encountered at -220 ft. mean sea level (msl) (Norfleet Consultants 1998, see Figure 8 in Appendix B).

The Franciscan is unconformably overlain by the Early Pleistocene Santa Clara Formation consisting of continental alluvial fan deposits (see Figure 2-5). As basement rock was continually uplifted on the east side of the basin, these alluvial fan deposits were themselves eroded and re-deposited. The non-marine alluvial deposits on the eastern flank of the basin have been mapped as the Alameda, San Antonio and Temescal

Formations. The seas flooded the central portion of the basin and the Santa Clara Formation eroded into the Alameda Formation (a sequence of alternating estuarine muds and non-marine alluvial deposits). As in Norfleet Consultants 1998, ENTRIX restricts the Alameda Formation to the marine units beneath the bay up to and including the Young Bay Mud. The alluvial fan units areally located between the bay and the hills are referred to as the San Antonio or Temescal Formations.

Depositional pattern maps have been reproduced from Norfleet Consultants 1998 report to illustrate the current understanding of the depositional history of the Pleistocene to Recent sediments along the East Bay Plain. During deposition of the Santa Clara Formation, the main depocenter was to the south and the Site was an area of eroded highlands or table lands (Norfleet Consultants 1998, Fig. 12, Appendix B). During Alameda time the basin sank allowing the marine incursion. The Site continued to be an uplifted zone of continental deposition (Norfleet Consultants 1998, Fig. 13, Appendix B).

In the Norfleet study, the San Francisco Bay Basin was divided into several sub-areas, the Site was included in the Berkeley sub-area (Norfleet Consultants 1998, Fig.3, Appendix B). The Berkeley sub-area consists of a series of alluvial fans centered around the historical drainage of Temescal Creek (referred to as Temescal Formation) and deposited on top of west sloping basement rock. The alluvial units of the Temescal Formation range in thickness from 10 to 300 feet (ft.) and average 100 to 200 ft. (Norfleet Consultants 1998). The transition of the Temescal Formation to the marine bay muds of the Alameda Formation occurs at the "pre-fill" edge of the bay (see Figure 2-5). The broad area of artificial fill (which was added to the coast line in order to extend the Bay margin westward) has been mapped by Radbruch in 1957 (Appendix B, Map I-239) and is located to the west of the Site. The transition from the alluvial fan deposits to the marine bay muds west of the Site occurs approximately along the line of the existing railroad tracks. However, the results of the B zone field investigation discussed later in this report may slightly modify this interpretation.

The Young Bay Mud of the Alameda Formation (see Figure 2-5), currently being deposited in the bay, is a black, unconsolidated, saturated, organic rich clay containing some gravel and sand layers, shell fragment layers, peat, and organic debris. The mud generally ranges in thickness from 50 to 75 ft. (Figuers 1998). The deeper Yerba Buena Mud (Old Bay Mud) of the Alameda Formation is a widespread homogeneous estuarine mud. It consists of black organic-rich clay, averaging 25 to 50 ft. thick, and typically containing a gravel/shell layer in the middle of the unit. (Figuers 1998)

2.2.2 Site Geology

The Site is located approximately 0.3 miles east of the current bay shoreline on the east bay plain and 3.5 miles west of the Hayward Fault. Surface elevation ranges between 10 and 15 ft. above mean sea level (msl) (Appendix B, U.S.G.S. Oakland West 7.5 min. topographic map). Several creeks drain the west side of the Berkeley hills, flowing west to the bay. The nearest creek is the Temescal Creek which originates in the Berkeley

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hills at Lake Temescal and enters an engineered channel that runs under/through Berkeley and passes along the northern edge of the Site. Temescal Creek will be discussed in detail later in Section 2.2.5.

The soils underlying the Site consist of Holocene through Early Pleistocene alluvial sediments of the Temescal Formation (see Figure 2-5). The 1990 USGS geologic map shows Quaternary Alluvium outcropping at the Site. More detailed mapping by Radbruch in 1957 shows the Quaternary Temescal Formation outcropping at the Site (Map I-239 Appendix B). The Temescal Formation is described as an alluvial fan deposit comprised of interfingering lenses of clayey gravel, sandy silty clay, and sand-clay-silt mixtures. Total thickness of the sediments based on deep coring near the Site is approximately 200 to 300 ft. (Norfleet Consultants 1998, Fig.8, Appendix B).

The Temescal Formation has been penetrated to a depth of 60 ft. below ground surface (bgs.) at the Site in boring LF-B1 which is used as the Type Section for this evaluation (see boring LF-B1 in Appendix B). This Type Section can be broken down into four general units (fill, Unit A, aquitard, Unit B). The shallowest unit is engineered fill which consists of sands, silts, and gravels with concrete and wood fragments. This fill extends from ground surface and ranges from 0 to 4 ft. in thickness.

The fill unconformably overlies Unit A (which includes the A groundwater zone) which consists of a shallow set of slightly permeable beds located between ground surface and 20 feet bgs. The sediments of A unit consist of a series of approximately 1 to 3 ft. thick units that range from clayey sand to sandy gravel (LF-B1, Appendix B). These beds are underlain by approximately 21 ft of silty clay that acts as a local aquitard separating Unit A from Unit B. Unit B (which includes the B groundwater zone) consists of a deeper set of permeable beds which appear in LF-B1 between 44 and 60 feet bgs.

Twelve hydrogeologic cross sections have been constructed through and adjacent to the Site. Figure 2-6 presents these twelve cross-sections, as well as existing borings and the potential conduits discussed in the CCR. (During the September 1998 meeting of the CWG, regulatory agency members and stakeholders were given the opportunity to review all twelve cross sections.) Four of these sections have been drafted and are presented as Figures 2-7 through 2-10. These cross sections include the boring log descriptions, measured water levels, chemical data, and the approximate location of any lateral conduits as described in the CCR. This section of the report will discuss the relevant hydrostratigraphy presented in these cross sections. Section 2.2.3 will discuss the groundwater hydrology presented in these figures. Section 2.2.5 will discuss Temescal Creek, as Section B3-B3' illustrates the relationship between the A groundwater zone and the old as well as improved Temescal Creek. Section 3.3 will discuss the chemistry data presented in these cross sections.

Sections E-E' (see Figure 2-8) and J-J' (see Figure 2-10) are dip sections running East - West. Sections G-G' (see Figure 2-9) and B3-B3' (see Figure 2-7) are strike sections running North-South through the Site. The cross-sections presented in this report have

been constructed utilizing boring information that was included in the CCR (LFR 1998). No core samples or other hand specimens were inspected by ENTRIX.

These cross-sections indicate the distribution of the fine-grained (clay and silt) and coarse-grained (sand and gravel) sediments along with engineered fill (including asphalt and concrete). These cross sections illustrate the rapid thickness changes of the sediments of Unit A. To illustrate the thickness changes, section G-G' (Figure 2-9) shows a relatively thick sand unit of limited lateral extent between 0 and +10 ft msl at the intersection of cross-section J-J' (Figure 2-10). However, on J-J' this same unit extends much further laterally in an East - West dip direction, suggesting the presence of a paleo channel. In another example, at the base of boring LF- 27 on section J-J' a sand occurs that is interpreted as having limited lateral extent in the dip direction. However, this sand appears on G-G' and extends at greater length along depositional strike to the north indicative of a beach or strand line deposit.

Two isolith maps of the thickness of the artificial fill and the permeable deposits of Unit A across the Site were developed based on the cross-sections. Figure 2-11 presents an isolith map of the artificial fill lying on top of Unit A in the area of the Site. (This fill map does not include the sediment which was excavated during construction of the slurry wall and deposited in the northeastern corner of the Sherwin-Williams property. The excavated sediment would add an additional two to three feet of thickness to the fill in the northeasternmost corner of the Sherwin-Williams facility.) No information is available regarding the thickness of the fill in the southern area of the Site.

An isolith map of the more permeable beds in Unit A (excluding the artificial fill) was prepared to better understand the depositional patterns of Unit A (Figure 2-12). This isolith or thickness map totals the thickness of all saturated sands and gravels in Unit A, even if the sands/gravels are separated by thin clay units. Total thickness of the permeable water-bearing units ranges from 4 to 12 ft. over the Site. This map indicates the more permeable units underlying the Site have two depositional trends. One trend is in the northwest-southeast direction (depositional strike) with a secondary orientation of thicker sand units at right angles or paleo-dip direction. The NW-SE depositional trend is probably the result of low energy bay shore deposits, and the other trend is probably the result of stream deposits related to the alluvial fan unit.

The A/B aquitard consists of silty clay with local thin (1ft. or less) sandy units. Thickness underlying the Site ranges from approximately 12 ft. (LF-B3, LF-B2) to 21 ft. (LF-B1). In addition, the A/B aquitard appears to be laterally continuous across the Site.

Unit B is approximately 12 feet thick and consists of 0.5 to 3 ft. thick permeable units that range from clayey sand to sandy gravel. The top of the B unit ranges from approximately 28 ft. bgs (LF-B3, LF-B2, LF-B6) to 44 ft. bgs (LF-B1).

2.2.3 GROUNDWATER ZONES

Hydrogeologically, the subareas defined by the Norfleet study discussed in Section 2.2.1 are considered distinct (Norfleet Consultants 1998, Fig. 3, Appendix B). The Berkeley sub-area is essentially a single hydrogeologic unit, containing numerous alluvial fan deposits. However, none of the three primary East Bay aquifers (Newark, Centerville, and Fremont) are present within the Berkeley sub-area (Norfleet Consultants 1998). The Norfleet study (page 23) states that "Even though the [Berkeley] subarea is filled mainly with gravels and sands, it is unlikely that there are notable groundwater supplies. This appears to be due to the limited natural recharge." Wells installed in this subarea "will have a high initial pumping rate, but high pumping will quickly deplete the aquifer (small sustainable yields)."

As discussed previously, the Site-specific geologic units A and B are located in the Berkeley subarea, and are part of this low-yield groundwater zone within the Temescal Formation. For completeness, the groundwater flow conditions in these two units before and after the installation of the existing slurry wall and groundwater extraction system are presented in the following text. (The slurry wall and extraction system will be discussed in more detail in Section 2.3.) Measured water levels, groundwater flow directions, and flux within each of the groundwater flow units will be discussed.

Cross-sections presented in Figures 2-7 through 2-10 illustrate measured groundwater levels before and after installation of the slurry wall. Figure 2-13 presents the Summer 1993 (pre-slurry wall) A zone potentiometric surface, and Table 2-2 presents the groundwater elevation data used to produce this figure. In order to understand the shallow area-wide groundwater flow regime, the Summer 1993 water level map (Figure 2-13) includes the June quarterly groundwater monitoring data for the Sherwin-Williams Site as well as data collected in May through August 1993 at the Barbary Coast Steel and Myers Container Corporation properties, respectively. These properties are located adjacent to the Sherwin-Williams Site to the west.

Representative figures for the post-slurry wall A and B zone groundwater flow conditions are included in Appendix C. These figures were first presented in Levine-Fricke-Recon's (LFR's) Quarterly Groundwater Monitoring Report for July 1 to September 30, 1998. For comparison purposes, the A zone measured water levels presented in the cross-sections match the same sampling period as the water levels presented in the area maps (Figure 2-13 and Appendix C).

Groundwater Flow in the A Zone

As presented in Figures 2-7 through 2-10, the A zone appears to be a predominantly shallow, unconfined to semi-confined, lower permeability groundwater-bearing unit. A zone groundwater appears to be present in relatively thin (approximately 2- to 5-feet thick), discontinuous, and heterogenous beds of sand/gravel interbedded with less permeable silty clayey sediments. The isolith map of the more permeable sediments (Figure 2-12) illustrates the heterogeneity and discontinuity of the water-bearing

sediments. Depth to groundwater across the general area of the Site varies from approximately three to twelve feet bgs.

Prior to the installation of the slurry wall and the groundwater extraction system, the direction of groundwater flow across the Site was predominately west to northwest toward San Francisco Bay and Temescal Creek (Figure 2-13). Groundwater flow in the northernmost portion of the Site appears to be locally influenced by Temescal Creek. The Summer 1993 groundwater elevation data show a groundwater divide located along the property line between the Myers Drum and Barbary Coast Steel properties. Groundwater to the north of the divide flows toward the Creek, and groundwater to the south flows west toward the Bay. Whether this groundwater divide extends eastward through the Site is uncertain since limited water level data exists in the southern half of the Site. The horizontal groundwater gradient measured between LF-1 and LF-4 is approximately 0.004 foot per foot. The gradient increases with proximity to Temescal Creek, and is approximately 0.006 foot per foot as measured between LF-5 and LF-9.

The flow of groundwater in the A zone beneath the Site has been altered by the installation of the slurry wall and the groundwater extraction system in the early 1990's (Appendix C). The flow inside the slurry wall is generally toward the extraction wells. The groundwater flow outside of the slurry wall is presumably toward the west in the southern portion of the property and toward the north in the western and eastern portions of the property. The flow outside of the slurry wall appears to be controlled by proximity to the slurry wall and Temescal Creek. The horizontal groundwater gradient outside of the slurry wall as measured between LF-13 and LF-11 on July 13, 1998 is approximately 0.004 foot per foot. The groundwater potential across the slurry wall fluctuated in 1998 as groundwater elevation data collected on February 24, 1998 indicated an outward potential, and groundwater elevation data collected on July 13, 1998 indicated an inward potential. The fluctuation in potential across the slurry wall is most likely due to seasonal changes in groundwater elevations and operation of an upgraded groundwater extraction system.

Hydraulic pump tests (discussed further in Section 2.3.1.1) were performed on three A zone wells in January 1990 and in December 1997. The pump test data indicate the transmissivity ranges between 31 and 4,739 gallons per day/foot (gpd/ft), and the hydraulic conductivity ranges between 10^{-4} to 10^{-2} centimeters per second (cm/s). Based on these data, the flux in the A zone ranges from approximately 0.007 to 1.5 feet/day. Assuming a literature derived effective porosity of 0.12 (Freeze and Cherry 1979), the average linear velocity would range from 0.057 to 12.5 feet/day.

Groundwater elevations vary between 4 and 10 feet msl within the A zone and can fluctuate up to 3 feet seasonally. The water levels are highest in the wet season between December and February. Seasonal hydrographs were presented in the CCR.

The pH of the A zone groundwater approximately ranges between 6.4 and 7.2, and the specific conductivity ranges between 250 and 1900 umhos/cm. The temperature of the groundwater ranges between 16 and 20 degrees centigrade.

A/B Aquitard

The A/B aquitard consists of silty clay with local thin (1ft. or less) sandy units. Thickness underlying the Site ranges from approximately 12 ft. (LF-B3, LF-B2) to 21 ft. (LF-B1). The A/B aquitard appears to be laterally continuous across the Site and adjoining properties, as indicated in the geologic cross-sections (Figures 2-7 through 2-10). The low permeability of the A/B aquitard effectively separates the A zone and the B zone, and maintains a significant piezometric pressure head within the underlying B zone.

Groundwater Flow in the B Zone

As presented in Figures 2-7 through 2-10, the B zone is a confined unit with several feet of piezometric pressure head above the top of the A/B aquitard. Groundwater elevations and potentiometric surface maps for the post-slurry wall B zone are provided in Appendix C. This figure shows post-slurry wall conditions as presented in the "Quarterly Groundwater Monitoring Report for July 1 to September 30, 1998" prepared by Levine-Fricke-Recon.

The groundwater flow conditions within the B zone do not appear to have been significantly impacted by the installation of the slurry wall and the groundwater extraction system indicating the limited permeability of the confining unit separating the A zone and the B zone. The groundwater flow direction both before and after the installation of the slurry wall and extraction system is north to northwest toward Temescal Creek. The groundwater gradient between LF-B4 and LF-B3 is approximately 0.003 feet/feet as measured on July 13, 1998. The groundwater potential across the A/B aquitard fluctuated in 1998 as groundwater elevation data collected on February 24, 1998 indicated a downward vertical hydraulic gradient, and groundwater elevation data collected on July 13, 1998 indicated an upward hydraulic gradient. The fluctuation in vertical hydraulic gradient is most likely due to the changes in the A zone due to the operation of the groundwater extraction system.

Hydraulic pump tests were performed on well LF-B3 in January, 1990. The pump test data indicates the transmissivity ranges between 956 and 985 gallons per day/foot (gpd/ft), and a hydraulic conductivity of approximately 10^{-2} cm/s. Based on this data, the flux in the B zone is approximately 0.13 feet/day. Assuming a literature derived effective porosity of 0.12, the average linear velocity is approximately 1.07 feet/day.

Groundwater elevations vary between 6 and 9 feet msl within the B zone and can fluctuate up to 2 feet seasonally. The water levels are highest in the wet season between December and February.

The pH of the B zone groundwater approximately ranges between 6.8 and 8.35, and the specific conductivity ranges between 400 and 1200 umhos/cm. The temperature of the groundwater typically ranges between 19 and 21 degrees centigrade.

2.2.4 Groundwater Use of A Zone and B Zone

The groundwater underlying the Site is not currently being used. As discussed previously, the Norfleet study indicated "there were no historic municipal well fields and no large-scale groundwater sources" within the Berkeley subarea (which includes the Site) (Executive Summary of Norfleet 1998). The primary historical source of water for the Berkeley subarea (prior to importing surface water from the Sierras) was tunnels and springs in the hills east of U.C. Berkeley. The Norfleet study (page 23) indicated "groundwater volumes [in the Berkeley subarea] appear to be suitable for single family homes and small industrial uses, but there is no historical evidence to suggest that groundwater supplies are sufficient for municipal use." Additionally, the Norfleet study indicates historic problems with saltwater intrusion when the upper groundwater zones along the bay front are pumped.

Future family and small industrial use of groundwater in the A- and B-groundwater zones underlying the Site is unlikely for several other reasons. Section 3-160.5 of Article 14, Alameda County Ordinance Code requires that wells constructed in Alameda County comply with California Department of Water Resources Bulletin 74 (California Well Standards), as well as with various specific local requirements. This ordinance includes the following provisions that constrains usage of both the A and B groundwater zones at the Site, as follows:

- Community water supply wells must have a minimum annular seal of 50 feet. (This requirement precludes development of the A zone for community supply since the A zone only extends to a depth of 20 feet.)

- Domestic wells, industrial water supply wells, agricultural wells, air conditioning wells, and all other wells must have a minimum annular seal of 20 feet. (Because this annular seal would exclude a significant thickness of the shallow groundwater zones, the available production would be significantly diminished.)

Department of Toxic Substances Control (DTSC) has also indicated in Remedial Action Plans (RAPs) recently approved for the adjacent properties of Barbary Coast Steel and Myer's Drum (Figure 1-2), that future use of shallow groundwater underlying these adjacent properties is unlikely. DTSC's Statement of Reasons for the Barbary Coast Steel property states that "The groundwater at the site [Barbary Coast Steel] is not currently used for drinking or other purposes, and the future use of groundwater at the site [Barbary Coast Steel] is unlikely" (EMCON May 1996 Appendix D). DTSC's Statement of Reasons for the Myers Drum property states that "The groundwater beneath the Site is not currently used for drinking water or other purposes and the future use of the groundwater at the Site is unlikely due to high TDS levels. A survey was conducted as

part of the RI to identify water supply wells in the vicinity of the Site [Barbary Coast Steel]. No active water supply wells were identified within ½ mile radius of the Site [Barbary Coast Steel]."

2.2.5 TEMESCAL CREEK SETTING

2.2.5.1 Temescal Creek Watershed

The Temescal Creek watershed encompasses a 6.68 square mile (sq. mi.) area with headwaters in the Berkeley Hills on the north and south sides of Highway 24 (Figure 2-14). The upper watershed has ridge elevations of approximately 1,200 to 1,300 ft and includes mixed open space and residential lands in the Berkeley Hills. The contributing area upstream of Lake Temescal is about 2.64 sq. mi. and includes the upper main stem of Temescal Creek (1.67 sq. mi.) and the Caldecott Tunnel branch (0.97 sq. mi.). Downstream of Lake Temescal, runoff from the other two upland subbasins, Vicente Branch (0.64 sq. mi.) and Claremont Creek (1.22 sq. mi.), combines with urban runoff within the densely developed lowlands of Berkeley and Emeryville. The mouth of Temescal Creek flows into San Francisco Bay about 0.4 mi. north of the highway interchange leading to the Bay Bridge toll plaza.

Channel Conditions

A relatively small percentage of the main and tributary lengths of Temescal Creek still have earth-lined open channels with natural configuration. Those that remain are primarily within the Berkeley Hills (Figure 2-14). The lower 3.5 miles of the main stem and most of the tributary channel reaches are within engineered underground storm drain systems.

2.2.5.2 "Old" Temescal Creek

In the vicinity of the Site, the surface channel of old Temescal Creek between Horton Street and the SPRR Railroad spur has been replaced by a relocated, underground culvert north of the Site and an open, engineered flood channel extending downstream (west) to Interstate 880 (Figure 2-14). Old Temescal Creek (as part of the main flood channel) was abandoned following the 1968 construction of the flood control project.

The old channel persists as a topographic and drainage feature, although it no longer receives runoff from the upstream watershed. It crosses under Horton Street in two large concrete culverts and passes under the Rifkin warehouse in a concrete box culvert. Downstream of the warehouse, a short section of the old constructed "U" shape channel exists (5 to 10 feet deep; 10 to 15 feet wide) with vertical banks supported by wood slats (Levine-Fricke-Recon, 1998; ENTRIX, 1998). The old channel discharges through a 5 ft diameter culvert into the concrete-lined flood channel of the re-engineered Temescal Creek upstream of the railroad crossing (Figure 2-14). The old channel may receive surface flow from storm drains along Horton Street that appear connected, as well as local runoff from other nearby streets. Significant discharge of groundwater to the old channel

seems unlikely since no base flow was noted during a recent Site visit by ENTRIX (November 2, 1998).

2.2.5.3 Lower Temescal Flood Channel

Lower Temescal Creek from Horton Street to San Francisco Bay was constructed as an engineered flood control channel between 1964 and 1968 (Alameda County FCWCD, 1975) (Figure 2-14). Within the Site vicinity, the only surface water contributions to the channel are the 5-foot diameter culvert from the old channel and a 21-inch diameter storm-water drain entering from the Sherwin Williams property. There were no other storm drains observed which outlet within the project area during a recent Site visit.

Based on improvement plan design and as-built data (Alameda County FCWCD, 1965 and 1975), the flood control channel has a "U" shaped, concrete-lined cross section approximately 16 ft. deep and 25 to 30 ft. wide, with a long profile gradient of 0.00083 ft/ft. (see Temescal Creek presented on B3-B3' cross-section, Figure 2-7). The channel was excavated about five feet below the previously existing ground surface of old Temescal Creek, with side construction slopes of approximately 1:1. The area behind the vertical concrete walls and under the concrete bed was backfilled using filter material, crushed rock, gravel bedding, and reserved earthen materials. A subdrain network was constructed under the channel, with pressure relief flap gates rising at intervals along the channel walls to minimize the risk of uplift, buckling, or shifting of the concrete liner (See Temescal Creek presented on Figure 2-7). The subdrain network consists of 4 inch perforated pipe buried in the gravel bedding across the channel bed at relatively regular spacing (30 ft.) that is connected by perforated pipes paralleling the channel left and right banks. Approximately every 90 to 120 ft along the channel length, vertical risers of 6 inch non-perforated pipe extend outside the channel walls to recessed openings in the concrete walls about two feet above the bed (See Temescal Creek in Figures 2-3, 2-4, and 2-7). Flap gates using 8-inch Waterman Drainage Gates (model F-10) were installed to allow one-way release of water from the subdrain system into the flood control channel when hydrostatic pressure is sufficient (hinges designed to require <1.0 foot of pressure head). The flap gates were not observed during the Site inspection by ENTRIX on November 2, 1998; however, cross-section B3-B3' includes a flap gate north of the Site. This flap gate was included on the figure in order to illustrate the design of the flap gates. Figure 2-3 presents the known locations of flap gates, per the Alameda County records received by ENTRIX. The flap gates, if present, are most likely currently buried beneath the channel sediment.

Channel Sediment

ENTRIX observed during a recent Site visit (November, 1998) that the concrete bottom of the re-engineered channel was generally buried in 2 to 4 feet of sediment, with some bars of even greater thickness. As a result, present effective channel depth from the top of the concrete walls is about 10.5 to 11.5 ft (Figure 2-7). Within the sediment deposits

and confines of the concrete channel, Temescal Creek maintains a meandering low-flow channel with point bars at regularly-spaced intervals.

The bed sediments are dominantly clay and silt, with small to large gravel embedded in the clay matrix. The abundance of fine substrate is likely due to settling of suspended fines brought in from the bay on high tides. The gravel are most likely derived from the upper watershed, deposited during the receding limb of storm hydrograph(s).

2.2.5.4 Surface Hydrology

Watershed Runoff

In the upper watershed Temescal Creek is an intermittent stream, but in its lower reaches it may experience perennial flow as a result of urban drainage (i.e., probably not natural groundwater base flow support). Runoff is generated primarily during the winter months in response to rainfall events, without substantial base flow between storms, as is typical for streams within this region of the California Coast Ranges. There are limited, discontinuous U.S. Geological Survey (USGS) stream gauging records available for Temescal Creek upstream of the project area. Daily stream flow and peak flows are available for Temescal Creek above Lake Temescal (USGS #11181330) from September 1979 through 1981 and September 1989 through 1993, and for Caldecott Creek above Lake Temescal (USGS #11181335) from November 1979 through September 1981. While these data do not incorporate the influences of recent land use changes in the upper watershed or the contributions from Claremont Creek and the urban lowlands, they provide a perspective on the seasonal regime and the base and peak flow contributions from the upper watershed areas. During the period of record, upper Temescal and Caldecott Creeks have similar magnitude and timing of response to rainfall events, and both sub-basins generate similar runoff per unit area of watershed. Mean daily flows during the winter months ranged from 1 to 30 cubic feet per second (cfs) on each stream, with winter base flows on the order of 0.5 to 1.0 cfs. Summer base flows are on the order of a few hundredths to a couple of tenths of a cfs. Peak flows observed on Temescal Creek exceed 75 cfs a few times each year, with peak annual flows over 130 cfs most years. The Temescal Creek sub-basin represents about a third of the Berkeley Hills portion of the watershed, which likely generates most of the storm runoff in the basin. Therefore, a conservative estimate of the total flow in the main stem Temescal Creek near the confluence of Claremont Creek would be about three times that of Upper Temescal. In addition, urban storm runoff and drainage waters add to the surface flow experienced in the project reach near the mouth of the stream.

During a Site visit on November 2, 1998, the base flow in the lower Temescal flood channel was estimated to be 2 cfs bayward in the improved flood control channel, and the storm drain at the Sherwin-Williams Site was contributing a very small amount of flow. There was no obvious inflow from the channel walls or subdrain system of groundwater. The bayward flowing water in the channel at this time was clear, with no obvious

sediment load. Surface flow was not present at the Old Temescal creek channel during the Site visit.

Tidal Influence

Temescal Creek in the vicinity of the Sherwin-Williams Site is influenced by tidal action that effects surface water levels, flow direction, flow velocity, and water quality in the channel. Like other areas of the San Francisco Bay and the Pacific Coast, this area experiences semi-diurnal tides, or two unequal highs (Higher High Water, High Water) and two unequal lows (Lower Low Water, Low Water), every day. The diurnal range, or difference between the Higher High Water (HHW) and Lower Low Water (LLW) during a tidal day, varies with the quarters (phases) of the moon. During each lunar month, the most extreme diurnal range occurs with the new and full moons, as "spring" tides. The smallest diurnal range each lunar month occurs as "neap tides" associated with the first and third quarters of the moon.

The National Oceanic and Atmospheric Administration (NOAA) tidal elevation data is expressed in vertical feet relative to the tidal datum of MLLW, which, at Berkeley, San Francisco Bay (941 4816) station, is 2.86 ft below the National Geodetic Vertical Datum (NGVD or mean sea level 1929). The mean tide elevation at Berkeley is 3.35 ft (0.46 ft msl), with a mean HHW of 6.17 ft (3.31 ft msl and a 100-year tide elevation of 9.26 ft (6.4 ft msl) (NOAA, 1982; Alameda County PWA, 1989).

Based on existing topographic information, including the as-built data for the constructed channel (Alameda County FCWCD, 1965), temporary benchmarks placed by LFR, and ENTRIX staff field observations (November, 1998), the elevation of the concrete-lined bed in Temescal Creek ranges from about -2.0 ft (msl) near Horton Street to -2.5 ft (msl) at the rail yard. These data indicate that the mean tide would reach an elevation of approximately two feet above the concrete channel bed. This 2-foot depth is consistent with the observed thickness of fine sediment deposits within the lined channel. The mean high tides would result in water level depths about 5 feet above the concrete channel bed adjacent to the Site and, extending at shallower depths upstream of Horton Street. The flow direction in the channel at high tide was observed to be inland, and the channel water was murky, saline, and laden with bay sediments. The typical high tide levels are evidenced by water and algae marks on the concrete channel walls about 3 feet above the sediment deposits, consistent with water depths observed on November 2, 1998 (ENTRIX, 1998). At high tide on November 2, 1998, ENTRIX observed that bay back-water inundated the concrete culvert section that carries discharge from the old Temescal Creek channel (ENTRIX, 1998). The typical high tide levels are evidenced by water and algae marks on the concrete channel walls about 3 feet above the sediment deposits, consistent with water depths observed on November 2, 1998 (ENTRIX, 1998).

2.2.6 Pipelines and Other Lateral Man-Made Features

Task 7c of the Order states that "surface and subsurface conduits at the Site that may allow contaminants to migrate laterally off-site or vertically into deeper aquifers" should

be identified. The CCR provided a discussion of man-made structures (e.g., wells, pipelines) that could potentially act as vertical or lateral conduits. This subsection supplements the discussion of lateral conduits presented in the CCR based on review comments received from the CWG. The analysis of potential vertical conduits remains unchanged from that presented in Section 3.1 of the CCR, with the exception of adding the elevator shaft in building 35. This shaft may be a vertical conduit, and groundwater sampling underlying and downgradient of building 35 in the A and B zones is proposed (see Section 5.0).

The pipelines presented in the CCR were evaluated with regard to their potential to (i) transport chemicals off-Site either in the bedding or backfill material around the pipe or (ii) for chemicals to be transported off-Site by flow within the pipe due to chemicals disposed of within the sewage system or due to infiltration of contaminated groundwater into the pipe. In order to facilitate discussion of these pipelines, Figure 2-4 provides unique identifiers for each pipeline which was evaluated in the CCR. Table 2-3 provides a summary of ENTRIX's evaluation of these pipelines. The conduit designations have been assigned by ENTRIX on Figure 2-4 starting at the north boundary of the Site and proceeding clockwise to the east, south and west. The lower Temescal Creek flood channel (an off-Site man-made feature) and the on-Site railroad ballast have also been added to this evaluation.

The pipeline evaluation has been organized into four major categories depicted in Table 2-3: physical setting, potential transport via bedding material, potential transport via pipeflow, and timing. The first six columns of Table 2-3 summarize the physical features of the pipelines (e.g., pipe identifier presented on Figure 2-4, pipeline diameter, earliest known date regarding existence, current status, depth of burial and construction material). No information was available regarding bedding material. ENTRIX assumed for this evaluation, the bedding material was either sand/gravel or backfilled native materials. Columns 7 and 8 of Table 2-3 discuss the flow features of the pipe relevant to off-Site transport within the bedding material (e.g., is the pipe below the A zone groundwater table, and if so, what direction is groundwater flowing across the bedding material). No piping exists below the bottom of the A zone. In order to present a conservative analysis, the higher pre-slurry wall groundwater table was used for the evaluation. Column 9 concludes whether there is a potential for chemicals to flow within the pipe's bedding material to an off-Site location.

Columns 10 through 13 of Table 2-3 discuss the flow features of the pipe relevant to off-Site transport via pipe flow itself (e.g., leaking pipe). Column 10 presents the flow direction within the pipe. Column 11 indicates whether there is potential for groundwater to infiltrate the pipe (e.g., pipe below groundwater table). Column 12 of Table 2-3 states whether the pipe outfalls to surface water (e.g., Temescal Creek) or to another pipeline. Column 13 indicates whether the pipe could receive additional chemicals from either surrounding contaminated groundwater or from a connecting pipeline which could receive contaminated groundwater. Determination regarding whether a pipe could potentially act as a lateral conduit to an off-Site location is provided in column 14.

(Column 14 also indicates those pipelines with insufficient data to make this assessment.) If a pipe could potentially act as a lateral conduit, then information is provided regarding whether this pathway is historic and/or current.

2.2.6.1 Potential for Pipe Bedding to Act as Flow Path

As indicated in column 9 of Table 2-3, the bedding around the pipes is unlikely to act as a lateral conduit to off-Site locations. For the several pipes with a depth of burial above the groundwater table (all water and gas lines, SS-8, SS-12, SS-13, SS-14, SD-6, and railroad ballast), obviously no potential groundwater flow path exists. When evaluating the remaining pipes below the groundwater table, it is important to remember that the surrounding A zone sediments consist of discontinuous beds of sands and gravels in a matrix of silts and clays. Some of the pipe lines have been posted on the constructed hydrogeological cross-sections (Figures 2-7 through 2-10). For instance, section B3-B3' was constructed along the path of a series of storm drains. Upon examination of section B3-B3', and the other cross sections, it is clear that the pipelines do not run for continuous distances to off-Site locations within low permeability silts and clays of the A zone. Over a distance significant to a preferential off-Site pathway, the bedding material of the pipelines do not appear to have a substantially different permeability from the surrounding A zone sediments. Therefore, no lateral conduit for contaminated groundwater to be transported to off-Site locations via the bedding material was identified for any pipe line.

The only exception to this determination is in regard to Temescal Creek. The old Temescal Creek is unlikely to be an off-Site pathway due to its shallower depth relative to the water table, less conductive bedding material, and predominantly upgradient location relative to on-Site groundwater plumes. However, the engineered sand bed underlying the lower Temescal flood control channel (see Section 2.2.5.3) could create a preferential pathway for groundwater to flow off-Site to the west. No VOC's or SVOC's have been detected in groundwater collected on a quarterly basis from monitoring wells located adjacent and upgradient of Temescal Creek. Recent data indicates only low detected concentrations of arsenic in groundwater immediately upgradient of the flood channel. Therefore, the channel is unlikely to be a historic or current pathway, but could be a potential future pathway if concentrations of chemicals increase in the monitoring wells adjacent to the channel.

2.2.6.2 Potential for Internal Pipe Flow to Act as Off-Site Pathway

In order for an on-Site pipe to act as a lateral conduit for contaminant migration, contaminated groundwater obviously must infiltrate the pipe. Pipes whose depth of burial is above the groundwater table, therefore have no potential for infiltration of contaminated groundwater (see column 11 of Table 2-3). Downward percolation of surface water through the vadose zone would not provide the differential pressure needed to achieve infiltration of the pipe walls.

If the pipe is located below the groundwater table, then a section of the pipe must run through a plume area in order to receive any chemical inflow through a break in the pipe wall. Or the pipe must carry chemicals discharged on-Site or must receive inflow from another section of pipe which potentially could receive chemical inflow (see column 13 of Table 2-3). The question marks in column 13 of Table 2-3 indicate Site areas where data gaps exist regarding the A zone groundwater quality.

The final column of Table 2-3 summarizes this assessment of the potential for individual pipes to act as preferential pathways for off-Site migration of contaminated groundwater. Those individual pipes which could act as a potential pathway or had an associated data gap were highlighted on the table. As discussed above, the bedding material of the pipes do not provide an off-Site pathway (see column 9) (with the possible exception of the bedding sands underlying the Temescal flood control channel). The following text provides a summary of this conduit evaluation with regard to potential transport via pipe flow.

Water pipes, gas lines, and railroad ballast: Due to their collective position above the groundwater table, none of these pipelines were identified as a potential lateral conduit.

Sanitary sewer pipes: Only one sanitary sewer line (SS-5) might have potentially acted as a historic minor off-Site pathway for Site chemicals. Several sanitary sewer lines are largely on-Site (SS-6, SS-7, SS-9, SS-11, SS-12, SS-14) and only feed to main off-Site pipes such as the Horton Street pipe (SS-5). As such, it would be the main pipe (e.g., SS-5), not the short on-Site pipes, with any potential to transport small amounts of contaminated groundwater to appreciable off-Site distances.

Several of the sanitary sewer pipes (SS-1, SS-2, SS-3, SS-4, SS-10) do not flow through contaminated groundwater or do not exclusively receive inflow from on-Site. Therefore, these pipes could not act as off-Site pathways for Site chemicals. As discussed in Section 2.1.1.1 (1929 potential pipe leaks), a remedial investigation conducted at the Barbary Coast Steel property indicates the old non-operating sanitary sewer lines identified as SS-8 and SS-13 have not acted as historic sources of off-Site contamination which required remediation. In 1996, a remedial action plan was finalized for the Barbary Coast Steel property, and cleanup levels were required for petroleum hydrocarbons, lead, and PCB.

The only sanitary sewer line which could have historically acted as a minor (but unlikely) source of chemicals to off-Site sediment is SS-5 (Horton Street main sewer). The only possible minor source of Site chemicals to this main Horton Street pipe would be from side sewer line SS-6. On March 30, 1995, EBMUD inspected the Sherwin Williams facility and noted a permit violation with respect to detected arsenic concentrations from side sewer no.3 (EBMUD number designation). EBMUD side sewer no. 3 is SS-6 on Figure 2-4. Pipe SS-6 is currently plugged and disconnected from the Horton Street pipe and could not act as a current pathway.

Since groundwater inflow to SS-6 would occur only by gravity flow (not under pressure), then a significant column of groundwater would need to exist above SS-6 (depth of 8 ft.)

in order for appreciable inflow to occur. In addition, seepage to off-Site soils from the slightly deeper Horton Street pipe (depth of 9 feet) would only occur if the water table dropped below the Horton Street pipe (again by gravity flow of sediment laden sewage water). Therefore, the historic release of any significant mass of Site chemicals from SS-5 seems unlikely when considering the episodic timing necessary for contaminated groundwater to inflow at SS-6 under high groundwater conditions, flow to SS-5 and then immediately seep from SS-5 under low water table conditions to surrounding soils.

Storm drains: As indicated in the last column of Table 2-3, historically a minor total mass of contaminated groundwater (typically below the ecological PRG's established by the Order) infiltrated several of the on-Site storm drain lines and then outfalled to the Temescal flood control channel. LFR's 1998 report of "Storm Drain Emergency Response Activities and Corrective Actions" details such a release of chemicals to the Temescal flood control channel. This historic infiltration would likely have occurred during the seasonal high water table conditions, after installation of the slurry wall most recently when the on-Site extraction wells were not in full operation.

Existing data do not support an evaluation of groundwater conditions in the southern area of the Site. Therefore, there are data gaps associated with the southern storm drains (SD-4, SD-5, and SD-6). Storm drain lines SD-1, SD-2, SD-3, SD-7, and SD-8 have had historic outfalls to the Temescal flood control channel. Storm drain lines SD-2 and SD-3 (installed in the 1950's) were abandoned in 1963/1964. Storm drain line SD-8 was installed in the early 1990's and then plugged in 1998. The remaining operable storm drain lines (SD-1 installed in 1997 and SD-7 installed in 1956) are inside the slurry wall, and the extraction system maintains the water table below these pipelines. The storm drains do not have a current or future potential for off-Site transport because of the dewatering action of the extraction system or because the pipes have been plugged and disconnected.

2.3 Scope of Historical Field Investigations

The following sections present brief summaries of previous field investigations (Section 2.3.1), previous and current groundwater monitoring programs (Section 2.3.2), and remedial investigation tasks completed to date for the Sherwin-Williams site and the former Rifkin property (Section 2.3.3).

2.3.1 Summary of Previous Field Investigations

This section provides a brief description of the previous field investigations that have been undertaken at the Sherwin-Williams site and on the former Rifkin property from approximately 1988 until submission of the June 2, 1997 Workplan (the Workplan) (LFR June 2, 1997). A summary of remedial investigation work completed since submission of the Workplan is provided in Section 2.3.3. Analytical test results from the previous field investigations are included in an electronic disk deliverable (EDD) included in Appendix D, and a discussion of the results is presented in Section 3.3. The reader is also referred to the referenced reports for further detail and a discussion of the

results. Table 2-4 presents a chronological summary of the field investigations at the Site and Table 2-5 presents a chronological summary of field investigations on the former Rifkin property. Soil sampling and groundwater sampling locations are presented in Figures 2-15 and 2-16, respectively.

Field investigations undertaken on the former Rifkin property, and to a lesser extent on the Sherwin-Williams site, were performed by various consultants. In general, the work performed by TMC Environmental, Inc. (TMC) was conducted on behalf of the Receiver for the Rifkin property, the work performed by EKI was conducted on behalf of Chiron Corporation, and the work performed by LFR was conducted on behalf of the Sherwin-Williams Company.

2.3.1.1 Sherwin-Williams Site and Horton Street

Investigations of soil and groundwater have been ongoing at the Sherwin-Williams site since 1988 when Sherwin-Williams undertook an initial environmental assessment of two former tank storage areas (LFR July 17, 1989). The two former tank storage areas included an oil tank farm constructed in the mid-1930's (Figure 2-2) and a solvent tank farm constructed in 1966 (Figure 2-3). Both tank storage areas were dismantled in 1987. As part of the environmental assessment, six soil borings were completed and eleven soil samples were collected (two from five borings and one from the sixth boring). Three borings were drilled in the former oil tank storage area (SW-1 through SW-3) and three borings were drilled in the former solvent tank storage area (SW-4 through SW-6). The samples were analyzed for VOCs (EPA Method 8240), extractable organic compounds (SVOCs by EPA Method 8270), pesticides and PCBs (EPA Method 8080), seventeen metals (CAM 17; EPA Method 6010/7000) and cyanides. Unless otherwise noted, the same analytical methods were used in subsequent field investigations. Elevated levels of metals, VOCs, and SVOCs were reported in soil.

In May 1989, LFR conducted a subsequent investigation of soil and groundwater at the site which included drilling nine soil borings and the installation of seven groundwater monitoring wells (LFR, July 17, 1989). Two soil borings (SB-7 and SB-8) were drilled west of the former oil tank storage area and the remaining seven borings (SB-9 to SB-15) were drilled in the former solvent tank storage area. In addition, seven groundwater monitoring wells (LF-1 to LF-7) were installed. Well LF-1 was installed on-site near Horton Street, and six wells (LF-2 through LF-7) were installed in the vicinity of the two former tank storage areas. The results of the soil and groundwater analyses confirmed the presence of elevated levels of metals, VOCs and SVOCs in soil and groundwater.

In October and November 1989, additional soil and groundwater investigations were conducted which included the installation of six shallow "A zone" groundwater monitoring wells (LF-8 to LF-13) and three deeper "B zone" groundwater monitoring wells (LF-B1 to LF-B3), and drilling eleven soil borings (SB-16 to SB-26) (LFR, April 4, 1990). Wells LF-12 and LF-13 were located off-site in upgradient locations and were intended to provide data on background soil and groundwater quality. The soil borings

were located outside of the two former tank storage areas to assess the extent of impacted soil. Soil and groundwater samples were analyzed for VOCs, SVOCs, and five metals (arsenic, cadmium, copper, lead and zinc). Groundwater samples collected from wells LF-12 and LF-13 were analyzed for VOCs, SVOCs and CAM 17 metals. In addition to the soil borings and well installations, short-term (less than 30 minutes) hydraulic pumping tests were performed in three A zone wells (LF-6, LF-7 and LF-10) and one B-zone well (LF-B3). Results of these tests were discussed earlier in Section 2.2.3. To evaluate tidal influences at the site, water levels in the wells and in Temescal Creek were measured during three tidal periods (lower low tide, lower high tide, and higher high tide).

Between June and August 1990, one B zone groundwater monitoring well (LF-B4) was installed upgradient of the site, three A zone groundwater monitoring wells (LF-14 to LF-16) were installed downgradient of the site and "hot spot" excavation was completed (LFR, December 20, 1991). Approximately 450 cubic yards of soil were excavated from the former solvent tank storage area near the present location of extraction wells EX-1 and EX-2. Well LF-6 was abandoned by sealing with cement as part of the soil excavation activities. The soils contained elevated levels of VOCs, benzene, toluene, ethylbenzene, xylene (BTEX), and metals. The excavated soil was disposed at a Class I landfill.

Between 1990 and 1991, several investigations were undertaken to investigate specific areas on the Sherwin-Williams site (LFR, December 20, 1991). In 1990, soil borings SB-41 through SB-48 were drilled to evaluate impacts associated with a spill of Texanol (discussed earlier), an "ester-alcohol-based solvent" which had spilled on March 25, 1990. Further characterization of the extent of arsenic impacted soils was performed over this time interval and included the drilling of 41 soil borings (April and June 1990: SB-27 to SB-40; January 1991: AA9101 to AA9112; June 1991: AA9113 to AA9124, and AA91TS1 to AA91TS3). In general soil samples were collected from depths of 2, 4, and 6 feet and were analyzed for metals. In July 1990 and January 1991, an investigation of a "residual tar/diesel-like compound" observed during drilling of wells LF-10 and LF-B3 in a paved parking area was conducted. The area of investigation was located along the western site boundary near the area where USTs containing Bunker C (diesel #6) and owned by the Southern Pacific Railroad were later discovered (see Figure 2-3). The investigation involved drilling 11 soil borings (July 1990: PA-1 to PA-3, January 1991: PA9101 to PA9106, PA9102B, PA9105B); soil samples were analyzed for TPHd. The analytical test results indicated the presence of a "heavy petroleum-based compound".

In April 1994 and in conjunction with field investigations undertaken at the former Rifkin property, one soil boring (SB-8) was drilled on the Sherwin-Williams-site near the Rifkin southern property line (LFR, May 19, 1994). Elevated levels of arsenic, acetone, toluene, ethylbenzene, xylenes, TPHg and TPHd (total petroleum hydrocarbons as gasoline and total petroleum hydrocarbons as diesel by EPA Method 8015M) were reported in the soil and groundwater samples collected at this location.

Further investigation in the area of SB-8 was performed by TMC Environmental on July 6, 1994 in conjunction with ongoing investigations on the former Rifkin property (TMC October 4, 1994). This investigation included drilling four soil borings (SW-1 to SW-4) for the collection of soil and groundwater grab samples. The soil samples collected were analyzed for VOCs, TPHg, TPHd, motor oil and lead (on selected soil samples).

Interim remedial measures including construction of the environmental cap and slurry wall were undertaken between 1993 and 1995. During the installation of the Site cap in 1994, four underground storage tanks (USTs) belonging to the Southern Pacific Railroad were discovered near the western border of the Sherwin-Williams site (Figure 2-3). The USTs consisted of four buried steel railcar tankers, approximately 6,500 gallons each, containing Bunker C (diesel #6) fuel (Industrial Compliance, September 29, 1994). The USTs were found to be full and the bottom third of the USTs were installed below the water table. The USTs were excavated and removed between July 25 and August 5, 1994. Visual inspection of the USTs identified no holes or pitting in the tanks. Prior to backfilling, confirmation soil samples and groundwater grab samples were collected for analysis and waste profiling. The results of the confirmation samples indicated that Bunker C and other petroleum hydrocarbons remain in the soil and groundwater in this area.

In 1995 a UST located near the boiler house was reported to Alameda County as closed in place due to physical constraints (LFR, April 19, 1996).

During construction of the interim remedial measures in 1996, two more USTs belonging to Southern Pacific Railroad were also encountered near the western border of the Sherwin-Williams site (Figure 2-3), and a "heavy black petroleum product" was observed in the trench for the slurry wall to the northeast of the two USTs (LFR, March 15, 1996). The tanks, referred to as "torpedo tanks", were estimated to be 270 gallon steel tanks containing a "heavy and viscous petroleum hydrocarbon". Laboratory test results on one tank reported motor oil at 370 milligrams per liter and on the second tank indicated an unknown hydrocarbon in the motor oil range. Test results on the heavy black material in the trench indicated a longer chain petroleum hydrocarbon consistent with the material in the USTs. Tank removal activities were performed on July 20, 21, and 24, 1995. Visual inspection of the tanks reported no pitting or corrosion. A 0.75-inch hole was observed in the top of one tank which did not appear to have been caused by pitting or corrosion. Prior to backfilling, confirmation soil samples were collected for analysis. The results of the analyses indicated that soils in the vicinity of the USTs contain petroleum hydrocarbons.

A series of off-Site soil investigations were conducted along Horton Street to define the extent of metals (primarily arsenic and lead) impacted soils and to support remedial design efforts. The soil investigations were performed in March, April and May 1997 (CCR 1998). Impacted soils were excavated and removed in accordance with Workplans approved by appropriate agencies and in accordance with Cleanup and Abatement Order Number 97-047 issued by the RWQCB on April 7, 1997.

A soil and groundwater investigation was performed by EKI between November 12 and 15, 1996 (EKI, March 27, 1997). The investigation consisted of advancing soil borings at eleven locations (CH1 through CH10, and CH1B) on a portion of the Sherwin-Williams site located south of the southern Rifkin property line. This area contained arsenic-impacted soil, excavated during the cement bentonite slurry wall construction adjacent to the Rifkin property line. This excavated soil was placed at the surface prior to construction of the environmental cap. The soil borings ranged in depth from 3 feet to 19 feet below ground surface. Soil samples were analyzed for arsenic, lead, zinc and pH. In addition, selected soil samples and all groundwater grab samples were analyzed for CAM 17 Metals, VOCs and SVOCs. Selected soil samples were also analyzed by the toxicity characteristic leaching procedure (TCLP) for arsenic and lead. The EDD provides the results of these investigations (Appendix D).

As part of the off-Site Horton Street soil investigations, wipe samples were collected from the retaining wall along Horton Street on March 28, 1997, to determine if contaminants were present on the wall surface (LFR, February 2, 1998). Ten wipe samples were collected, spaced at approximate 25-foot intervals where cracks were visible in the retaining wall. The wipe samples were analyzed for arsenic, cadmium, lead and zinc. Following completion of the Horton Street remedial measures, a small amount of precipitate was observed on the retaining wall and three samples of the precipitate were collected on December 10, 1997, and analyzed for arsenic, lead and zinc.

2.3.1.2 Rifkin Property

Soil and groundwater investigations on the Rifkin Property were initiated with the removal of two USTs in 1988 by Safety Specialists, Inc. (TMC, April 25, 1994). The tanks were1000 gallon and 550 gallon capacity tanks used for gasoline storage. A total of four soil samples were collected from the tank excavations (S-1, S-2, X-1 and X-2). Elevated levels of gasoline, diesel, and lead were reported for the soil samples analyzed. Groundwater monitoring well MW-1 was installed on November 14, 1988 in the north end of the tank excavation.

Harding Lawson Associates (HLA) conducted a Preliminary Site Assessment of the Rifkin Property on behalf of First Republic Bancorp in September 1992 (HLA Oct. 1992). In addition to conducting on- and off-site reconnaissances, HLA drilled two soil borings (EB-2 and EB-3). Soil samples were analyzed for TPHg (also referred to as TVPH), oil and grease (EPA Method 5520), VOCs, SVOCs (including analysis of tentatively identified compounds). Chemical analysis indicated elevated levels of hydrocarbons and "hydrocarbon-based solvent compounds" in the soil samples.

In July and August 1993, EKI conducted site characterization activities on the Rifkin Property (EKI Oct. 27, 1993) which included drilling seven soil borings (4543-A through 4543-C, 4563-A, 4525-6 through 4525-8) and advancing CPTs at eight locations (CPT-1 through CPT-8). Composite and discrete soil samples collected from the soil borings and groundwater grab samples from the CPTs were analyzed for VOCs, TPHg, TPHd, PCBs

and metals. With the exception of PCBs, groundwater grab samples collected from the soil borings were analyzed by the same analyses. Elevated concentrations of VOCs, TPHg, TPHd and BTEX were reported in selected soil samples and elevated concentrations of VOCs, arsenic, TPHg, TPHd and BTEX were reported in selected groundwater grab samples. EKI also sampled well MW-1 and the contents of two USTs located near 4525 Horton Street. The two tank contents samples were analyzed for VOCs, TPHd, TPHg, SVOCs, flash point, and PCBs. One tank sample was also analyzed for industrial solvents and a fuel fingerprint analysis. The contents of one tank were tentatively identified as kerosene and the other tank were tentatively identified as paint thinner.

On November 24, 1993, three USTs, estimated to be 30-40 years in age, were excavated and removed from the Rifkin Property (TMC, March 1994). The tanks included a 1500 gallon diesel tank, a 500 gallon paint thinner tank, and a 1500 gallon heating oil tank. All three tanks were noted to be corroded and have "obvious holes." Soil beneath each of the tanks was observed to be either discolored or have an odor. Soil samples were collected from the diesel tank excavation and the paint thinner tank excavation and analyzed for TPHg, TPHd and BTEX. Selected soil samples were also analyzed for VOCs and lead. Analytical test results on soil samples collected from beneath the paint thinner tank reported high levels of a "gasoline range hydrocarbon." No soil samples were collected in the heating tank excavation "because of obvious heating oil soil contamination." Results of the analysis on soils from the diesel tank excavation were below detection limits for diesel range and gasoline range hydrocarbons. The diesel tank excavation was backfilled, and the heating oil and paint thinner tank excavations were left open pending later source removal work.

Subsequent source removal work was undertaken by TMC in January 1994 in the areas of the tanks removed in 1988 and the paint thinner and heating oil tanks removed in 1993. Prior to the start of work, well MW-1 was drilled out on January 19, 1994. At each location, the original excavations were enlarged and additional contaminated soil was removed. A four-inch observation sump (OB-1) was installed in the gasoline tank excavation and a four-inch observation sump (OB-2) was installed in the heating oil tank excavation before backfilling of the excavations. In the areas of the former gasoline, paint thinner and heating oil tanks, analytical test results on soil samples collected following source removal activities indicate contaminated soils remain beneath utility lines located along the sides of the excavations.

In conjunction with ongoing site investigations of the Sherwin-Williams site, Levine-Fricke drilled seven soil borings (SB-1 through SB-7) on the former Rifkin property and one soil boring (SB-8) on the Sherwin-Williams site (LFR, May 19, 1994). Seven composite soil samples were collected from borings SB-1 through SB-7 for chemical analysis of arsenic (EPA Method 7060) and fifteen discrete soil samples were analyzed for TPHg, TPHd, and VOCs. The composite samples were composited by the laboratory from soil samples collected in the same boring over different depths. Nine grab groundwater samples were collected and analyzed for arsenic, TPHg, TPHd, and VOCs.

Elevated levels of arsenic, VOCs, and TPHg were detected in the soil and groundwater grab samples. A discussion of the results of the investigation for soil boring SB-8 is presented in Section 2.3.1.1.

In July 1994, five monitoring wells (RP-1 through RP-5) were installed on the Rifkin Property (LFR, October 11, 1994; TMC, November 16, 1994). Ten soil samples and five groundwater samples were collected for chemical analysis. Analysis for the soil samples included: VOCs, organic lead (DOHS Method), TPHg, TPHd, and total petroleum hydrocarbons as motor oil (TPHo by EPA Method 8015M. Groundwater samples were analyzed for arsenic only (EPA method 7060). The results of this investigation were used to better define the extent of arsenic impacted soil and groundwater.

TMC collected additional soil samples during the drilling of wells RP-2 through RP-4 (TMC November 16, 1994). A total of six soil samples were collected and analyzed for TPHg, TPHd, and TPHo, organic lead (EPA method 6000/7000), and VOCs (EPA method 624/8240). On September 8, 1994, groundwater samples were collected from all five monitoring wells for analysis of TPHg, TPHd, and BTEX (EPA method 8020). Monitoring wells RP-1 through RP-5 were sampled again on September 8, 1994. Groundwater samples were collected by TMC and analyzed for VOCs, TPHg, TPHd, TPHo, and arsenic (LFR, October 11, 1994; TMC November 16, 1994)

As part of a geotechnical investigation conducted by Geomatrix in September 1994, EKI collected four soil samples from two borings (GMTX-12 and GMTX-13) for analysis. The samples were composited into two samples by the laboratory were analyzed for VOCs , TPHg, TPHd and BTEX.

TMC installed five monitoring wells (MW1 through MW5) on Rifkin Property on December 8 and 9, 1994 (TMC February 25, 1995). Wells MW-1, MW-2 and MW-3 were installed in the vicinity of each of the previous tank excavations, and wells MW-4 and MW-5 were installed near the southern property boundary. Five soil samples were collected from the wells and were analyzed for TPH (full scan by EPA Method 8015M), and BTEX (EPA Method 8020). Selected samples were additionally analyzed for PCBs, priority pollutant metals, SVOCs, and VOCs. Groundwater samples were collected from the wells and two observation sumps (OB-1 and OB-2) on December 15 and 16 and were analyzed for VOCs, BTEX, and TPH, and samples from wells MW-4 and MW-5 were also analyzed for SVOCs and PCBs. Elevated levels of VOCs, TPH and BTEX were reported in all groundwater samples analyzed.

In December 1996, LFR drilled nineteen soil borings (GP-1 to GP-15, GP-1B, GP-6B, GP-9B and GP-14B) in the "southern vicinity" of the Rifkin property (EKI March 1997). Discrete soil samples were analyzed for arsenic, zinc and lead. Composite soil samples were analyzed using the Toxic Characteristic Leaching Procedure (TCLP) for metals, VOCs and SVOCs.

2.3.2 SELF-MONITORING PROGRAMS

Groundwater self-monitoring programs have been ongoing at the Sherwin-Williams site since 1990 and on the former Rifkin property since 1994. This section provides a brief synopsis of these programs.

2.3.2.1 Sherwin-Williams Site

Groundwater sampling and water level monitoring at the Sherwin-Williams Site commenced in 1990 and continued on a semiannual basis until 1994. Between 1994 and 1995 routine groundwater monitoring at the Site temporarily ceased for the installation of interim remedial measures and additional groundwater monitoring wells. Routine monitoring resumed on a quarterly basis beginning April 1996 and continued through 1997. The analytical testing programs typically included volatile organic compounds (VOCs) by EPA Method 8240, semi-volatile organic compounds (SVOCs) by EPA Method 8270, metals by EPA Method 200/7000, and beginning June 1991, total petroleum hydrocarbons (TPH) as gasoline and as diesel by Modified EPA Method 8015. As part of the routine monitoring events, water levels were measured in all wells.

Beginning in 1998, routine groundwater monitoring activities continued in cooperation with the RWQCB, and were performed in accordance with Order No. 98-009, adopted February 18, 1998. The present groundwater monitoring program includes the following:

- Quarterly water level monitoring of 36 on-site and off-site monitoring wells (LF-3, LF-4, LF-7, LF-8, LF-10 through LF-13, LF-17 through LF-30, LF-B3 through LF-B6, RP-1 through RP-5, and MW-1 through MW-5), 20 on-site piezometers, and three on-site extraction wells (EX-1 through EX-3);

- Quarterly sampling of 28 A zone monitoring wells located on-site and off-site (LF-3, LF-11 through LF-13, LF-17 through LF-21, LF-23 through LF-25, RP-1 through RP-5, MW-1 through MW-5), four B zone monitoring wells located on-site (LF-B3 through LF-B6), and three A zone extraction wells located on-site (EX-1 through EX-3);

- Analytical testing of samples collected for arsenic by EPA Method 7060, VOCs by EPA Method 8260 (including acetone, 2-butanone, and 4-methyl-2-pentanone), TPH as gasoline using EPA Extraction Method 5030, TPH as diesel using EPA Extraction Method 3510, and field measurement of pH; and

- Quarterly reports of the above collected data, including summaries of groundwater extraction results and a status report on work completed.

Table 2-6 presents a summary of well construction details for wells included in the current self-monitoring program. Figure 2-16 presents the locations of monitoring wells included in the current self-monitoring program.

2.3.2.2 Rifkin Property

Monitoring wells located on the former Rifkin property were sampled shortly following their installation and development as described below.

- Wells RP-1 through RP-5 were installed and sampled in July 1994 by LFR and analyzed for arsenic only. TMC subsequently collected samples on September 8, 1994, and analyzed the samples for TPH as gasoline and TPH as diesel (EPA Method 8015M), benzene, toluene, ethylbenzene, and xylenes (BTEX by EPA Method 8020) and VOCs (EPA Method 601).

- Monitoring wells MW-1 through MW-5 were installed and sampled December 16, 1994 by TMC and analyzed for TPH as gasoline and TPH as diesel (EPA Method 8015M), BTEX (EPA Method 8020) and VOCs (EPA Method 624). In addition, wells MW-4 and MW-5 were analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8080, SVOCs by EPA Method 625; and thirteen priority pollutant metals, including barium (EPA Methods 200.7/245.1).

- All ten monitoring wells (RP-1 through RP-5, and MW-1 through MW-5) were subsequently sampled in March 1995 by TMC. Analyses included VOCs (EPA Method 8240), TPH as gasoline and TPH as diesel (EPA Method 8015M), total oil and grease (EPA Method 5520BF) and priority pollutant metals, including barium (EPA Methods 200.7/245.1).

- Routine quarterly monitoring continued and was performed by TMC until 1994, when LFR took over the quarterly monitoring program.

- Water level measurements were first recorded in wells RP-1 through RP-5 on September 8, 1994, and in wells RP-1 through RP-5, and MW-1 through MW-5 on January 9, 1995, by TMC.

Routine quarterly monitoring of the ten wells described above was conducted in accordance with RWQCB Order Nos. 97-047 and 98-009.

2.3.3 Completed Remedial Investigation

Planned remedial investigation work was described in a Workplan submitted to the RWQCB by LFR on behalf of Sherwin-Williams, dated June 2, 1997, with amendments and clarifications dated September 10, 1997 (the "Workplan"; LFR 1997a, b). This original Workplan was cited in the Order. Many of the investigations described in the Workplan have since been completed. The results of these completed portions of the remedial investigation have not been included in this Workplan Addendum. This section only identifies the planned remedial investigation work completed to date, and Section 5.0 then describes the remaining remedial investigation work to be completed.

Evaluation of Current Site Conditions

A report evaluating current Site conditions (CCR 1998) was submitted to the RWQCB on June 19, 1998. As discussed in Section 1.2, this Workplan Addendum is intended to supplement the CCR, and lay out a final scope of work for the remedial investigation required by the Order.

Evaluation of Human-Made Conduits

An evaluation of human-made conduits was presented in the CCR. Section 2.2.6 of this report supplements that evaluation. Additional investigative efforts are planned and are described in Section 5.0 of this Workplan Addendum. In 1998, the former water supply well, operating at the Site in 1929, was located and is being investigated to assure that the well was properly sealed prior to abandonment.

A storm drain installed by SPRR (SD-8 on Figure 2-4) and located along railroad tracks west of the Site was plugged at the insistence of RWQCB by LFR in mid-September 1998 to prevent the discharge of infiltrating groundwater to Temescal Creek. Plans to address the replacement of the storm drain are being evaluated with input from SPRP.

Horton Street Soils

The area of the Horton Street soils includes the eastern and western sides of Horton Street from Sherwin Avenue to 53rd Street, portions of 45th Street, and portions of Sherwin Avenue (Figure 2-15). As described in the CCR, elevated levels of metals along Horton Street were investigated in March, April and May 1997. Arsenic and lead affected soil was excavated, treated, and disposed in accordance with Workplans approved by the RWQCB and other agencies, the City of Emeryville, local residents and businesses, and other interested parties, and in accordance with Cleanup and Abatement Order No. 97-047, issued by the RWQCB on April 7, 1997. Most of the Horton Street remedial actions were completed by the end of September 1997.

A steel plate was installed on the retaining wall along the Horton Street sidewalk in 1998.

Rifkin Property

The following investigations and tasks for the former Rifkin property outlined in the Workplan have been completed to date:

- Advanced 21 CPTs (18 CPTs as part of the March 28, 1997 scope of work, plus 3 CPTs added by the June 2, 1997 Workplan), and collected soil and groundwater grab samples in August and September 1998; and
- Two A zone monitoring wells (LF-27 through LF-28) were installed along Horton Street to monitor conditions upgradient of the Rifkin property.

Northwestern Area

The Northwestern Area encompasses the area located north and west of the slurry wall, including Temescal Creek, portions of the Southern Pacific Railroad property, Harcros Pigments Facility, and the Myers Container Corporation property (Figure 2-15). The Workplan proposed the following investigative work in the Northwestern Area:

- Sediment sampling at seven locations in Temescal Creek and two locations in the former Temescal Creek which crosses the former Rifkin property;
- Installation of piezometers at five locations in the vicinity of Temescal Creek;
- Performance of a tidal study; and
- Collection of railroad ballast samples.

These task items have not been completed. This Workplan Addendum slightly modifies these tasks and includes additional investigative efforts for Temescal Creek. The remaining scope for the northwestern area is described in Section 5.0 of this Workplan Addendum.

Southern Area

The Southern Area includes the area of the Sherwin-Williams Site located south of the slurry wall, bounded by Sherwin Avenue on the south, by the western side of the Horton Street sidewalk to the east, and by the Myer's Drum and Barbary Coast Steel properties to the west (Figure 2-15). The Workplan proposed drilling twenty soil borings and collecting soil and groundwater samples from nineteen of the borings. In addition, five A zone groundwater monitoring wells were proposed in this area. Five soil borings were drilled in Yard A-1 of the Southern Area. With the exception of these five soil borings, none of the remaining proposed work has been completed.

This Workplan Addendum slightly modifies these tasks. The remaining scope for the southern area is described in Section 5.0 of this Workplan Addendum.

B Zone Investigation

The Workplan Addendum proposed advancing four CPTs, drilling eleven soil borings, and installing three monitoring wells into the B zone. To date this work has not been completed. The scope of work planned for the B zone investigation in this Workplan Addendum is described in Section 5.0

Inside Slurry Wall

The Workplan proposed installing ten piezometers inside the slurry wall area. To date twenty, rather than ten, piezometers (LF-PZ1 through LF-PZ20) were installed between October and November 1997. The additional piezometers were added to provide

additional data on water levels and the extent of capture inside the slurry wall. In addition, seven groundwater extraction wells (EX-4 through EX-10) were installed between August and September 1998 inside the slurry wall.

This Workplan Addendum includes additional investigative efforts for inside the slurry wall. The remaining scope for the slurry wall area is described in Section 5.0 of this Workplan Addendum.

Section 3.0 provides a preliminary evaluation of the data collected at the Site, as is necessary to support the development of the scope of work for the remedial investigation. A more complete evaluation of the Site data and development of the conceptual Site hydrogeological model will be provided in the remedial investigation report. Section 3.1 presents the preliminary remedial goals (PRG's) as provided in the Order. Section 3.2 presents a preliminary draft list of the ARARs. Section 3.3 provides a preliminary discussion of the types and distribution of chemicals exceeding the Order PRG's in soil and groundwater. Section 3.4 provides a general discussion of the preliminary Site models for human health and ecological risk assessments. Section 3.5 concludes with a general discussion of the potential remedial actions.

3.1 PRELIMINARY REMEDIAL GOALS (PRGS)

The RWQCB has proposed in the Order, a set of Preliminary Remedial Goals (PRGs) for the Site. PRGs are subject to change based on future Site land and resource use determinations, and the results of the Site-specific risk assessment. PRGs are conservative values used to plan the extent of remedial investigations, to understand the potential scope of remedial actions and the need for any accelerated interim remedial actions. The PRGs proposed in the Order are:

- "Groundwater: As a minimum, concentrations should not exceed applicable water quality objectives (e.g. maximum contaminant levels, or MCLs) or, in the absence of a chemical specific objective, risk-based levels (e.g., drinking water equivalent levels)."

- "Soil: 1 mg/kg total volatile organic compounds (VOCs), 10 mg/kg total semi-volatile organic compounds (SVOCs), and background concentrations of metals."

Preliminary discussions with RWQCB indicate background concentrations for metals detected in soils may be determined based on the protocol developed by Lawrence Berkeley National Laboratory for metals in soils (LBNL August 1995).

3.2 PRELIMINARY IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REGULATIONS (ARARS)

As discussed earlier, the RWQCB is the lead regulatory agency responsible for managing the cleanup of the Site under an Adoption of Site Cleanup Requirements Order 98-009. This order was issued on February 19,1998 and required the Sherwin-Williams Company to submit a technical report to SFB RWQCB on proposed cleanup standards within 60 days after the agency approval of a Site risk assessment. The report must contain a summary of:

- The results of the remedial investigation;
- An evaluation of the installed remedial actions;
- A Feasibility study evaluating alternative final remedial actions as well as their compliance with federal, state and local regulations;
- Risk assessment to evaluate the risk associated with each alternative as well as risk associated with the implementation of each alternative;
- Recommended final remedial actions and cleanup standards; and
- Recommended implementation tasks and time schedules.

The Order also specifies that this technical document must be consistent with the Federal CERCLA National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 300) and related guidance documents with respect to remedial investigations and feasibility studies. CERCLA guidance requires a structured regulatory review of potentially applicable standards, requirements, criteria, or standards. This process is known as the development of ARARs or Applicable or Relevant and Appropriate Requirements.

Under Section 121(d)(1) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), remedial actions must attain a level of cleanup which assures protection of human health and the environment. Additionally, CERCLA remedial activities that leave any hazardous substance, pollutant, or contaminant on-site must meet, upon completion of the remedial action, a level or standard of control that at least attains standards, requirements, limitations, or criteria that are "applicable or relevant and appropriate" under the circumstances of the release. These requirements, known as "ARARs" may be waived only for certain instances specified in Section 121(d)(4) of CERCLA.

The following sections discuss the definitions of these terms, the procedure for identification and analysis of ARARS and presents a preliminary draft list of ARARs for the Site.

3.2.1 CERCLA Definitions of Applicable or Relevant and Appropriate Regulations (ARARs)

The following definitions of "applicable" and "relevant and appropriate" are taken from the National Contingency Plan, 40 CFR part 300;

> ***applicable requirements*** means those cleanup standards, standards of control, and other environmental requirements, criteria, or limitations promulgated under Federal or State law that specifically address a hazardous substance, pollutant or contaminant, remedial action, or other circumstance at a CERCLA site.

relevant and appropriate requirements means those cleanup standards, standards of control, and other environmental requirements, criteria, or limitations promulgated under Federal or State law that, while not "applicable" to a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at a CERCLA site, address problems or situations sufficiently similar to those encountered at the CERCLA site that their use is well suited to the particular site. However, in some circumstances, a requirement may be relevant but not appropriate for the site-specific location.

Generally those requirements that are applicable fall under the jurisdiction of a specific regulation or act. The determination that a requirement is relevant and appropriate is site-specific and must rely on best professional judgment.

3.2.2 Procedure for Identification and Analysis of ARARs

CERCLA Guidance specifies the procedures to be used for identification and listing of ARARs. The procedure first involves establishing the characteristics of the site such as type of substances, when substances were released from the site, special locations, and an identification of the types of response actions or technologies under consideration for remediation of operable units. This information is then used to screen the applicability of each potential applicable requirement using the definition given in Section 3.2.1. Even if a requirement is not found to be applicable, it may still be found to be relevant and appropriate and must be complied with to the same degree as if it were an applicable requirement.

ARARs and remedial alternatives are developed in parallel rather than sequentially. As new alternatives or variations of alternatives are developed, they must be reviewed for their compliance with ARARs.

CERCLA guidance also recommends that ARARs be broken out into three general categories for evaluation. The first category of ARARs is **contaminant-specific** ARARs. These ARARs set limits on the concentrations of specific hazardous substances, pollutants, and contaminants in the environment. Examples of this type of ARAR are ambient water quality criteria and drinking water standards. A second category of ARARs includes **location-specific** requirements which set restrictions on activities in certain types of locations. These include restrictions on activities in ambient air quality nonattainment areas, floodplains, and historic sites. The third category of ARARs includes **action-specific** requirements. These are technology-based restrictions which are triggered by the type of action under consideration. Examples of action-specific ARARs are California Hazardous Waste Control Act regulations for the treatment, storage and disposal of hazardous wastes.

A preliminary list of ARARs is presented in Table 3-1. The list contains the regulatory citation for the ARAR, a description and comments of each, and a preliminary determination as to whether the regulation is applicable or relevant and appropriate.

3.2.3 ARAR WAIVERS

CERCLA §121 and ARAR Guidance permits the RWQCB to allow waiver of ARARs under specific conditions. These waivers apply only to meeting ARARs with respect to remedial actions on-site; other statutory requirements, such as remedies must be protective of human health and the environment, cannot be waived. The guidance documents discuss several circumstances where waivers can be applied:

1) Interim Measures.

This waiver applies to interim measures that are expected to be followed within a reasonable time by complete remediation which will attain ARARs. This waiver allows interim measures to not have to attain all of the technology based standards that the final remedy would have to be compliant with.

CERCLA Guidance discusses the following factors in evaluating this waiver;

"**Potential for exacerbation of site problems**. The interim measure should not directly cause additional migration of contaminants, complicate the site cleanup, or present an immediate threat to public health or the environment;" and

Non-interference with final remedy. The interim measure selected must not interfere with, preclude, or delay the final remedy, consistent with EPA's priorities for taking further action."

2) Greater Risk to Human Health and the Environment.

This waiver applies to ARARs that can only be met by using a remedial action which nets more damage to Human Health or the environment than another alternative. An example given is a case where "attaining the ambient concentration level for PCBs spread throughout river sediment might require widespread dredging of the sediments, causing an unacceptable release of the pollutant to the water body and damaging or disrupting the ecosystem. Waiving the ARAR for ambient PCB concentrations in the sediment would eliminate the need to conduct such harmful dredging."

CERCLA Guidance discusses the following factors in evaluating this waiver;

"**Magnitude of adverse impacts**. The risk posed or the likelihood of present or future risks posed by the remedy using the waiver should be

significantly less than that posed by the totally compliant remedy posing the risk;

Duration of adverse impacts. The more long lasting the risks from the totally compliant remedy, the more this waiver becomes appropriate; and

Reversibility of adverse impacts. This waiver is especially appropriate if the risks posed by meeting the ARAR could cause irreparable damage."

3) Technical Impracticability.

This waiver applies to ARARs where compliance with specific requirements is technically impracticable from an engineering perspective. This directly applies to remedies which can only be accomplished at an inordinate cost. For instance, attainment of a groundwater MCL value may be possible, but would take a pump and treatment systems hundreds of years to accomplish because of the geochemical constraints in the aquifer system such as the rate of arsenic desorption from contaminated soils. The present value of hundreds of years of operational and maintenance costs would be exorbitant, and thus would be infeasible from an engineering perspective.

CERCLA Guidance discusses the following factors in considering this waiver;

"**Engineering feasibility**. The current engineering methods necessary to construct and maintain an alternative that will meet the ARAR cannot reasonably be implemented.

Reliability. The potential for the alternative to continue to be protective into the future is low, either because the continued reliability of technical and institutional controls is doubtful, or because of inordinate maintenance costs."

4) Equivalent Standard of Performance

This waiver applies to situations where an ARAR stipulates use of a particular design or operating standard, but equivalent or better remedial results (e.g. contaminant levels or reliability) could be achieved using an alternate design or method of operation.

CERCLA Guidance discusses the following factors in considering this waiver;

"The time required to achieve beneficial results using the alternative remedy is equal to or less than the original ARAR. An alternative that achieved similar results in significantly less time should be considered as advantageous;

Degree of protection of health, welfare, and the environment (e.g., environmental concentration achieved) is equal to or greater than that under the original ARAR;

Level of performance achieved compared to that specified in the ARAR (e.g., concentration of residuals); and

Reliability of the remedy. The potential for the alternative ARAR to continue to be protective into the future is equal to or greater than that afforded by the ARAR to be waived."

The RWQCB Adoption of Site Cleanup Requirements Order for the Site requires the development and analysis of remedial alternatives consistent with CERCLA guidelines. The Order specifies that the analysis must include projections of cost, effectiveness, benefits, and impacts on public health, welfare, and the environment for each alternative.

3.3 DISTRIBUTION OF CHEMICALS IN SOIL AND GROUNDWATER

Details regarding the scope of historical field investigations and the groundwater monitoring program (in which analytical results presented below were generated) are summarized in Section 2.3 of this Workplan Addendum. The CCR presented a general summary of chemicals historically detected in soil and groundwater. This section supplements the CCR, and focuses on a detailed discussion of a select list of chemicals which exceeded the PRGs at the Site. (Section 3.3.1 will provide an explanation of how these chemicals were selected.) The purpose of this discussion is to understand the completeness of the field investigations completed to date, and to identify any data gaps. Groundwater and soil sampling results for the years 1989 through summer 1998 were evaluated. A summary of the results for the selected compounds of interest at the Site are provided pictorially on Figures 3-1 through 3-13 with accompanying Tables E-1 through E-17 in Appendix E, respectively. The geologic cross-sections (Figures 2-7 through 2-10) present recent sample results for arsenic and toluene. Figures 3-1 through 3-13 have been scaled the same as the Site history figures (2-1 through 2-4) for comparison purposes. Analytical results for newly completed CPTs, boreholes and extraction wells of the ongoing Remedial Investigation are not included in this discussion.

This discussion includes an explanation of the criteria used to select compounds to be mapped on Figures 3-1 through 3-13 (Section 3.3.1), the shallow soil analytical results (Section 3.3.2), and the deep soil analytical results (Section 3.3.3), and groundwater analytical results (Section 3.3.4). Section 3.3.5 presents a discussion of the ketones detected in the southern area of the Rifkin Property. An Electronic Data Deliverable (EDD) included in Appendix D provides complete analytical results for sample locations

shown on these maps, as the data appear in the Sherwin-Williams database developed by LFR.

3.3.1 Criteria for Selection of Mapped Compounds

The compounds plotted on the figures mentioned above were selected based on the PRGs set forth in the Order. As stated in the Order, the PRGs provide guidance in order to determine the scope of the remedial investigation.

To select which compounds were to be mapped on figures in this Workplan Addendum, results from the groundwater monitoring events conducted in 1998 were compared to the PRGs as well as other risk-based levels, and soil results were compared to the PRGS, and the USEPA Region IX Preliminary Remediation Goals for industrial soil. (Background concentrations for metals based on the LBNL study have not been established at this time.) Twenty-four compounds exceeded the groundwater criteria and 35 individual compounds exceeded the soil criteria. These compounds were then ranked based on frequency of exceedances, relative abundance, potential health risk of the compounds, and representation of other compounds. This selection process was discussed in detail during meetings of the CWG.

Based on these criteria, the groundwater constituents selected for mapping were: arsenic and lead, (representing inorganic compounds); toluene and benzene (representing aromatic solvents); and trichloroethene (TCE) (representing chlorinated solvents). An SVOC compound was not selected to be plotted in groundwater because there was no SVOC that met the selection criteria. Ketones (acetone, methyl ethyl ketone [a.k.a. MEK, 2-butanone] and methyl iso-butyl ketone [a.k.a. MIBK, 4-methyl-2-pentanone]) were detected in monitoring well MW-5 at high concentrations, ranging from 36 to 374 mg/L, meeting the criteria for an exceedance, but ketones exceeded criteria in only one other monitoring well, MW-4, where MIBK was detected at 0.004 mg/L. Therefore, ketones were not selected for plotting in groundwater. However, a separate discussion of ketone results is presented in Section 3.3.5.

The soil constituents selected for mapping were arsenic and lead (representing inorganic compounds) and total VOCs and total SVOCs (per the Order PRGs). In following protocol established by the risk assessment (discussed later), the shallow soil results were plotted separately from the deep soil results. Shallow soil samples were defined as soil samples collected between the surface and 2 feet below ground surface (bgs), and deep soil samples were defined as any soil sample collected deeper than 2 feet bgs. Arsenic and lead were selected to be plotted to represent inorganic compounds present in shallow and deep soil at the Site. In response to the requirements established by the Order PRGs, total VOC and total SVOC concentrations were calculated and plotted for each soil sample analyzed for these constituents. Concentrations of the individual compounds which make up the total VOC concentrations in shallow and deep soil are provided in Tables E-4 and E-10 (see Appendix E), respectively, and individual compound concentrations which make up total SVOC concentrations in shallow and deep soil are

provided in Tables E-6 and E-12, respectively (Appendix E). Ketone concentrations in soil were not plotted separately from the VOCs, but were included in total VOC calculations. The vertical extent of ketones in soil is discussed in Section 3.3.5.

The Horton Street Area underwent extensive excavation activities during 1997 (LFR Excavation Summary, 1997). Soil sample results from the Horton Street area for samples collected during or before May 1997 represent soil samples prior to implementation of excavation activities. Therefore, the soil sample results discussed in this report and presented on Figures 3-1 through 3-8 in the Horton Street Area represent post-excavation samples collected after May 1997.

For clarity, only one analytical result is presented on each map for each sampling location. All soil and groundwater data were selected from the database for the above listed compounds, and some sampling locations have up to 12 results for each compound. Therefore, for sampling locations with multiple groundwater results, the most recent result included in the LFR database (excluding the recent RI data) was selected and presented on the groundwater figures. For sampling locations with multiple soil results within the shallow or the deep intervals, the sample with the highest concentration was selected within that interval. The plotting program required surveyed coordinates for each sampling location. Without coordinates, the sample location could not and therefore was not plotted. Finally, any sample result reported as not detected that did not have an associated method detection limit (MDL) was considered unusable data, and therefore was not plotted. Tables E-18 and E-22 (Appendix E) summarize the data which was not included in the maps because of the absence of coordinates or MDLs.

3.3.2 Shallow Soil Analytical Results

Shallow soil analytical results are shown in Figures 3-1 through 3-4. No results for shallow soil samples (collected between ground surface and 2 feet bgs) were available for the Rifkin Property or the Southern Area. Sediment samples collected from Temescal Creek are the only sampling locations shown in the Northwestern Area.

Arsenic

As discussed in Section 2.1, arsenic was used in the production of lead arsenate pesticide from approximately the early 1920's until 1948. The primary production area was in the northeastern area of the 1929 facility (see Figure 2-1). As indicated in Figure 3-1, arsenic has been detected in shallow soils throughout the historical production area, as well as along Horton Street (Table E-1, Appendix E).

Shallow soil samples depicted in the Horton Street Area and Sherwin Avenue are primarily confirmation samples collected after the 1997 excavation activities were completed (Figure 3-1). Most of the arsenic concentrations detected in these samples were less than 22 mg/kg, the cleanup goal set for the excavation. The highest concentrations of arsenic were detected inside the slurry wall, ranging from 6.2 to 110,000 mg/kg. Arsenic was not detected in shallow soil samples collected from two

sampling locations, one inside the slurry wall and one in the Southern Area. These two samples had an elevated MDL of 15 mg/kg, which is greater than the arsenic concentration reported in many other samples.

Arsenic concentrations for four sediment samples collected from Temescal Creek ranged from 4.0 to 39 mg/kg. As discussed earlier (Section 2.2.5), the sediments in Temescal Creek likely originated from the bay. These arsenic concentrations are not atypical for ambient concentrations for bay sediments (RWQCB April 1998).

Lead

As discussed in Section 2.1, lead was used in the production of lead arsenate pesticide from approximately the early 1920's until 1948. The primary production area was in the northeastern area of the 1929 facility (see Figure 2-1). As indicated in Figure 3-2, lead has been detected in shallow soils throughout the historical production area, as well as along Horton Street (Table E-2, Appendix E).

The distribution of sampling locations shown on Figure 3-2 for lead concentrations in shallow soil samples is similar to the distribution of locations for arsenic results described above. The lead concentrations shown in the Horton Street Area, 45th Street, and Sherwin Avenue range from 9.0 to 440 mg/kg. All but three of the soil samples collected inside the slurry wall contained detectable concentrations of lead, which ranged from 6.0 to 49,000 mg/kg. The sediment samples collected from Temescal Creek were not analyzed for lead.

Total VOCs

As discussed in Section 2.1, thinners and solvents were used in the production of paints and lacquers. Figures 2-1 through 2-4 as well as the CCR list the various thinners and solvents historically used during production activities at the Site. These figures also indicate the storage and production areas for the paints and lacquers.

Volatile organic analysis was conducted on 17 shallow soil samples within the Site area (Figure 3-3, Tables E-3 and E-4). VOCs were not detected in three of these samples, two located inside the slurry wall and one in the Horton Street Area. Three samples on the eastern boundary of the Rifkin Property were identified as the Rifkin tank excavation samples, and their total VOC concentrations ranged from 1.2 to 183 mg/kg. The soil in the area of borings SS-S1 and SS-S2 (Figure 3-3) was subsequently excavated to a depth of approximately 10 to 12 ft bgs during tank removal activities on the Rifkin property. Total VOCs were detected in the eight other soil samples located inside the slurry wall with concentrations ranging from 0.2 to 6,149 mg/kg. Three samples located in the Southern Area had VOC concentrations of 60, 76, and 990 mg/kg. Ethylbenzene, toluene, and xylenes were the only compounds detected in all the total VOC samples shown, except for the detection of tetrachloroethene (PCE) of 19 mg/kg at SB-9 inside the slurry wall (see Table E-4 for details).

Total SVOCs

As discussed in Section 2.1, thinners and solvents were used in the production of paints and lacquers. Figures 2-1 through 2-4 as well as the CCR list the various thinners and solvents historically used during production activities at the Site. These figures also indicate the storage and production areas for the paints and lacquers.

The distribution of detected semi-volatile organic compounds (SVOCs) in shallow soil samples was similar to the volatile organic analysis, with 11 samples analyzed for SVOCs within the Site area (Figure 3-4, Tables E-5 and E-6). SVOCs were not detected in one sample in the Horton Street Area, one in the Southern Area, and two inside the slurry wall. Total SVOC concentrations in the remaining seven Site samples range from 0.2 to 8.0 mg/kg. Naphthalene, pyrene, isophorone, 2-methylnaphthalene, and bis(2-ethylhexyl)phthalate were the detected compounds constituting the total SVOCs in the Site area.

3.3.3 Deep Soil Analytical Results

The distribution of deep soil samples shown is similar to the distribution of shallow soil samples. A limited number of deep soil samples had been collected from the Southern Area and the Northwestern Area. Aside from the Horton Street Area samples that were related to confirmation sampling for the 1997 excavation, the primary areas of sampling were inside the slurry wall and the southern portion of the Rifkin Property. Deep soil analytical results are shown in Figures 3-5 through 3-8.

Arsenic

The deep soil samples shown in the Horton Street Area and along Sherwin Avenue were primarily related to the 1997 excavation activities, except for a few monitoring well boreholes (Figure 3-5, Table E-7). All arsenic concentrations shown in samples collected in these streets were below 73 mg/kg, except one sample from CS-W8+20 in which arsenic was detected at 460 mg/kg of arsenic. The highest concentrations of arsenic (up to 56,000 mg/kg) were detected in soil samples collected in the southern area of the Rifkin Property and the eastern area inside the slurry wall. Arsenic concentrations detected in the northwestern area inside the slurry wall ranged from 3.3 to 31 mg/kg. Arsenic was not detected in four deep samples collected on the Rifkin Property and three deep samples collected inside the slurry wall. Two deep samples located in the Southern Area had arsenic concentrations of 5.0 and 91 mg/kg.

Lead

The distribution of lead in the deep soil samples shown on Figure 3-6 (Table E-8) is very similar to the distribution of arsenic in the deep soil samples described above. Most lead concentrations seen in deep soil samples collected in the Horton Street Area and along Sherwin Avenue were less than 10 mg/kg. A few samples exceeded 100 mg/kg lead, and a sample collected from CS-W8+20 contained 910 mg/kg lead. The highest lead

concentration detected in the southern portion of the Rifkin Property and inside the slurry wall was 120,000 mg/kg. Lead was not detected in several samples collected from inside the slurry wall, the Rifkin Property, and one sample collected from the Southern Area. Two samples collected in the Northwestern Area on the former Harcros property contained 78 and 96 mg/kg of lead.

Total VOCs

Volatile organic compounds (VOCs) were analyzed in samples collected primarily from the Rifkin Property, inside the slurry wall, and in the Horton Street Area (Figure 3-7, Tables E-9 and E-10). Elevated concentrations of total VOCs (up to 5,200 mg/kg) were detected in the northern portion of the area inside the slurry wall. VOCs were not detected in three samples collected from the Horton Street Area. The remaining samples collected along Horton Street had total VOC concentrations ranging from 0.0595 to 32 mg/kg. Of the six samples collected from the Northwestern Area (on the former Myers Containers Corp. property) and the Southern Area, one sample did not contain detectable concentrations of VOCs. The remaining samples collected from these two areas contained total VOC concentrations ranging from 0.0067 to 4.954 mg/kg. On the Rifkin Property, most deep soil sample results were below detection limits or reported at low concentrations of VOCs (less than 1 mg/kg total VOCs). However, in the southwestern portion of the Rifkin Property, total VOC concentrations ranged from 5.2 to 140 mg/kg. Toluene, ethylbenzene, xylenes, and ketones constitute the majority of total VOC concentrations detected in the Site area (see Table E-10 for details).

Total SVOCs

SVOCs were not detected in deep soil samples collected from the Horton Street Area, nor in five soil samples collected inside the slurry wall or from the Rifkin Property (Figure 3-8, Tables E-11 and E-12). The total SVOC concentrations for the remaining soil samples collected inside the slurry wall ranged from 0.10 to 16.7 mg/kg. Total SVOC concentrations in soil samples collected from the Northwestern Area (on the former Myers Containers Corp. property) and the Southern Area ranged from 0.26 to 84.1 mg/kg. Naphthalene, 2-methylnaphthalene, bis(2-ethylhexyl)phthalate, and di-n-butylphthalate were the primary SVOCs detected. Additional polycyclic aromatic hydrocarbons and phenols were detected in the three samples on the former Myers Containers Corp. property (see Table E-12 for details).

3.3.4 Groundwater Analytical Results

Groundwater analytical results are shown in Figures 3-9 through 3-13 (Tables E-13 through E-17). The standard operating procedures for collecting groundwater samples for metals analysis were documented in the LFR Workplan for monitoring wells and boreholes with the sampling location identification beginning with "LF," "RP," "MW," and "SB." The groundwater collected from these locations for metals analysis were filtered using a 0.45-micron glass fiber filter prior to preservation by the laboratory. Therefore, the arsenic and lead concentrations for these LFR samples shown on Figures

3-9 and 3-10 represent dissolved metals concentrations. Sample collection procedures for other sampling locations are unknown, and therefore, sample results may represent filtered or unfiltered metals samples.

Arsenic

As presented on Figure 3-9 (Table E-13), concentrations of arsenic ranging up to 820 mg/L were detected in groundwater samples collected from sampling locations inside the slurry wall and the southern portion of the Rifkin Property. Downgradient off-Site monitoring wells are located west of the Southern Pacific Railroad track. Arsenic was not detected in groundwater samples collected from these wells, except for very low concentrations in samples collected from wells LF-14 and LF-25. Arsenic concentrations in samples collected from the 13 groundwater sampling locations in the Horton Street Area ranged from not detected (above an MDL of 0.005 mg/L) to 0.19 mg/L. Two sample locations in the Southern Area show arsenic concentrations of 2.9 and 25.7 mg/L. Surface water samples collected from Temescal Creek contained low ambient concentrations of arsenic, ranging from 0.002 to 0.006 mg/L.

Lead

As presented on Figure 3-10 (Table E-14), groundwater samples collected from ten of 23 groundwater sampling locations within the Rifkin Property and the Horton Street Area did not contain detectable concentrations of lead. The remaining samples had low concentrations of lead, ranging from 0.006 to 0.09 mg/L. The groundwater samples collected from inside the slurry wall, in the Southern Area, and west of the South Pacific Railroad tracks in the Northwestern Areas did not contain detectable concentrations of lead, except for samples from monitoring wells LF-1 and LF-7. Surface water samples collected from Temescal Creek contained low concentrations of lead, ranging from 0.009 to 0.011 mg/L.

Toluene

Results from 17 groundwater sampling locations inside the slurry wall and on the Rifkin Property showed toluene concentrations that ranged from 0.005 to 260 mg/L (Figure 3-11, Table E-15). Toluene was not detected in the remaining groundwater samples collected in these areas. Groundwater samples collected in the Northwestern Area, the Southern Area, and the Horton Street Area did not contain detectable concentrations of toluene, except for samples from monitoring wells OB-1 and OB-2 located in the Horton Street Area, and from well LF-3 in the Southern Area.

Benzene

Low concentrations of benzene were detected in 14 of the groundwater samples collected from the Horton Street Area, inside the slurry wall, in the southern portion of the Rifkin Property, and at one location west of the Southern Pacific Railroad tracks. The highest concentration detected was 0.060 mg/L at the southern end of the Rifkin Property (Figure

3-12, Table E-16). Benzene was not detected in groundwater samples collected from the remaining sampling locations in these areas nor from the two locations in the Southern Area.

Trichloroethene (TCE)

TCE concentrations shown within the Site area are only from groundwater samples collected from the Horton Street Area, the Rifkin Property, and one sampling location inside the slurry wall (Figure 3-13, Table E-17). Groundwater results for detected TCE ranged from 0.0014 to 0.02 mg/L in the Horton Street Area, from 0.0013 to 0.61 mg/L on the Rifkin Property, and 0.0058 mg/L for the one detection inside the slurry wall.

3.3.5 Ketone Concentrations on the Rifkin Property and Inside the Slurry Wall

As discussed in Section 2.1 of this Workplan Addendum, ketones were used as thinners in the production of lacquers in conjunction with nitro-cellulose resins (binder) during the 1970's and early 1980's (Figure 2-2 and 2-3). Acetone, MIBK, and MEK are ketones which were detected in the soil and groundwater in the study area. The main lacquer manufacturing operations were conducted in Building 32, and associated ketone and product tanks were located between this building and the southern boundary of the Rifkin Property. Ketones may also have been stored in the thinner tanks located west of the railroad spur (see Figure 2-3), in the northern portion of the Sherwin-Williams property.

The highest concentrations of ketones were detected in soil and groundwater samples collected from monitoring wells MW-5 (on the Rifkin Property), and soil borings SW-1 and SW-2 (inside the slurry wall). The acetone concentrations in soil samples collected above the presumed groundwater elevation of approximately 8 to 10 feet bgs in the borings for wells MW-5, SW-1, and SW-2 were 48, 120, and 1,800 mg/kg, respectively. At the time of preparation of this Workplan Addendum, the most recent groundwater sample data for monitoring well (MW-5) was April 1998 and for soil borings (SW-1 and SW-2) was July 1994. The April 1998 acetone concentration in groundwater from monitoring well MW-5 was 260 mg/L, and the July 1994 acetone concentrations in groundwater from SW-1 and SW-2 were 2,500 mg/L and 810 mg/L, respectively. Also, an elevated concentration of MEK (720 mg/L) was detected during the July 1990 groundwater sampling of monitoring well LF-6, located inside the slurry wall in the northern portion of the Sherwin-Williams property.

Soil samples west and northwest of the former Building 32 had not been collected or analyzed for ketones by the time this Workplan Addendum was prepared. Soil samples collected north and east of this area did not contain detectable concentrations of ketones. Low ketone concentrations (less than 1 mg/L) were detected in groundwater samples collected in the vicinity of the former lacquer manufacturing area, near monitoring well MW-5, and soil borings SW-1 and SW-2. Though there are limited groundwater data downgradient of the former lacquer manufacturing area, monitoring well LF-7 and extraction well EX-2 are located northwest and downgradient of Building 32. Ketones

have not been detected in groundwater samples collected from these wells during 1998 sampling events to date.

3.4 Conceptual Site Models for Human Health and Ecological Risk Assessments

3.4.1 Introduction

The primary purpose of the RA is to evaluate the current and potential future land use of the site, and estimate if the contamination identified in the RI presents any risks to human health and the environment that require control or remediation. The data needed for the RA must be collected during the RI. Therefore, some preliminary steps of the RA must occur at this point so that data needed for the RA is planned for collection during the RI and are included in this addendum to the RI Workplan.

This section presents the identification of potential populations and exposure pathways which may be affected by the site contamination. This is an initial step in the risk assessment process which lays the foundation for the risk evaluation, and helps determine what data are likely to be needed for the risk assessment. A summary of this information will be presented in a figure called the Conceptual Site Model (CSM) which incorporates the activities for populations associated with current and future planned land use with potential exposure pathways.

The subsections presented below summarize information on the current and future land use for the site, and exposure setting and on-site and off-site conditions which help define potential exposures. Separate subsections below have been used to describe the human and ecological populations for this site and the potential exposure pathways associated with each. CSMs for current and planned future land use and conditions are presented for human and ecological populations in their respective sections.

3.4.2 Physical Setting and Land Use

The Sherwin-Williams site is an operating industrial plant producing paint. It has been operating in this capacity since the early 1900s, and Sherwin-Williams plans to continue its operation into the future. As discussed previously in Section 2.0, Emeryville has been an area for industrial and commercial activities since the early 1900s also. Redevelopment of areas of Emeryville has also introduced retail shops, some multi-family residential units, and live-work spaces mixed in with the ongoing commercial and industrial operations. For the purposes of this evaluation, it has been assumed that the current mixed land use off-site will continue into the future. A brief summary of the immediately adjacent surrounding off-site land use is presented below:

- West - Southern Pacific Railroad Tracks, Harcros Pigments Facility, Myer's Container Corporation (not operating), and Barbary Coast Steel (not operating),

- East - 45th Street Artist Cooperative and the Horton Street Lofts (live-work spaces), and Chiron (industrial/commercial use);

- South - former Sears warehouse facility and a railroad yard being redeveloped into residential condominiums

- Northeast - Rifkin Property (former industrial area now covered with asphalt and used for parking), and South BGR (former industrial research facility owned by Shell)

- Northwest - Lower Temescal Flood Control Channel (a concrete lined drainage feature)

Section 2.0 of this report describes in greater detail many of the physical characteristics of the site used to develop the exposure pathway described in the CSMs presented in following subsections. These factors include surface topography, surface drainage patterns, hydrogeology, climate, and vegetation.

3.4.3 Site Conditions

For the purposes of this evaluation, the on-site and off-site conditions are described below. Both current and future planned land use have been considered as described above, and CSMs are presented for the human and ecological populations identified in their respective subsections. The discussion below provides a brief summary of the definitions and assumptions used to define the current and future conditions.

Current Conditions - On-site

There are two types of areas which fall into the category of on-site. First, is the Sherwin-Williams manufacturing plant. Due to the definition of on-site described in the RWQCB Order, a portion of the Rifkin Property has also been included as an on-site location.

The manufacturing plant is an operating paint plant with appropriate RCRA permits and air evaluations for emissions from plant operations. Due to previous site investigations and the identification of contamination in the soil and groundwater, there are Interim Remedial Measures (IRMs) in place on the plant site. IRMs include a subsurface slurry wall to limit groundwater movement, a groundwater treatment system with the capacity currently being expanded, a site-wide asphalt cap to prevent contact with soil.

For the purpose of this evaluation, it is assumed that the plant workers are protected from exposure to chemicals originating from normal plant operations by compliance with OSHA standards. Potential worker exposures on the plant site included in this evaluation are limited to contact with contaminated soil and groundwater associated with past operations or sources as described in Section 2.0 of this document.

Currently the Rifkin property is completely paved and used as a parking lot. It is assumed that the IRMs in place on the plant area prevent the migration of groundwater onto the Rifkin property from the plant. Although there is paving present on Rifkin, it has been assumed that contact with the soil may occur in the event of intrusive work for repair or construction purposes.

Current Conditions - Off-site

Based on site observations and site data, it was assumed that current IRMs on the plant site are effective in preventing off-site migration of contaminants in soils and groundwater. Site-wide pavement or asphalt cover provides an effective barrier to migration of on-site surface and subsurface soil contaminants, and groundwater contaminants are contained inside the slurry wall. While migration of groundwater outside the slurry wall may occur, groundwater in this area is not usable as a potable source. Therefore, under current conditions, off-site human contact with on-site soil and groundwater does not have complete exposure pathways.

In the summer of 1997, a soil remediation project was conducted by Sherwin-Williams to remove off-site soil from the area along Horton Street and 45th Street. Lead and arsenic were detected in these soils and in soils in the artist's co-op area which were removed. DTSC approved soil concentrations of lead and arsenic left behind following the remediation which were protective of the residents as well as maintenance workers who may dig into the soil in the street.

An off-site location to the northwest of the site contains a reach of Lower Temescal flood control channel. The conditions of this area were assessed during a site visit by ENTRIX technicians and a biologist to evaluate the potential for exposure to ecological receptors for this off-site area. Section 2.2.5 provides a complete discussion of the Temescal Creek watershed and the Lower Temescal flood control channel.

Future Conditions - On-site

Potential future on-site conditions are defined as those in which the IRMs are not present. The site would not be completely covered by pavement or asphalt. The purpose of the future conditions evaluation is to identify areas where permanent remedial measures may be necessary to protect human health and the environment. Future on-site land use for the plant was assumed to be industrial. Future land use for the Rifkin property was assumed to be industrial/commercial with pavement not remaining indefinitely.

Future Conditions - Off-site

Future conditions off-site were based on the assumption that the current IRMs were either no longer in place or were not preventing the potential movement of constituents in soil or groundwater to off-site locations. For example, since site pavement is no longer assumed to be in place, dust migration to off-site locations may occur. The purpose of this evaluation is to identify areas where permanent remedial measures may be necessary

to protect human health or the environment. While off-site migration of groundwater may occur, under future conditions off-site groundwater is still not considered a potable source (see Section 2.2.4). Future off-site land use is assumed to remain the same as current land use which is defined as mixed use for industrial, commercial, retail, and high density (multi-unit) residential.

3.4.4 CONCEPTUAL SITE MODEL

Based on a review of the historical data, and site activities, and current and future land use and conditions, four preliminary site models (CSMs) were developed for the site (Figures 3-14 through 3-17). Two CSMs were developed for humans to address the current and future land use scenarios described above. Two CSMs were also developed for ecological populations to address the current and future land use scenarios. A CSM is a graphical representation used to identify potentially complete exposure pathways which may be significant. It has also been used here to indicate recommendations for quantitative or qualitative evaluation of risks for potentially complete pathways in order to determine remediation needs. Only those potentially complete exposure pathways likely to contribute significantly to the total exposure have been recommended for quantitative evaluation. All other potentially complete exposure pathways which may provide minor exposures have been recommended for qualitative evaluation. This approach is consistent with both state and federal risk assessment guidance.

In general, an exposure pathway describes the course a chemical takes from the source to the exposed individual. An exposure pathways analysis links the source, location, and type of environmental release with population location and activity patterns to determine the significant pathways of exposure. An exposure pathway is considered complete if all four of the following elements are present:

1) a source and mechanism of chemical release to the environment;

2) an environmental retention or transport medium (e.g., soil, groundwater) for the released chemical;

3) a point of potential contact with the contaminated medium (exposure point); and

4) an exposure route (e.g., ingestion, inhalation, dermal contact, uptake) at the contact point.

There are a number of mechanisms by which COCs can migrate from contaminated areas of the site to off-site receptors. Chemicals could leach from soils to groundwater, or could migrate as a non-aqueous phase if present in sufficient volume. Migration of chemicals to air could occur via fugitive dust emissions or volatilization from soils or shallow groundwater. Organic chemical vapors could also migrate laterally through the soil via permeable zones or man-made conduits such as buried utility lines. Surface water runoff or groundwater discharge could lead to contamination of surface water

bodies. Each of these potential migration pathways were considered in the development of the CSM for the Sherwin Williams site and surrounding area.

The symbols used in the CSM are as follows:

- Closed Circle: represents complete exposure pathways that may contribute significantly to the total exposure. These pathways will be evaluated quantitatively.
- Open Circle: represents complete exposure pathways that are not likely to contribute significantly to the total exposure. These pathways will be evaluated qualitatively.
- Question Mark: represents potentially complete exposure pathways; however, historical data are not adequate to evaluate pathway.
- Open Box: represents incomplete pathways.

In Section 6.0, division of the Site into four operable units is discussed. For the purposes of development of the CSMs, since all of the operable units are on-site and the potentially exposed populations and exposure pathways are similar, there are not separate CSMs developed for each operable unit.

3.4.5 Human Receptor Populations and Exposure Pathways

The following section briefly discusses individual receptor populations and potential exposure pathways identified in the human health CSM's (Figures 3-14 and 3-15). The discussion is subdivided into an evaluation of current and potential future conditions for the areas defined above as on-site and off-site.

Current Conditions Evaluation

The CSM for current exposure scenarios for both on-site and off-site conditions is provided in Figure 3-14. The rationale for designating an exposure pathway as either incomplete, or complete but only qualitative evaluation recommended, or complete and quantitative evaluation recommended is provided in Table 3-2 for the on-site manufacturing plant area and the Rifkin property, respectively. Table 3-2 also presents the rationale for the completeness of exposure pathways for the off-site receptors. A brief text summary is provided below which includes a description of the types of activities associated with the receptor populations identified below.

On-Site Manufacturing Plant Facility: Receptors and Pathways

- **Construction/Maintenance Worker** is assumed to be conducting intrusive soil activities in which they can be exposed to constituents present in on-site soil (surface and subsurface) and groundwater. It is assumed that this activity is not associated with remediation work. Activity (exposure) is considered to be continual when it occurs, but short-term. This receptor will be quantitatively evaluated for all complete

exposure pathways, except dermal contact with groundwater. Dermal exposure to groundwater is assumed to be minimal due to dewatering activities if groundwater is encountered during intrusive soil activities. This worker is assumed to be from an external service company hired to perform some short term (a few weeks) intrusive repair or construction work.

- **Industrial/Commercial Worker** is a Sherwin-Williams employee not involved in intrusive soil activities. There is a current deed restriction for the plant property which requires notification of the RWQCB if the cap is breached. In addition, appropriate health and safety precautions are to be followed if contact with soil or groundwater occurs. Therefore, direct and indirect contact pathways associated with intrusive work will not be quantitatively evaluated for this receptor. Activity for this worker is considered to be continual and long-term. It was assumed that the exposed soil located in thin strips along the railroad tracks contains potentially contaminated surface soil. Therefore, the potential exists for exposure to contaminants in surface soil through generation of dust and subsequent inhalation, ingestion and dermal contact with that dust. This exposure pathway is potentially complete, however, exposure is expected to be minimal. Therefore, this pathway will not be quantitatively evaluated. Since this worker does not conduct intrusive work, subsurface soil exposure is assumed to be incomplete for all pathways except inhalation of vapors. Vapors from the subsurface soil could migrate through the asphalt into outdoor air or through the vadose zone into the building. In the absence of intrusive activity, this pathway would likely result in minimal exposure. However, modeling will be used to evaluate potential vapor exposure to workers.

- **Railroad/Maintenance Worker** is not involved in intrusive soil activities. This receptor's activities include traveling onto the site, and loading and unloading railcars. On-site exposure is considered to be on a short term, intermittent basis. Exposure would be limited to inhalation of vapors migrating from the subsurface into outdoor air, or dust exposed soil in a thin strip along the railroad tracks. However, due to the infrequent and short term nature of the exposure, it would be minimal in comparison to the construction/maintenance worker and industrial/commercial workers. Therefore this receptor is not included on the CSM and will not be quantitatively evaluated.

- **Recreational User**. Since portions of the site have been re-zoned for recreational land use, there is the potential for future use of the site by a recreational user. However, due to current industrial use of the site, this receptor is not applicable.

- **Utility Worker** is not assumed to be present on-site because Sherwin-Williams is responsible for maintaining their facility operations. The need to do utility repair is covered by the potential exposure scenario described above for the construction/maintenance worker, which will be characterized as a longer term activity than utility repair.

Rifkin Property Receptors and Pathways

- **Construction/Maintenance Worker** is assumed to be conducting intrusive soil activities in which they can be exposed to constituents in on-site soil (surface and subsurface) and groundwater. It is assumed that this activity is not associated with remediation work. Activity (exposure) is considered to be continual when it occurs, but short-term (a year or less). This receptor will be quantitatively evaluated for all complete exposure pathways, except dermal contact with groundwater. Dermal exposure to groundwater is assumed to be minimal due to dewatering activities if groundwater is encountered during intrusive soil activities. This worker is assumed to be from an external service company hired to perform some short term intrusive repair or construction work.

- **Industrial/Commercial Worker** is not conducting intrusive soil activities. The worker is working indoors across the street at Chiron and visits the outdoor parking lot only to get in or leave their vehicle. If volatile constituents are present in subsurface soil or groundwater, they can volatilize and move up through the vadose zone and through the asphalt cap in the parking lot. However, due to the presence of the cap and infrequent exposure in the parking lot, this pathway will be qualitatively evaluated. If intrusive activities occur on-site, industrial/commercial worker could be exposed to contaminants in surface or subsurface soil and/or groundwater. However, exposure would be minimal in comparison to the construction/maintenance worker. Therefore no quantitative assessment will be performed for the Rifkin Property industrial/commercial worker.

- **Utility Worker** will not be quantitatively evaluated for the Rifkin property. The need to do utility repair is covered by the potential exposure scenario described above for the construction/maintenance worker, which will be characterized as a longer term activity than utility repair.

Off-site Receptors and Pathways

- **Off-Site Construction/Maintenance Worker** is assumed to be conducting intrusive soil activities in which they can be exposed to constituents in groundwater. Activity (exposure) is considered to be continual when it occurs, and short-term (a few weeks). Exposure to groundwater may occur through inhalation of vapors or direct dermal contact. Dermal exposure to groundwater is assumed to be minimal due to dewatering activities if groundwater is encountered during intrusive soil activities. Past soil migration from on-site to off-site was cleaned up during the Horton Street excavation in the summer of 1997. Currently, due to the IRMs, on-site soils are not migrating off-site. Therefore, exposure to contaminated soils from on-site is unlikely and is considered an incomplete pathway.

  In addition, construction maintenance workers may maintain the stormwater outfall and/or clean out the grating located within Temescal Creek, adjacent to the Sherwin

Williams property. Therefore, there is the potential for this receptor to be dermally exposed to surface water and sediment in the Creek. Since the exposure is assumed to be infrequent and short-term, these pathways will be qualitatively evaluated. In addition, the primary constituents of concern for these media are inorganic compounds which have low dermal absorption.

Wildlife associated with the creek is minimal and does not support a potential food chain exposure from consumption of aquatic or terrestrial species feeding or living in the creek.

- **Utility Worker** is conducting maintenance work which may include intrusive soil activities in which they can be exposed to constituents in groundwater. Activity (exposure) is considered to be intermittent and short-term. Exposure to groundwater may occur through inhalation of vapors or direct dermal contact. Dermal exposure to groundwater is assumed to be minimal due to dewatering activities if groundwater is encountered during intrusive soil activities. Past soil migration from on-site to off-site was cleaned up during the Horton Street excavation in the summer of 1997. Currently, due to the IRMs, on-site soils are not migrating off-site. Therefore, exposure to contaminated soils from on-site is unlikely and is considered an incomplete pathway. In addition, utility workers may perform maintenance work for conduits such as the stormwater outfall located within Temescal Creek, adjacent to the Sherwin Williams property. Therefore, there is the potential for this receptor to be dermally exposed to surface water and sediment in the Creek. Since the exposure is assumed to be infrequent and short-term, these pathways will be qualitatively evaluated. In addition, the primary constituents of concern for these media are inorganic compounds which have low dermal absorption.

- **Off-site Resident** is assumed to reside in the high density (multi-unit) housing located adjacent to the Sherwin Williams property (e.g., upgradient and downgradient). Due to the current presence of IRMS, constituents in on-site soils are assumed not to migrate off-site. Therefore, exposure to contaminated surface and subsurface soils is an incomplete pathway. Groundwater is not a potable source of drinking water in Emeryville, therefore ingestion and dermal contact with ground-water is an incomplete pathway. However, if volatile compounds are present in groundwater off-site, there is the potential for inhalation exposure to volatile compounds due to migration through the vadose zone into indoor air. Current data does not indicate the presence of high concentrations of volatile chemicals in groundwater off-site. Therefore, this pathway will be not be quantitatively evaluated.

- **Off-Site Commercial/Industrial Worker** is assumed not to conduct intrusive work and to work in businesses adjacent to the Sherwin Williams property (e.g., upgradient and downgradient). Constituents in on-site soils are assumed not to migrate off-site due to the presence of IRMs. Therefore, exposure to contaminated surface and subsurface soils is an incomplete pathway. Groundwater is not a potable source of drinking water, therefore ingestion and dermal contact with ground-water is an

incomplete pathway. However, if volatile compounds are present in groundwater off-site, there is the potential for inhalation exposure to volatile compounds due to migration through the vadose zone into indoor air. Current data does not indicate the presence of high concentrations of volatile chemicals in groundwater off-site. Therefore, this pathway will be not be quantitatively evaluated.

- **Off-Site Recreational User (along Temescal Creek)** is assumed to engage in wading activities in the Creek. Therefore, there is the potential for exposure to constituents in surface water and sediments in Temescal Creek. Only dermal contact with constituents in surface water and sediments will be qualitatively evaluated. Due to the shallow depth of the Creek, ingestion of surface water and sediment is not likely (no swimming is assumed). Exposure is assumed to be infrequent and short-term when it occurs (i.e., a few hours a month). In addition, the primary constituents of concern for these media are inorganic compounds which have low dermal absorption. Therefore, this pathway will not be quantitatively evaluated.

Future Conditions Evaluation

The CSM for future exposure scenarios for both on-site and off-site conditions is provided in Figure 3-15. It has been assumed that the IRMs are not present in the future scenario. The purpose of this assumption is to identify the need for controls or remediation which will protect humans from exposure to site constituents. The rationale for designating an exposure pathway as either incomplete, or complete but only qualitative evaluation recommended, or complete and quantitative evaluation recommended is provided in Table 3-3 for the on-site manufacturing plant area and the Rifkin property, respectively. Table 3-3 also presents the rationale for the completeness of exposure pathways for the off-site receptors. A brief text summary is provided below which includes a description of the types of activities associated with the receptor populations identified below.

<u>On-site Manufacturing Facility: Receptors and Pathways</u>

- **Onsite Construction/Maintenance Worker** is conducting intrusive soil activities in which they can be exposed to constituents present in on-site soil (surface and subsurface) and groundwater. It is assumed that this activity is not associated with remediation work. Activity (exposure) is considered to be continual when it occurs and short-term (a few weeks). Quantitative assessment will be performed for all complete exposure pathways, except dermal contact with groundwater. Dermal exposure to groundwater is assumed to be minimal due to dewatering activities if groundwater is encountered during intrusive soil activities.

- **Onsite Industrial/Commercial Worker** is not conducting intrusive soil activities. Activity is considered to be continual and long-term. This worker is assumed to be a Sherwin-Williams employee, and will be covered under a Health and Safety Plan, as well as OSHA and/or RCRA guidelines. It was assumed that the site is not

completely paved and surface soil is exposed. Therefore, exposure to contaminants in surface soil through ingestion, inhalation and dermal contact is potentially complete. Since this worker does not conduct intrusive work, subsurface soil exposure is assumed to be incomplete for direct exposure (ingestion and dermal contact). Inhalation of vapors from contaminated groundwater, surface soil, and subsurface soil (in indoor and outdoor air) are potentially complete pathways. However, complete exposure pathways for the Sherwin-Williams employee will be qualitatively evaluated because this receptor will be covered by a Health and Safety plan for the Site.

- **Utility Worker** is not assumed to be present on-site because Sherwin-Williams is responsible for maintaining their facility operations. The need to do utility repair is covered by the potential exposure scenario described above for the construction/maintenance worker, which will be characterized as a longer term activity than utility repair.

Rifkin Property Receptors and Pathways

- **Construction/Maintenance Worker** is conducting intrusive soil activities in which they can be exposed to constituents present in on-site soil (surface and subsurface) and ground-water. It is assumed that this activity is not associated with remediation work. Activity (exposure) is considered to be continual when it occurs, and short-term (a year or less). Quantitative assessment will be performed for all complete exposure pathways, except dermal contact with ground-water. Dermal exposure to ground-water is assumed to be minimal due to dewatering activities if ground-water is encountered during intrusive soil activities.

- **Industrial/Commercial Worker** is not conducting intrusive soil activities. Workers are assumed to work indoors and outdoors, and can be exposed to constituents in dust migrating from unpaved on-site surface soil into outdoor air. Since this worker does not engage in intrusive soil activity, they will not be exposed to constituents in off-site subsurface soil, except through inhalation of vapors. If volatile constituents are present in off-site groundwater, they can volatilize and move up through the vadose zone to ground surface. Activity is considered to be continual and long-term. If a construction worker engages in intrusive activities onsite, the industrial/commercial worker could be exposed to soil and/or groundwater COCs, but the exposure would be minimal in comparison to the construction/maintenance worker.

- **Utility Worker** will not be quantitatively evaluated for the Rifkin property. The need to do utility repair is covered by the potential exposure scenario described above for the construction/maintenance worker, which will be characterized as a longer term activity than utility repair.

Off-site Receptors and Pathways

- **Construction/Maintenance Worker** is conducting intrusive soil activities in which they can be exposed to constituents from off-site deposition of dust from onsite soil, migration of groundwater off-site (IRMs are assumed to be absent). Activity (exposure) is considered to be continual when it occurs, and short-term (a few weeks). All complete exposure pathways will be quantitatively evaluated, except dermal contact with groundwater. Dermal exposure to groundwater would be minimal due to dewatering activities if groundwater is encountered during intrusive soil activities. On-site soils can migrate to off-site surface soils through deposition of fugitive emissions or storm water run-off. Therefore, off-site exposure to contaminated soils through dermal contact, incidental ingestion, and inhalation of particulates are considered complete pathways for quantitative evaluation.

- **Utility Worker** is conducting maintenance work which may include intrusive soil activities in which they can be exposed to constituents in soil and groundwater. Activity (exposure) is considered to be infrequent and short-term when it occurs. Quantitative assessment will be conducted for all exposure pathways, except dermal contact with groundwater and incidental ingestion of sediment. Dermal exposure to groundwater would be minimal due to dewatering activities, if groundwater is encountered during intrusive soil activities. Due to the shallow depth of the Creek, ingestion of sediment would also be minimal. Due to the absence of IRMs, onsite surface soils can migrate off-site and be deposited in off-site surface soils via dust or surface water run-off. Therefore, the off-Site utility workers are assumed to be exposed to onsite constituents through inhalation of particulates, dermal contact and incidental ingestion. In addition, the utility worker could be involved in the maintenance of the Temescal Creek, and have the potential for dermal exposure to surface water and sediment in the Creek.

- **Resident** is assumed to live in the high density (multi-unit) housing adjacent to the Sherwin Williams property (i.e., upgradient and downgradient). The off-site resident is assumed to be exposed to constituents from onsite surface soils due to the absence of IRMs. Exposure may occur through inhalation of particulates migrating off-Site due to fugitive emissions of dust. It is assumed that groundwater is not used for potable purposes in the future. However, there is the potential for exposure to volatile compounds in groundwater migrating through the vadose zone and into indoor air. However, future movement of groundwater off site will be estimated using a model, and potential inhalation exposures evaluated quantitatively.

- **Commercial/Industrial Worker** is assumed to be exposed to constituents from onsite soils because constituents in onsite soils are assumed to migrate off-Site due to the absence of IRMs (e.g., pavement). The commercial/industrial workers are only assumed to be exposed to onsite constituents through inhalation of particulates migrating off-Site due to fugitive emissions of dust. In addition, there is the potential for exposure to volatile compounds in groundwater migrating up through the vadose

zone and into indoor air. This pathway will not be quantitatively evaluated since the exposure would be less for workers than for residents.

- **Recreational User (along Temescal Creek)** is assumed to engage in wading activities in the Creek. Therefore, there is the potential for exposure to constituents in surface water and sediments in Temescal Creek. Only dermal contact with constituents in surface water and sediments will be quantitatively evaluated. Due to the shallow depth of the Creek, ingestion of surface water and sediment is not likely (no swimming is assumed). Exposure is assumed to be infrequent and short-term when it occurs (i.e., a few hours a month). In addition, since the Creek is located adjacent to the site, recreational users could be exposed to onsite constituents through inhalation of particulates that migrate off-Site through fugitive emissions of dust.

3.4.6 Ecological Receptor Populations and Pathways

An ecological conceptual site model (ECSM) has been developed for the current and future site conditions in Figure 3-16. The ECSM shows the possible current and future linkages between potential sources, releases, pathways (media), exposure routes (biological uptake), and receptors associated with the Site.

Currently the on-site area is fully paved and has an operating manufacturing plant without suitable on-Site habitat. The habitat would not be significantly enhanced by the removal of pavement. Therefore, there are no on-Site ecological populations of concern for the Site.

Future development in the area for commercial, light industrial, retail, and high density residential buildings is not likely to result in additional favorable terrestrial habitat.

Currently, it is not known whether the groundwater and the creek interact. It has been conservatively assumed that the potential for interaction is possible, and the current and future ecological exposures are the same.

Exposure Routes and Pathways

As indicated in Figure 3-16, exposure routes to ecological receptors are likely limited only to organisms exposed to off-Site surface water and sediment. Due to the industrial, commercial nature of the area and lack of suitable habitat, ecological receptors are not likely to have significant exposure to soil on site. The open circles in the CSM represent potential exposure pathways associated with the sparse off site habitat near the creek, but receptors associated with this area have not been verified. Because of the existence of the vegetation associated with the creek, these potential exposure pathways cannot yet be dismissed.

Ecological receptors may be exposed to chemical constituents off site through ingestion or direct contact with surface water or sediment. Receptors may also be exposed by

ingesting contaminated prey in the food-chain. Potential receptors include both aquatic and terrestrial wildlife.

Wildlife potentially associated with Temescal Creek might include:

- Aquatic and Terrestrial Invertebrates;
- Small, Omnivorous Fish; and
- Opportunistic Song Birds and Shore Birds.

Although no data currently exist that describes wildlife usage in the area, these species are not uncommon in disturbed habitats and are the only likely ecological receptors of interest.

3.5 GENERAL RESPONSE ACTIONS

General response actions describe those actions that will satisfy the remedial action objectives. General response actions may include treatment, containment, excavation, extraction, disposal, or institutional actions. General response actions are media-specific. General response actions that might be used at the Site are being preliminarily identified in this Workplan as part of the scoping process. These general response actions will be refined throughout the RI/FS as a better understanding of the Site conditions is gained, and action-specific ARARs are identified.

Table 3-4 presents the list of potential general response actions developed during this scoping process. The media evaluated include soil, man-made conduits, and groundwater. General response actions under consideration for soil remediation include no further action, institutional controls, containment actions, excavation/off-site disposal, on-site stabilization, and in-situ fixation. General response actions under consideration if a man-made conduit requires remediation, include no further action, removal/replacement, and control. General response actions under consideration if groundwater requires remediation, include no further action, institutional controls, containment actions, collection actions, treatment/discharge, and in-situ treatment.

Section 4.0 presents the data needs which should be provided by the remedial investigation for support of the feasibility study and the risk assessment. Section 4.1 discusses the general data needs of the human health and ecological risk assessments. Section 4.2 discusses the general data needs of the feasibility study.

4.1 RISK ASSESSMENT DATA REQUIREMENTS

4.1.1 DATA FEATURES

The following is a list of the features of the data which make it suitable for use in risk assessment. These criteria are used in Section 4.1.3 to screen the existing data to determine data gaps and additional data needs. The items below do not include the basic features of data which determine its scientific validity. The data in the database were evaluated by LFR for accuracy and validity and flagged where appropriate.

- **Method detection limits** - The method detection limits for the data should be below risk based screening levels for each chemical being evaluated. If the method detection limit is above such screening levels, then non-detects may be above a health protective level and be misleading for the risk assessment.

- **Shallow Soil** - Data are needed for shallow soil (top two feet) in order to effectively address the potential exposure pathway due to dust being entrained into the air from the surface soil and migrating off-Site. Since this is a non-intrusive pathway, it is not appropriate to use soil data at depth to estimate this future exposure pathway when the IRMs are removed and paving may not be present.

- **Deep Soil** - Data are needed for soil at depths of 2 feet to the top of the water table or 10 feet bgs, whichever is shallower. These data will be used to evaluate potential soil exposures for those receptors conducting intrusive soil work on the site.

- **Number of Samples** - For each area of the Site being evaluated for exposure and potential risk, it is necessary to have enough samples to estimate a representative soil concentration. According to USEPA guidance for exposure, a minimum of 10 samples is recommended in order to estimate a representative concentration using the 95th percentile of the upper confidence level of the mean (95 UCL) (USEPA April 1990). The 95 UCL is also recommended as a representative concentration for use in evaluating the Reasonable Maximum Exposure (RME). If sufficient data are not available to estimate the 95 UCL, then maximum values may be used for the area being evaluated.

- **Analytes** - Analytes should be selected based on the operations and sources of chemicals in an area, and the potential for these chemicals to be part of the relevant exposure pathways. Based on the Conceptual Site Model (CSM) for the site, data for chemicals should be included for each media where a complete exposure pathway is possible. In the case of indirect exposures such as vapor migration of volatile chemicals from soil or groundwater into indoor or outdoor air, data for the soil or water may be sufficient with the use of an appropriate fate and transport model to estimate exposure point concentrations.

4.1.2 Human Health and Ecological Risk Assessment Data Gaps Analysis

The objectives of the data gaps analysis were to: 1) review the available analytical data in order to determine their acceptability for use in risk assessment, and 2) identify data needs, in addition to those outlined in the previous Workplan, for the human health and ecological risk assessment. In order to identify additional site-specific data needs, the Site was divided into four distinct areas, which included: Inside Slurry Wall, Southern Area, Northwestern Area, and the Rifkin Property (see Figures 2-15 and 2-16). These areas corresponded to those identified in the Workplan prepared by Levine-Fricke and dated June 2, 1997.

A number of different historical and current field investigations have produced analytical data for the Site and surrounding area (see Section 2.3). These historical and current data have been input into a database by LFR that was made available to ENTRIX for review and use. The data were grouped into the four areas described above. For this evaluation, the primary media of interest were soil and groundwater. Existing analytical data and Site historical activities were reviewed for their relevance to the risk evaluation. Following this review and considering the sampling activities proposed for the Site in the LFR Workplan, a list of additional data needs was compiled to address specific risk assessment needs for human health or the environment.

Screening Methodology for Data Gaps Analysis

Using the criteria described in section 4.1 for risk assessment data requirements, the existing data in the database were screened to identify additional data needs for risk assessment purposes. The following items summarize the procedure used to evaluate the existing data and identify additional data needs for risk assessment purposes.

1. A list of analytes was compiled from the database. Groups of chemicals for which data were available included: semi volatile organic compounds (SVOCs); volatile organic compounds (VOCs); metals, polychlorinated biphenyls (PCBs) and pesticides.

2. The database was queried for all soil (divided into groups for shallow and deep) chemistry results and 1997-1998 groundwater (A zone and B zone) chemistry results in each of the four identified areas.

3. The following is the process by which the analytical data in the database was queried:

   - Soil Data

     - Risk-based screening criteria used for soil were US EPA Region IX industrial soil Preliminary Remediation Goals (PRGs) for the protection of human health. One exception was made for arsenic in shallow and deep soil. A value of 22 ppm arsenic in shallow soil and 445 ppm arsenic in deep soil was used to screen the soil data. These values were previously approved by the RWQCB for shallow and deep soil concentrations for arsenic to be left in place following the excavation of soil along Horton Street and at the artist's co-op (Levine-Fricke 1998)

     - The frequency of exceedances of risk-based criteria for each analyte was summarized for those detected concentrations of constituents in shallow soils (0-2 feet bgs) and deep soils (greater than 2 feet bgs).

     - For samples in which analytes were detected below the risk-based criteria, the frequency of occurrence for each analyte was summarized.

     - For those samples in which the result was nondetect, the method detection limit (MDL) was evaluated. Each MDL was compared to the appropriate risk-based criteria. The frequency of occurrence of MDLs that either exceeded or were below the associated criteria was summarized.

     - Risk-based soil screening values are not available for ecological populations. Since there is not a significant habitat on the Sherwin-Williams plant site, this was not considered a data gap.

   - Groundwater

     - Risk-based criteria in water were compiled for each analyte. For protection of human health, drinking water standards (MCLs), action levels (California MCLs), and US EPA Region IX tapwater PRGs were compiled. In addition, for the protection of aquatic ecological receptors, available freshwater and marine Federal Ambient Water Quality Criteria were summarized. The most stringent value (between human health and ecological criteria) for each analyte was chosen to screen the 1997-1998 groundwater analytical chemistry results.

     - The frequency of exceedances of risk-based criteria for each analyte was summarized for those detected concentrations of constituents in groundwater (A and B zone).

- For samples in which analytes were detected below the risk-based criteria, the frequency of occurrence for each analyte was summarized.

- For those samples in which the result was nondetect, the method detection limit (MDL) was evaluated. Each MDL was compared to the appropriate risk-based criteria. The frequency of occurrence of MDLs that exceeded or were below the appropriate criteria was summarized.

4. Based on the frequency of exceedances and frequency of occurrence summaries, the data for each media, by site-specific area, was reviewed. These summaries highlighted important information, such as: 1) those analytes that exceeded their corresponding risk-based criteria (e.g., chemicals of potential concern); 2) locations on-site in which there were exceedances of risk-based criteria (e.g., potential hotspots); 3) data that were not useable for risk assessment purposes due to inappropriate MDLs; 4) site-specific areas and analytes for which data were limited or lacking.

5. The risk assessment data gaps identified as a result of the database queries were then compared to a review of historical site activities. The purpose for this comparison was to focus the list of additional data needs to those analytes and site-specific locations that will potentially need to be evaluated in the human health and ecological risk assessment.

This screening process resulted in the identification of additional data needs for the four areas of the Site as described below.

- **Inside the Slurry Wall** - Existing data were sufficient for the metals arsenic, lead, zinc, cadmium, barium and copper. If review of the source information indicates the need for analysis of additional metals due to operations, those data would need to be collected to be evaluated in the risk assessment. Additional data are needed for the shallow and deep soil and A zone groundwater for VOCs and SVOCs. The data are needed to reach a minimum sample size of 10 for the calculation of a representative concentration using a 95 UCL. If maximum values or averages are sufficient indicators of representative concentrations, then additional data are not needed.

- **Southern Area** - Existing data were sufficient for the metals arsenic, lead, zinc, cadmium, barium and copper. If review of the source information indicates the need for analysis of additional metals due to operations, those data would need to be collected to be evaluated in the risk assessment. Additional data are needed for the shallow and deep soil and A zone groundwater for VOCs and SVOCs. The data are needed to reach a minimum sample size of 10 for the calculation of a representative concentration using a 95 UCL. If maximum values or averages are sufficient indicators of representative concentrations, then additional data are not needed.

- **Rifkin Property** - Existing data and data planned in the original LFR Workplan which have been completed to date, were sufficient for evaluation of this property for this phase of the investigation.

- **Northwestern Area** - There are soil samples for this area, but less than 10, so a 95%UCL would not be calculated. It was determined that additional soil data for this off-Site area was not needed. The existing data show low levels (below risk-based screening values) or non-detects for Site constituents. Since there is no source area in this location, additional soil data collection was not recommended. Data collection for the sediment and surface water was recommended to evaluate baseline conditions for Temescal Creek, however.

Existing data regarding pesticide analyses of soil and groundwater were considered adequate.

4.2 FEASIBILITY STUDY DATA NEEDS

The feasibility study requires an understanding of the physical characteristics of the Site, the sources of contamination, and the nature and extent of contamination. The remedial investigation should focus on the current extent of contamination, and estimating the travel time to and predicting contaminant concentrations at, potential exposure points.

The feasibility study has eight basic data needs as follows:

- Engineering characteristics of contaminated sediment.
- Surface water characteristics.
- Surface conditions, such as caps and pavement.
- Groundwater occurrence.
- Groundwater movement.
- Extent of contamination and estimated mass in soil, surface water and/or groundwater.
- Relevance of any engineered structures, such as conduits.
- Chemical and physical properties of chemicals detected in soil and/or groundwater.

The following text describes data gaps identified for each of these basic data needs.

Sediment Characteristics: Extensive data for the A zone exists to identify the type of soil underlying most of the Site as illustrated by the cross-sections included in this report. More data are recommended to characterize the soil types within the B zone underlying

the Site. Data from the A zone were collected during installation of the new extraction wells (EX-4 though EX-10) to characterize the engineering properties (e.g., lab permeability, moisture content, organic content, bulk density) of the A zone soil. Data regarding the engineering properties of the B zone is recommended to be collected.

Relevant Surface Water Characteristics: As presented in Section 2.2.5, significant information is available regarding the drainage patterns, channel design, and tidal influences in the Temescal flood control channel. More information is recommended in regard to baseline chemical conditions and the potential groundwater/surface water interactions (if any) at the flood control channel.

Relevant Surface Conditions: The current scope of work in the LFR Workplan is considered sufficient to characterize the relevant surface conditions.

Groundwater Occurrence: More information is recommended with regard to A zone groundwater occurrence in the southern area of the Site, and in the B zone underlying the Site.

Groundwater movement: More information is recommended in regard to current A zone groundwater levels in the adjacent properties (existing wells) and in the southern area of the Site. More information regarding B zone groundwater levels is also recommended.

Extent of contamination in soil, surface water and/or groundwater: Section 5.0 presents a detailed discussion regarding recommendations for additional sampling locations as they relate to source history. In general, more chemical data is recommended in regard to the southern area of the Site and inside the slurry wall, as well as in the B zone underlying the Site One additional sampling location is recommended for the Rifkin property. Calculation of background concentrations of metals is recommended.

Relevance of any engineered structures, such as conduits: The scope of work in the LFR Workplan, which was completed by LFR and is being supplemented by this Workplan Addendum, is considered sufficient to characterize the relevant engineered structures (with the exception of the collection of additional soil chemistry results at select locations).

Chemical and physical properties of chemicals detected in soil and/or groundwater: Development of a better understanding of the environmental mobility, speciation, persistence and toxicity of arsenic detected in soils and groundwater at the Site is recommended.

As discussed in Section 1.2, this Workplan Addendum presents the final scope of work for the Remedial Investigation. This section presents a description of the proposed remedial investigation tasks and objectives of each task. The proposed remedial investigation tasks reflect a scope of work discussed with the CWG in a series of meetings held in fall 1998. Proposed sampling locations are shown on Figure 5-1 and Table 5-1 presents the rationale for the selected sampling locations. Letters on Table 5-1 refer to sample locations shown on Figure 5-1. Figure 5-1 also presents historical sampling locations (in black), and the sampling locations completed during the ongoing remedial investigation (in orange). Details on field sampling procedures can be found in the Sampling and Analysis Plan (SAP) in Appendix E. The Health and Safety Plan was previously provided under separate cover (LFR, April 6, 1998).

Based on discussions with the RWQCB and the subsequent agreement of the CWG, the division of the Site areas presented in Figures 2-15 and 2-16 are being reorganized into operable units. It is the intention of Sherwin-Williams to proceed in a timely fashion through the RI/FS/RA process with all operable units. However, if the RI/FS/RA in one operable unit is unavoidably delayed, this approach allows the remainder of the operable units of the Site to proceed through the project unimpeded.

Based on discussions with RWQCB and the CWG, the Site has been organized into the following five "operable units" based on location, media and hydrogeologic zone:

- Operable Unit 1: Inside slurry wall, soil and A zone groundwater
- Operable Unit 2: Outside slurry wall (on-Site and off-Site as necessary) and not including the Rifkin property, soil only
- Operable Unit 3: Outside slurry wall not including Rifkin property (on-Site and off-Site as necessary), A zone groundwater only (including the waters and sediments of Temescal Creek)
- Operable Unit 4: Former Rifkin property, soil and A zone groundwater
- Operable Unit 5: B zone groundwater (on-Site and off-Site as necessary)

The data needs described in Section 4.0 were adapted to these operable unit Site divisions. For instance, when evaluating the data needs of the risk assessment, the data needs were established in order to perform a separate risk assessment for each operable unit (if necessary).

5.1 OPERABLE UNIT 1 TASKS

Operable Unit 1 consists of soil and A zone groundwater associated with those areas located within the slurry wall on the Sherwin-Williams Site. Although extensive data have been collected for this operable unit from the previous field investigations undertaken between 1988 and 1997 and since submission of the Workplan (Section 2.3), additional VOC and SVOC data are needed to characterize soil and groundwater conditions of the A zone to support the risk assessment (although 10 samples were not considered necessary to delineate the extent of contamination for risk purposes). In addition, several potential source areas such as the solvent storage areas, potential solvent conveyance lines, and the storm water drain lines need to be investigated. The remedial investigation tasks recommended for Operable Unit 1 include drilling two soil borings into the A zone. (Seven additional borings have been drilled and sampled already in regard to the extraction well installations.)

Two soil borings will be drilled into the A zone using the EnviroCore system inside the slurry wall area at the locations shown on Figure 5-1. The soil boring at the location labeled "F" is intended to investigate soil and groundwater quality in the areas associated with solvent storage tanks, a potential aboveground solvent conveyance line and the storm water drain line. The soil boring at the location labeled "G" is intended to investigate soil and groundwater in the areas associated with the railroad tracks, a potential aboveground solvent conveyance line, and the storm water drain line. Shallow (to two feet bgs) and deep (greater than two feet bgs to water table) soil samples and groundwater grab samples will be collected. Samples will be analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, and Title 22 Metals (filtered groundwater grab samples) by EPA Method 6010/7000 (see Table 5-1).

5.2 OPERABLE UNIT 2 TASKS

Operable Unit 2 consists of the unsaturated soils located outside the slurry wall but not at the Rifkin property, both on the Sherwin-Williams Site and off-Site locations as necessary. To evaluate Site structures not previously characterized (e.g., buildings, tanks, drain lines, etc.) and to provide additional data to support the human health and ecological risk assessments seventeen soil borings will be advanced in the A zone at the locations shown on Figure 5-1. Table 5-1 identifies the targeted structure and rationale for the placement of each boring location (see locations A, B, C, D, E, H, I, J, K, L, M, N, O, P, Q, R, and V). Shallow and deep soil samples will be taken as the soil borings are advanced to the top of the water table in the A zone. Continuous soil samples will be collected for stratigraphic logging. Selected soil samples will be analyzed for by the analytical test methods indicated in Table 5-1.

In addition to the soil borings, four samples of the on-Site railroad ballast will be collected from depths between 2 and 3 feet to evaluate potential influence from railroad ballast on soil quality. The railroad ballast samples will be analyzed for Title 22 Metals (EPA Method 6010/7000).

5.3 OPERABLE UNIT 3 TASKS

Operable Unit 3 consists of A zone groundwater beneath areas located outside the slurry wall, both on the Sherwin-Williams Site (but excluding the Rifkin property) and off-Site locations, and the surface water and sediments of Temescal Creek. The following tasks are planned for Operable Unit 3:

- Drilling seventeen A zone soil borings;
- Installation of five A zone groundwater monitoring wells; and
- Performance of a tidal study, which includes the installation of two piezometers, two stilling pipes, surface water and sediment sampling at three locations.

5.3.1 OPERABLE UNIT 3: A ZONE SOIL BORINGS

At the locations described in Section 5.2, groundwater grab samples will be also be collected at each soil boring location and analyzed by the analytical test methods indicated in Table 5-1.

5.3.2 OPERABLE UNIT 3: A ZONE MONITORING WELL INSTALLATION

Five groundwater monitoring wells (see Figure 5-1) will be installed in the A-zone to evaluate groundwater levels in the southern area of the Site, and to evaluate potential temporal changes in groundwater quality at these locations. The proposed locations may be slightly adjusted based on information derived from the soil borings described above. Monitoring well installation procedures are presented in the SAP in Appendix F. Following well installation and development, the initial groundwater samples collected from the A zone monitoring wells will be analyzed for Title 22 Metals (filtered) by EPA Method 6010/7000, SVOCs by EPA Method 8270, and VOCs by EPA Method 8260.

5.3.3 OPERABLE UNIT 3: TEMESCAL FLOOD CONTROL CHANNEL STUDY

The objective of this study is to evaluate the baseline surface water conditions in and hydrologic behavior of the Temescal flood control channel (see Section 2.2.5). The channel runs adjacent to the northern property boundary, in a concrete-lined channel. The following tasks are associated with the channel study.

Piezometer Installation

Two piezometers will be installed on the north and south side of Temescal Creek near the northwest corner of the slurry wall (Figure 5.1). The piezometers will be screened in the A-zone to a depth of approximately 15-20 feet below ground surface (bgs) using a hollow stem auger drilling rig. Details on the installation procedures are provided in the SAP

(Appendix F). The piezometers will be constructed of 2-inch diameter PVC casing and screen.

The piezometers will be surveyed by a California-licensed land surveyor. The stations will be located in the vertical and both horizontal planes. The horizontal control will be surveyed to the nearest 0.5 feet, and the vertical control will be surveyed to the nearest 0.01 feet. The survey will include the elevations of the tops of well casings which will be marked with a surveyed punch mark on the north side of the top of casing.

Stilling Pipe Installation

Stilling pipes to obtain surface water level data will be installed at two locations within Temescal Creek (Figure 5-1). One stilling pipe will be installed in Temescal Creek adjacent to the Site, and one will be installed near the mouth of Temescal Creek. The stilling pipes will be installed using hand tools and will be constructed of 2-inch diameter PVC casing and screen.

The stilling pipes will be surveyed by a California-licensed land surveyor. The stations will be located in the vertical and both horizontal planes. The horizontal control will be surveyed to the nearest 0.5 feet, and the vertical control will be surveyed to the nearest 0.01 feet. The survey will include the elevations of the tops of well casings which will be marked with a surveyed punch mark on the north side of the top of casing.

Hydrology

To investigate the hydrologic relationship (if any) between the groundwater and Temescal channel, pressure transducers equipped with dataloggers will be installed in piezometers, stilling pipes, and monitor wells at select locations to facilitate interpretation of external influences on the area hydrology (e.g., upstream contributions of surface runoff, storm drain outfalls, tidal fluctuations). Surface water levels will be concurrently recorded at specified time intervals over a continuous period appropriate to analyze the surface runoff conditions and tidal extremes. Hydrographs of the water elevations for each surface and groundwater monitor station will be evaluated to identify and describe the location, magnitude and direction of groundwater/surface water flow relationships. Flow rates will also be estimated.

The potential discharge gradient from Site groundwater to the creek is expected to vary during each diurnal and lunar tidal cycle and with the seasonal changes that produce annual extremes in groundwater elevations, surface runoff, and tidal ranges. To examine the groundwater/surface water system during a period with maximum potential groundwater gradients, the study will be preferably conducted for two weeks in May or June 1999, including a spring tide. During this period, groundwater elevations should be relatively high, while surface water runoff within the channel will be relatively low, and diurnal ranges in tidal elevations will be extreme. If winter rainfall is below normal, it may be advisable to schedule the monitoring earlier in spring 1999, since the groundwater levels may not remain as high as is typical.

Several of the existing monitor wells will be used to assess groundwater flow and tidal impacts across the site (Figure 5-1). Monitor wells LF-25, LF-23, and LF-11 are planned to be used to monitor tidal impacts, as they are at varied distances from the creek and the Bay. Monitor wells LF-18 and LF-8 will be used to assess groundwater communication and tidal impacts across the slurry wall, and LF-B3 and LF-B6 will be used to assess tidal impacts (if any) in the B-zone.

The horizontal and vertical survey controls for the existing monitor wells will be checked to ensure that it is consistent with the survey controls for the proposed piezometers and stilling pipes. If the survey controls are not consistent, then the existing monitor wells will be re-surveyed.

Datalogger Installation

The pressure transducers and dataloggers will be installed at a known depth below the top of casing of the piezometers, stilling pipes, and monitor wells so that the pressure transducer elevation can be calculated with respect to mean sea level (expressed as feet msl). The dataloggers will be programmed to record water levels every 15 minutes, and the data will be downloaded every 2 days. During the download process, a manual depth to water measurement will be collected in all monitoring stations as a field check on the accuracy of the equipment. Following each download, the data will be subjected to a QA/QC program which will be incorporated in an amended QAPP.

Data Collection and Transformation

The collected pressure data will represent the weight of water above the pressure transducer, and this data will be converted into water elevations above the selected datum (msl). The data transformation for each transducer requires establishing each transducer elevation relative to the datum, which is based on the topographic survey of top of casings and field measured depths at which the transducers are deployed. Water within the surface and groundwater systems may have density differences (because of the proximity to the bay) that are substantial enough to influence conversion of pressure data to elevations. Therefore, variation in water density at each location will be checked through salinity measurements and the collected water level data will be adjusted to represent water elevation as fresh water at all monitor locations. Hydrographs with the fresh water equivalent water elevations will be created for the entire monitoring period at each monitor location. The hydrographs will be used to interpret the relationship between the groundwater/surface water systems by analyzing the time series of head differences and water level responses at the monitor locations.

Water Quality

Surface water will be collected during the tidal study from selected locations (see Table 5-1 and Figure 5-1) to characterize baseline conditions in the channel. The results will be used to establish and describe the relationship between the groundwater and surface water (if any), and changes in hydrology due to tidal affects.

Surface water samples will be collected from three locations within the channel at a consecutive high and low tide (Figure 5-1). Based on the chemicals detected in groundwater at the Site and water quality parameters needed to determine the basic chemical make-up of the water body, the surface water samples will be analyzed for arsenic, cadmium, lead, zinc, chloride, hardness, TDS, turbidity, conductivity, salinity, temperature, and pH.

Sediment Sampling

Sediment samples will be collected from three locations in the creek bed (Figure 5-1), and the results will be used to determine relationships between sediment chemistry and surface water quality. Sediment samples from representative surface and subsurface locations on the deposits within the creek will be collected once at low tide, and will be analyzed for grain size and for pH, TOC, arsenic, cadmium, zinc, and lead.

5.4 Operable Unit 4 Tasks

As was discussed in Section 2.3.3 (Completed Remedial Investigation) much of the field work proposed in the Workplan (LFR, June 2, 1997) has already been completed including additional CPTs (extending to depths within the A zone) and soil borings on the Rifkin property. One additional soil boring (W) will be advanced into the A zone as indicated on Figure 5-1. Shallow and deep soil samples and a ground water grab will be collected. Continuous soil samples will be collected for stratigraphic logging. Selected soil and groundwater samples will be analyzed by the test methods indicated in Table 5-1.

5.5 Operable Unit 5 Tasks

Operable Unit 5 consists of the groundwater of the B zone (on-Site and off-Site, as necessary). In order to provide additional data on the lithology of the B zone and groundwater quality of the B zone, the following tasks are proposed for Operable Unit 5:

- Three CPTs will be advanced into the B zone
- Eleven soil borings will be advanced into the B zone
- Two groundwater monitoring wells will be constructed

5.5.1 Operable Unit 5: Cone Penetrometer Testing (CPT)

Three CPTs will be advanced at the locations shown on Figure 5-1 into the B zone to collect stratigraphic data on the B zone sediments. The CPTs will be advanced approximately five feet into the aquitard below the B zone. No soil or groundwater grab samples are planned for collection. Soil and groundwater grab samples will be collected from B zone soil borings as described in Section 5.5.2 for data comparability purposes.

5.5.2 Operable Unit 5: B zone Soil Borings

Eleven soil borings will be drilled into the B zone using the EnviroCore system to evaluate groundwater quality within the B zone at the locations shown on Figure 5-1. One soil boring will be located near the CPT location inside the slurry wall(described above) in order to calibrate the CPT results with stratigraphy from the logged soil boring. The soil borings will be advanced approximately three feet into the aquitard beneath the B zone. Continuous soil samples will be collected for stratigraphic logging purposes. Data collected from the CPTs advanced into the B zone in other operable units (Operable Units 1 and 3) and the recovered soil samples will be used to estimate the targeted depth of the B zone aquitard. Soil samples will not be submitted for chemical testing. Selected soil samples from the B zone aquitard will be submitted for physical testing (bulk density, permeability, porosity, moisture content, grain size distribution, hydrometer testing, Atterberg Limits, and soil classification). Two groundwater grab samples will be collected at each location: one from the upper portion and one from the lower portion of the B zone aquifer. The groundwater grab samples will be analyzed for Title 22 Metals (filtered) by EPA Method 6010/7000, SVOCs by EPA Method 8270, and VOCs by EPA Method 8260. Details of the sampling and analysis are presented in the SAP in Appendix F.

5.5.3 Operable Unit 3: B zone Monitoring Well Installation

To provide water level data and ongoing measures of groundwater quality within the B-zone, two groundwater monitoring wells will be installed into the B zone at the locations shown on Figure 5-1. The proposed locations may be adjusted based on information derived from the soil borings described above. Monitoring well installation procedures are presented in the SAP in Appendix E. Following well installation and development, groundwater samples will be collected from the B zone monitoring well and analyzed for Title 22 Metals (filtered) by EPA Method 6010/7000, SVOCs by EPA Method 8270, VOCs by EPA Method 8260, and general minerals.

5.6 Additional Tasks

Four additional tasks are recommended for the remedial investigation at the Site. Development of a better understanding of the environmental mobility, speciation, toxicity, and persistence of arsenic detected in soils and groundwater at the Site through a literature search is recommended. Calculation of the background concentrations of metals at the Site is recommended. Also, a measurement of regional water levels in the A zone at adjacent properties (where existing wells are available) is recommended to better characterize current groundwater flow conditions. This water level measurement could supplement the on-going Self Monitoring Program. Also, the status and future scope of the Self-Monitoring Program should be re-evaluated upon completion of the RI work.

An RI generates an extensive amount of information, the quality and validity of which must be consistently documented. Documentation procedures are divided into three categories: field activities, sample management and tracking, and document control and inventory. A Quality Assurance Project Plan (QAPP) which addressed these documentation procedures was developed for this Site in July 1998 (ENTRIX 1998). This QAPP will be updated as necessary in regard to the tasks outlined in Workplan Addendum. The SAP presented in Appendix F also provides data management and reporting protocol for the RI.

The ongoing status of the remedial investigation will be reported in both LFR's monthly progress reports and in the CWG meetings. Following completion of the remedial investigation tasks described in this Workplan Addendum, a draft remedial investigation report will be produced for review by the RWQCB, CWG, and general public. The report will be prepared according to CERCLA guidance, and include discussion of the field program, physical characteristics of the Site, nature and extent of contamination, contaminant fate and transport analysis, and a summary and conclusions section.

Revision of the RI/RA/FS schedule and the scope in the Order is recommended based on the revised scope of work presented in this Workplan Addendum. The dates recommended in this discussion are approximate and address all five operable units at the Site, collectively. If the scope of work for this Workplan Addendum is approved by the RWQCB by mid-March 1999, then submittal of the remedial investigation report could occur by mid-November 1999. The remedial investigation document could then be approved by February 2000, if a 3 month time period is assumed for agency review and comment and any necessary revision of the remedial investigation report. The draft risk assessment report could be submitted sixty days after acceptance of the final remedial investigation report (e.g., April 2000). The risk assessment could then be assumed to be finalized three months later (e.g., July 2000) after agency review and comment and any necessary revision of the risk assessment report. The feasibility study could be submitted to RWQCB sixty days after acceptance of the final risk assessment (e.g., September 2000). The feasibility study could then be assumed to be finalized three months later (December 2000) after agency review and comment and any necessary revision of the feasibility study document. The Remedial Action Plan could be submitted ninety days after approval of the feasibility study (e.g., March 2001).

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TABLE 2-1: BUILDING HISTORY OF SHERWIN-WILLIAMS FACILITY

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Building Number	Description (Year, Building Activities)	Year Built	Year Removed
1	1929 General Office and Warehouse 1956 Warehouse and Offices (paint, calcimine, varnish) 1973 Pigment Storage, Labs, Receiving & Storage, Offices 1994 Storage	1920	
2	1920 Paint Manufacturing 1956 Tank Rm, Paste, Mixing, Grinding, Filling, Packaging, Labeling 1973 Tank Rm, Paste, Mix, Grind, Label, Filling & Packaging 1994 Lab, Filling & Packaging	1920	
3	1929 Raw Material Storage	1929	Gone by 1956
4	1920 Raw Material Storage 1956 Can & Box Storage, Labeling 1973 Can, Box Storage & Labeling 1994 Idle	1920	
5	1929 Varnish Fire Room	Before 1929	1946
6	1929 Filter Press & Pump Room	Before 1929	1946
7	1929 Varnish Blending & Filling	Before 1929	1946
8	1929 Varnish Storage 1956 Varnish Storage 1973 Varnish Storage	1920	Gone by 1994
9	1929 Manufacturing Bldg., Arsenate of Lead 1956 Raw Stock Storage & Cans 1973 Empty Can Storage	1920	Gone by 1994
10	1929 Lead Liquor Tower House 1956 Raw Stock 1973 Empty Can Storage	1920	Gone by 1994
11	1929 Pump Room for Boiler House 1956 Compressors	1924	Gone by 1973
12	1929 Boiler House 1956 Boilers, Compressors, Transformers 1973 Boilers, Compressors, Transformers 1994 Boiler	1924	
13	1929 Pump House for Arsenate of Lead	Before 1929	Gone by 1956
14	1929 Oil Emulsion Bldg.	Before 1929	1938
15	1929 Courer (?) Shop with Garage at North End	Before 1929	1938
16	1929 Pump House for Paint & Varnish	Before 1929	Gone by 1956
17	1929 Transformer House	Before 1929	Gone by 1956
18	1929 Incinerator ?	Before 1929	1936
19	1929 House for Pump, Serving Bored Well	Before 1929	Gone by 1956
20	1929 Car Pulling Station	Before 1929	Gone by 1956
21	1929 Foremans Office	Before 1929	Gone by 1956
22	Elevated Gravity Conveyor	Before 1929	Gone by 1956
23	Barrel Skidway	Before 1929	Gone by 1956
24	1929 Storage for Denatured Alcohol	Before 1929	Gone by 1956
25	1929 Arsenic Acid Building 1956 Labeling and Mostly Vacant 1973 Drum Storage	1924	Gone by 1994

TABLE 2-1: BUILDING HISTORY OF SHERWIN-WILLIAMS FACILITY

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Building Number	Description (Year, Building Activities)	Year Built	Year Removed
26	1929 Arsenate of Lead Warehouse 1956 Rawstock Storage 1973 Carton Flats	1926	Gone by 1994
27	1929 Lacquer Blending Unit 1956 Pigment Storage 1973 Carton Storage	1926	Gone by 1994
28	1956 Dry Storage, Mill, Grinding & Filling 1973 Dry Storage & Mill, Grinding, Filling 1994 Grinding, Filling	1936	
29	1956 Varnish Cooker 1973 Varnish Cooker, Fume Scrubber 1994 Tanks	1936	
30	1956 Cold Cutting, Varnish Filling 1973 Cold Cutting, Filling 1994 Idle	1936	
31	1956 Cans of Paint, Lacquer, Calcimine, Insect Spray, Tints, Paper Carbons, Thinners & Linseed Oil 1973 Pigment Storage, Paint in Cans, Labs Shipping 1994 Storage of Cartoned & Palletized Paint, Equipment	1938	
32	1956 Lacquer Plant 1973 Lacquer Mfg.	1938	Gone by 1994
33	1956 Raw Stock Storate, Varnish Reducing & Blending 1973 Scrubber Tanks, Thinning Tanks, Varnish Reducing	1946	Gone by 1994
34	1956 Empty Drum Storage 1973 Varnish Storage	Before 1956	Gone by 1994
35	1973 Finished Goods Warehouse 1994 Manufacturing and Storage of Raw Material	1964	
36	1973 Test Building 1994 Lab	Before 1973	
38	1973 Maintenance Shop 1994 Maintenance Shop	1965	
44	1973 Barrel Storage, Finished Goods Storage	1964	Gone by 1994
192	1956 Carpenter Shop	Before 1956	Gone by 1973
Refuse Shed	1973 Refuse Shed	Before 1973	Gone by 1994
Warehouse Over Creek	Warehouse	Before 1973	Gone by 1994
Container Corp. of America	Carton Mfg.	Before 1973	Gone by 1994

References:
1938 Property Plat (Sherwin-Williams)
1956 Fire Insurance Map (Sherwin-Williams)
1973 Fire Insurance Map (Sherwin-Williams)
1994 Property Plan (Sherwin-Williams)

TABLE 2-2: SUMMER 1993 GROUNDWATER ELEVATIONS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Sherwin-Williams

Well ID	Date	Groundwater Elevation (feet MSL)
LF-1	6/8/93	8.03
LF-2	6/8/93	7.13
LF-3	6/8/93	7.19
LF-4	6/8/93	6.19
LF-5	6/8/93	6.54
LF-7	6/8/93	6.77
LF-8	6/8/93	6.18
LF-9	6/8/93	5.56
LF-10	6/8/93	6.45
LF-12	6/8/93	8.07
LF-13	6/8/93	8.24
LF-14	6/8/93	4.58
LF-15	6/8/93	5.40
LF-16	6/8/93	5.93

Myers Container Corporation

Well ID	Date	Groundwater Elevation (feet MSL)
W-13	5/25/93	7.75
W-15	5/24/93	6.33
W-17	5/24/93	7.33
W-18	5/24/93	6.00
W-19	7/22/93	6.33

Barbary Coast Steel

Well ID	Date	Groundwater Elevation (feet MSL)
MW-5	8/31/93	1.84
MW-6	8/31/93	4.83
MW-7	8/31/93	4.53
MW-8	8/31/93	5.54

TABLE 2-3: EVALUATION OF PIPELINES AND I

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

	PHYSICAL SETTING				FLOW		TIMING
	Pipe Identifier (1)	Diameter (inches)	Earliest Date (2)	Curre Stat	o Surface Waters Flow (10)	Potential Chemical Exposure via Plume or Connecting Pipe	Historical/Current/Future Potential for Offsite Contamination (11)
Water:	W-1	4"	1911	unkno	o	no	no
	W-2	4"	1911	unkno	o	no	no
	W-3	6"	1957	ope	o	no	no
	W-4	10"	1957	ope	o	no	no
	W-5	6"	1957	ope	o	no	no
	W-6	10-12"	1957	ope	o	no	no
	W-7	4"	1911	unkno	o	no	no
	W-8	6-8"	1929	ope	o	no	no
	W-9	6"	1929	ope	o	no	no
	W-10	10"	1957	ope	o	no	no
	W-11	8"	1957	ope	o	no	no
	W-12	6"	1957	ope	o	no	no
	W-13	4"	1974	capped at Sh	o	no	no
Sewer:	SS-1	21"	1974	ope	SS-2	no	no
	SS-2	18-21"	1957	ope	Street Main	no	no
	SS-3	15"	1929 abnd. 1958	non -		no	no
	SS-4	12"	1957	ope	Street Main	no	no
	SS-5	10"	after 1929 & prior to 1937	ope	POTW	yes	yes, minor historic, pipe
	SS-6	3"	1956 plugged prior to 1994	non-o	Street Main	yes	no
	SS-7	3"	1956 plugged prior to 1994	non-o	SS-6	yes	no
	SS-8	8"	prior to 1929	non-o		?	no
	SS-9	6"	1957	non-o	Street Main	? (data gap)	no
	SS-10	?	1929	ope	Street Main	no	no
	SS-11	8"	1957	ope	Street Main	? (data gap)	no
	SS-12	6"	prior to 1929	non-o	South	no	no
	SS-13	6"	prior to 1929	non-o		?	no
	SS-14	6"	1957	ope	herwin St. Main	no	no
Storm:	SD-1	18"	1994	non-o	scal Creek	yes	yes, minor historic, pipe
	SD-2	15"	1957? ABND 1969	non-o	scal Creek	yes	yes, minor historic, pipe
	SD-3	15"	1957? ABND 1969	non-o	scal Creek	yes	yes, minor historic, pipe
	SD-4	15"	1957	ope	o	? (data gap)	? (data gap)
	SD-5	15"	1957	ope	o	? (data gap)	? (data gap)
	SD-6	15"	1957	ope	eet Storm Drain]	? (data gap)	? (data gap)
	SD-7	15"	1956	non-o	scal Creek	yes	yes, minor historic, pipe
	SD-8	18"	1996	non-o	scal Creek	yes	yes, minor historic, pipe
Gas:	G-1	4"	1973	ope	o	no	no
	G-2	4"	1957	ope	o	no	no
	Old Temescal Creek	bedding	prior to 1929 to 1968	non-o	A	NA	no
	New Temescal Creek	bedding	1968 - current	ope	A	NA	yes, future, bedding
	railroad ballast	gravel bed	Prior to 1929	ope	o	no	no

Notes:
(1) See Figure 2-1 for location
(2) Earliest date known regarding existence.
(3) "Oper." indicates currently assumed operable. "Non-oper" indicates currently assumed non-operabl
(4) Best estimate of construction based on then-current standard practice.
(5) Based on Pre-slurry wall A Zone Potentiometric Surface.
(6) Potential A zone flow direction across bedding material.
(7) Indicates whether transport of contaminants via bedding or pipe backfill material is possible. A "no
(8) Indicates if pipeflow is flowing to on-site or off-site location. Indicates direction of pipeflow.
(9) Indicates if pipe is located below water table and could potentially receive groundwater inflow.
(10) Indicates if pipe identified in evaluation, itself out falls to surface waters or to off-site soils. If no
(11) Indicates if pipeline or lateral structure could potentially act as a conduit to off-site. If "yes", the t
potentially act as conduits or have data gaps are shaded. If site data insufficient to determine poten
NA: Not applicable.
?: Queried where no available data.
vcp: vitrified clay pipe

TABLE 2-4: SUMMARY OF FIELD INVESTIGATIONS - SHERWIN-WILLIAMS SITE
Sherwin-Williams, 1450 Sherwin Avenue, Emeryville, California

Date	Report Author	Report Date	Summary of Field Investigations
1987	LFR	July 1, 1989	Two chemical tank storage facilities dismantled.
July 1988	LFR	July 1, 1989	Six soil borings (SW-1 to SW-6) drilled in the vicinity of two former tank storage areas. Soil samples collected and analyzed for VOCs, extractable organic compounds, pesticides/PCBs, metals, and cyanides.
May 1989	LFR	July 1, 1989	Nine soil borings (SB-7 to SB-15) were drilled and seven monitoring wells (LF-1 to LF-7) were installed upgradient and downgradient of two former tank storage areas. Soil and ground water samples collected and analyzed for VOCs, SVOCs and 17 metals.
Oct. - Nov. 1989	LFR	April 1, 1990	Eleven soil borings (SB16 to SB-26) were drilled, six A-Zone monitoring wells (LF-8 to LF-13) and three B-Zone monitoring wells (LF-B1 to LF-B3) were installed to better characterize the lateral and vertical extent of impacted soil and groundwater. Soil and groundwater samples collected and analyzed for VOCs, SVOCs, and metals.
1990-1991	LFR	December 20, 1991	41 soil borings (SB-27 to SB-40, AA9101 to AA9124, AA91TS1 to AA91TS3) drilled in the area of the former lead-arsenate building.
June 1990	LFR	December 20, 1991	Eight soil borings (SB-41 to SB-48) drilled in vicinity of a spill of Texanol, an "ester-alcohol-based solvent". Soil samples were analyzed for VOCs and SVOCs.
1990-1991	LFR	December 20, 1991	Eleven soil borings (PA-1 to PA-3, PA9101 to PA9106, PA9102B, PA9105B) drilled in a paved parking area near wells LF-10 and LF-B3 where a "residual tar/diesel" substance was encountered.
August 1990	LFR	December 20, 1991	Approximately 450 cubic yards of soil were excavated in the former solvent storage area in the where extraction wells EX-1 and EX-2 are presently located.
April 1994	LFR	May 19, 1994	Soil boring SB-8 drilled on Sherwin-Williams site in conjunction with a soils investigation on the former Rifkin property. Analyses on soil and ground water grab samples included TPHg, TPHd, VOCs, and arsenic.
July 1994	TMC	October 4, 1994	Four soil borings (SW1 to SW4) were drilled by TMC on the Sherwin-Williams site near the southern border of the Rifkin property. Soil samples were analyzed for VOCs, TPHg, TPHd, motor oil and lead.

TABLE 2-4: SUMMARY OF FIELD INVESTIGATIONS - SHERWIN-WILLIAMS SITE
Sherwin-Williams, 1450 Sherwin Avenue, Emeryville, California

Date	Report Author	Report Date	Summary of Field Investigations
July - Aug. 1994	IC	September 29, 1994	Four former USTs, consisting of approximately 6,500 gallon steel railroad tankers, were excavated and removed between July 25 and August 5, 1994. The USTs reportedly contained Bunker C (diesel #6) fuel. Confirmation soil samples were analyzed for TPHd, TPHg, TPHb, BETX, oil and grease, VOCs, SVOCs-WET.
1994 - 1996	LFR	April 19, 1996	Installation of Interim Remedial Measures, including construction of an environmental cap, slurry wall, groundwater extraction system (installation of extraction wells EX-1 to EX-3 and coneveyance lines) and groundwater treatment system.
July 1996	LFR	March 15, 1996	Two USTs, identified as "torpedo tanks" were removed. The tanks reportedly contained a "heavy petroleum hydrocarbon".
Nov. 1996	EKI	March 1, 1997	Eleven soil borings (CH1 to CH10, CH1B) were drilled by EKI on the Sherwin-Williams site, near the southern border of the Rifkin property. Analyses on soil and ground water grab samples included metals, VOCs, SVOCs, pH and TCLP for arsenic and lead.
Mar. - May 1997	LFR	June 19, 1998	March, April and May 1997. Horton Street soil investigations.
March 1997	LFR	February 1, 1998	Ten wipe samples collected from retaining wall along Horton Street on March 28, 1997.
Dec. 1997	LFR	February 1, 1998	Three "precipitate" samples were collected from the retaining wall on December 10, 1997.

TABLE 2-5 SUMMARY OF FIELD INVESTIGATIONS - FORMER RIFKIN PROPERTY
Sherwin-Williams, 1450 Sherwin Avenue, Emeryville, California

Date	Report Author	Report Date	Summary of Field Investigations
1988	TMC	April 1, 1994	A 1,000 gallon gasoline tank was removed on July 8, 1988 and a 550 gallon gasoline tank was removed on September 30, 1988. Two soil samples (S-1 and S-2) from 1,000 gallon tank excavation; two soil samples (X-1 and X-2) from 550 gallon tank Samples analyzed for TPHg, TPHd, and lead. Monitoring well MW-1 installed.
Sept. 1992	HLA	June 14, 1995	Two soil borings (EB-2 and EB-3) drilled and nine soil samples collected. Soil samples analyses reported the presence of hydrocarbons and "hydrocarbon-based solvents".
July and August 1993	EKI	October 1, 1993	Seven soil borings drilled (4543-A to -C, 4563-A, and 4525-6 to -8). Eleven composite soil samples collected and analyzed for VOCs, TPHg, TVPd, PCBs and metals. Seven ground water grab samples samples collected and analyzed by the same analyses, except without PCBs. Eight CPTs (CPT-1 to -8) advanced. Ground water grab samples analyzed for VOCs, TPHg, TPHd, PCBs and metals. Well MW-1 and contents of 2 USTs sampled.
Nov. 1993	TMC	March 1, 1994	Three USTs removed (500 gallon paint thinner tank, 1500 gallon heating oil tank, and 1500 gallon diesel tank). Soil samples analyzed for TPH and BTEX; selected samples analyzed for VOCs and lead.
1994	TMC	April 1, 1994	Former paint thinner tank pit over-excavated on January 6 and former heating oil tank over-excavated on January 10. Observation sump OB-1 installed prior to backfilling.
Jan. 1994	TMC	April 25, 1994	Well MW-1 drilled out on January 19, 1994 by PC Exploration to permit over-excavation of former gasoline tank excavation. Observation sump OB-2 installed prior to backfilling.
April 1994	LFR	May 19, 1994	Seven soil borings drilled (SB-1 to SB-7) on Rifkin Property; soil boring SB-8 drilled on Sherwin-Williams site. Analyses on soil and ground water grab samples included TPHg, TPHd, VOCs, and arsenic.
July 1994	LFR TMC	October 11, 1994 November 16, 1994	Five ground water monitoring wells (RP-1 to RP-5) installed. Soil samples analyzed for VOCs, TPHg, TPHd, motor oil and organic lead. Ground water samples analyzed for arsenic.
Sept. 1994	LFR	October 11, 1994	Ground water samples from wells RP-1 to RP-5 analyzed for VOCs, TPH and arsenic.
Sept. 1994	TMC	November 16, 1994	Two geotechnical borings (GMTX-12 and-13) drilled. Composite soil samples analyzed for VOCs, TPHg, TPHd and BTEX.

TABLE 2-5 SUMMARY OF FIELD INVESTIGATIONS - FORMER RIFKIN PROPERTY
Sherwin-Williams, 1450 Sherwin Avenue, Emeryville, California

Date	Report Author	Report Date	Summary of Field Investigations
Dec. 1994	TMC	February 25, 1995	Five ground water monitoring wells (MW-1 to MW-5) installed. Analyses on soil and ground water samples included TPH, BTEX, VOCs, SVOCs, PCBs, and priority pollutant metals.
Dec. 1996	LFR	CCR 1998	Nineteen soil borings (GP-1 to GP-15, GP-1B, GP-6B, GP-9B and GP-14B) drilled in "southern vicinity of the Rifkin property". Soil samples analyzed for arsenic, zinc and lead. Composite soil samples analyzed for TCLP metals, VOCs, and SVOCs.

TABLE 2-6: CONSTRUCTION DETAILS FOR WELLS INCLUDED IN THE SELF-MONITORING PROGRAMS
Sherwin Williams
1450 Sherwin Avenue, Emeryville, California

Well	Zone	Date Constructed	Ground Surface Elevation (ft MSL)	Total Depth (ft bgs)	Casing Material	Casing Diameter	Screen Slot Size	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of Screen Elevation (ft MSL)	Bottom of Screen Elevation (ft MSL)	Top of Filter Pack (ft bgs)	Bottom of Filter Pack (ft bgs)
Wells located at the Sherwin Williams site and off-site (except Rifkin site)													
LF-3	A	5/18/89	12.48	11.5	PVC	2"	0.010"	6.0	11.0	6.5	1.5	4.5	11.0
LF-8	A	11/2/89	13.50	15.0	PVC	4"	0.020"	5.0	15.0	8.5	-1.5	4.0	15.0
LF-11	A	10/30/89	10.58	15.5	PVC	4"	0.020"	5.0	15.0	5.6	-4.4	4.0	15.5
LF-12	A	11/2/89	15.47	17.5	PVC	4"	0.020"	7.5	17.5	8.0	-2.0	6.0	17.5
LF-13	A	10/31/89	15.26	17.5	PVC	4"	0.020"	7.5	17.0	7.8	-1.7	6.0	17.5
LF-17	A	2/1/96	13.04	14.5	PVC	2"	0.010"	8.0	14.0	5.0	-1.0	7.0	14.5
LF-18	A	2/5/96	13.47	19.0	PVC	2"	0.010"	9.0	18.5	4.5	-5.0	8.0	19.0
LF-19	A	1/30/96	14.86	22.0	PVC	2"	0.010"	12.0	22.0	2.9	-7.1	10.0	22.0
LF-20	A	2/5/96	12.06	18.3	PVC	2"	0.010"	8.0	18.0	4.1	-5.9	7.0	18.0
LF-21	A	2/5/96	10.62	15.0	PVC	2"	0.010"	5.0	15.0	5.6	-4.4	4.0	15.0
LF-23	A	4/5/96	7.64	15.5	PVC	2"	0.010"	5.0	15.0	2.6	-7.4	4.0	15.5
LF-24	A	4/4/96	7.22	17.3	PVC	2"	0.010"	7.0	17.0	0.2	-9.8	5.0	17.0
LF-25	A	4/4/96	8.31	18.0	PVC	2"	0.010"	8.0	18.0	0.3	-9.7	6.0	18.0
LF-26	A	1/30/96	13.35	18.5	PVC	2"	0.010"	8.5	18.0	4.9	-4.6	7.5	18.5
LF-27	A	12/22/97	15.47	18.0	PVC	2"	0.010"	8.0	18.0	7.5	-2.5	6.0	18.0
LF-28	A	12/22/97	14.73	18.0	PVC	2"	0.010"	6.5	18.0	8.2	-3.3	5.5	18.0
LF-29	A	12/23/97	14.02	19.5	PVC	2"	0.010"	6.0	19.5	8.0	-5.5	5.0	19.5
LF-30	A	12/23/97	13.52	18.5	PVC	2"	0.010"	6.0	18.5	7.5	-5.0	5.0	18.5
LF-B3	B	11/3/89	11.35	39.5	PVC	2"	0.010"	34.0	39.0	-22.6	-27.6	33.0	41.0
LF-B4	B	6/29/90	14.72	48.0	PVC	2"	0.020"	36.0	46.0	-21.3	-31.3	33.0	48.0
LF-B5	B	2/2/96	18.79	44.0	PVC	2"	0.010"	34.0	44.0	-15.2	-25.2	32.0	44.0
LF-B6	B	2/2/96	12.41	39.0	PVC	2"	0.010"	28.0	38.5	-15.6	-26.1	26.0	39.0
EX-1	A	7/17/95	11.28	20.0	SS	6"	0.010"	5.0	20.0	6.3	-8.7	4.0	20.0
EX-2	A	7/17/95	11.16	19.0	SS	6"	0.010"	4.0	19.0	7.2	-7.8	3.5	19.0
EX-3	A	7/17/95	15.60	20.0	SS	6"	0.010"	5.0	20.0	10.6	-4.4	4.0	20.0

TABLE 2-6: CONSTRUCTION DETAILS FOR WELLS INCLUDED IN THE SELF-MONITORING PROGRAMS

Sherwin Williams

1450 Sherwin Avenue, Emeryville, California

Well	Zone	Date Constructed	Ground Surface Elevation (ft MSL)	Total Depth (ft bgs)	Casing Material	Casing Diameter	Screen Slot Size	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Top of Screen Elevation (ft MSL)	Bottom of Screen Elevation (ft MSL)	Top of Filter Pack (ft bgs)	Bottom of Filter Pack (ft bgs)
Wells located at the Rifkin site													
RP-1	A	7/26/94	16.09	12.5	PVC	2"	0.010"	7.0	12.0	9.1	4.1	6.0	12.0
RP-2	A	7/25/94	16.29	15.0	PVC	2"	0.010"	8.0	14.5	8.3	1.8	7.0	15.0
RP-3	A	7/26/94	16.64	13.0	PVC	2"	0.010"	8.0	12.5	8.6	4.1	7.0	13.0
RP-4	A	7/25/94	16.45	17.0	PVC	2"	0.010"	7.0	16.5	9.5	0.0	6.0	17.0
RP-5	A	7/25/94	15.84	15.0	PVC	2"	0.010"	7.0	14.5	8.8	1.3	6.0	15.0
MW-1	A	12/9/94	14.15	19.0	PVC	2"	0.010"	7.0	17.0	7.1	-2.9	6.0	17.0
MW-2	A	12/8/94	13.97	19.0	PVC	2"	0.010"	5.0	17.0	9.0	-3.0	4.0	17.0
MW-3	A	12/8/94	15.05	19.5	PVC	2"	0.010"	6.5	19.5	8.6	-4.4	5.5	19.5
MW-4	A	12/9/94	16.85	18.5	PVC	2"	0.010"	7.0	17.0	9.9	-0.1	6.0	17.0
MW-5	A	12/9/94	16.70	17.0	PVC	2"	0.010"	7.0	17.0	9.7	-0.3	6.0	17.0

Note:

(1) Construction details are for wells included in the self-monitoring programS performed in accordance with RWQCB Order No. 98-009.

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
CHEMICAL SPECIFIC ARARS			
Safe Drinking Water Act: National Primary Drinking Water Standards	40 CFR Part 141.60	Establishes chemical-specific health-based standards for public water systems. These enforceable standards are known as maximum contaminant levels or MCLs.	No/Yes
Safe Drinking Water Act: National Secondary Drinking Water Standards	40 CFR Part 143	Establishes chemical-specific welfare-based standards for public water systems. These enforceable standards are known as secondary maximum contaminant levels.	No/Yes
Safe Drinking Water Act: National Maximum Contaminant Level Goals	40 CFR Part 141.50	Establishes drinking water quality goals set at levels of no known or anticipated adverse health effects, with an adequate margin of safety.	No/Yes
California Safe Drinking Water Standards	23CCR§64431-64444.5	Establishes enforceable primary drinking water standards for the state of California.	No/Yes
Clean Water Act Water Quality Criteria	40 CFR Part 131	Establishes chemical-specific criteria for surface water quality based on toxicity to aquatic organisms and human health. AWQCs for both human health and aquatic organisms for inorganic contaminants are consider relevant and appropriate These criteria are not regulatory standards by themselves unless they have been adopted in a state water quality standard.	No/Yes
Clean Air Act: National Primary and Secondary Ambient Air Quality Standards	40 CFR Part 50	Establishes standards for ambient air quality to protect human health to protect public health and welfare (including standards for particulate matter and lead). Federal standards are applicable , but implemented through regional air quality programs. These standards would be directly applicable to any fugitive dust emissions generated as part of	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
		remedial actions involving soil excavations.	
Clean Air Act: National Emission Standards for Hazardous Air Pollutants	40 CFR Part 61	Establishes emission standards for designated hazardous pollutants, including mercury, beryllium, and inorganic arsenic. Potentially relevant and appropriate for emissions containing arsenic from a treatment system	No/Yes
Proposition 65: The Safe Drinking Water and Toxics Enforcement Act	Health and Safety Code Section 25249.5 et seq.	Prohibits release or discharge of any chemical "known to the state to cause cancer or reproductive toxicity" and listed by the state as subject to the act, to a potential source of drinking water."	Yes/Yes
LOCATION SPECIFIC ARARS			
Regional Water Quality Control Board, San Francisco Bay Region	Adoption of Site Cleanup Requirements Order 98-009	Adopted February 18, 1998. The order sets forth a task and time schedule to evaluate existing IRMs, complete remedial investigation activities, prepare risk assessment, and propose final remediation actions for the site.	Yes/Yes
State Water Resources Control Board (SWRB) Resolution 68-16 "Statement of Policy with Respect to Maintaining High Quality of Waters in California"	SWRB Resolution 68-16	This Board resolution formalizes a policy of water quality non-degradation in the state of California. The policy requires maintenance of existing water quality unless it is demonstrated that "any change will be consistent with maximum benefit to the people of the State, will not unreasonably affect present and anticipated beneficial use of such water and will not result in water quality less than that prescribed in the policies." Any discharges of treated waters must meet the best practicable treatment or control of the discharge necessary to ensure that "(a) a pollution or nuisance will not occur and (b) the highest water quality consistent with the maximum benefit to the people of the state will be maintained." This policy is directly applicable because of its reference in the	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
		SFBRWQCB Adoption of Site Cleanup Requirements ,Order 98-009, for the site.	
State Water Resources Control Board (SWRB) Resolution 92 - 49 "Policies and Procedures for Investigation and Cleanup of Discharges under Water Code Section 13304	SWRB Resolution 92-49	This Board Resolution contains detailed guidance to the Regional Water Quality Boards on the procedures to be used in cleanup and abatement of potential waste sites. These policies and procedures apply to all investigations, and cleanup and abatement activities, for all types of discharges subject to Section 13304 of the Water Code. Significant issues include the following: "I(26)...in some cases, attainment of applicable water quality objectives for ground water cannot reasonably be achieved. In these cases, the State Water Board determines that establishment of a containment zone is appropriate and consistent with the maximum benefit to the people of the State if applicable requirements contained in the Policy are satisfied." "III. G. The discharger is required to take all actions necessary to prevent the migration of pollutants beyond the boundaries of the containment zone in which exceed water quality objectives. The discharger must verify containment with an approved monitoring program and must provide reasonable mitigation measures to compensate for any significant adverse environmental impacts attributable to the discharge. Examples of sites which may qualify for contaminant zone designation include but are not limited to, sites where either strong sorption of pollutants on soils, pollutant entrapment (e.g. dense non-aqueous phase liquids (DNAPLs)), or complex geology due to the heterogeneity or fractures indicate that cleanup to applicable water quality objectives cannot be reasonably achieved." The policy also details the public participation requirements that apply to the Regional Water Quality Board decision making process. This policy is directly applicable because of its reference in the SFBRWQCB Adoption of Site Cleanup Requirements ,Order 98-	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
		009, for the site.	
State Water Resources Control Board (SWRB) Resolution 88-63 "Sources of Drinking Water"	SWRB Resolution 88-63	This Board Policy established that all surface and ground waters of the State are considered to be suitable, or potentially suitable, for municipal or domestic water supply and should so be designated by the Regional Boards with the exception of surface and ground waters where one of the following three conditions apply: 1) The total dissolved solids (TDS) exceed 3,000 mg/L (5,000 uS/cm, electrical conductivity) and it is not reasonably expected by Regional Boards to supply a public water system, or 2) There is contamination, either by natural processes or by human activity (unrelated to the specific pollution incident), that cannot be reasonably be treated for domestic use using either Best Management Practices or best economically achievable treatment practices, or 3) The water source does not provide sufficient water to supply a single well capable of producing an average sustained yield of 200 gallons per day. This policy is directly applicable because of its reference in the SFBRWQCB Adoption of Site Cleanup Requirements ,Order 98-009, for the site.	Yes/Yes
State Water Resources Control Board (SWRB) Resolution 88-160 (89-21) "Discharge of Extracted Ground Water from Ground Water Cleanup Projects"	SWRB Resolution 88-160	This Board resolution allows the discharge of extracted treated ground water from site cleanups to surface waters only after a demonstration that neither reclamation nor discharge to the sanitary sewer system is technically or economically justifiable.	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
California San Francisco Bay Regional Water Quality Control Board: SF Basin (Region 2) Water Quality Control Plan 6/21/98	SF Basin (Region 2) Water Quality Control Plan 23 CCR 3912	The SF Basin Water Quality Control Plan details the water quality objectives, implementation plan, policies and surveillance and monitoring program which is necessary to protect the San Francisco Bay Esturine system. The plan also includes specific guidelines for cleanup of polluted sites. This policy is directly applicable because of its reference in the SFBRWQCB Adoption of Site Cleanup Requirements ,Order 98-009, for the site.	Yes/Yes
Archaeological and Historic Preservation Act	16 USC S469, 40 CFR § 6.301(c)	Establishes procedures to provide for preservation of historical and archaeological data which might be destroyed through alteration of terrain as a result of a Federal construction project or a Federally licensed program or activity. This statute is relevant only if portions of the site are in National Historic Preservation areas.	No/Yes
Public Resource Code	Section 5097.99	No person shall obtain or possess any Native American artifacts or human remains which are taken from a Native American grave or cairn.	No/Yes
National Historic Preservation Act	16 USC S470, 40 CFR § 6.301(c)	Requires Federal agencies to take into account the effect of any Federally-assisted undertaking or licensing on any district, site, building, structure, or object that is included in or eligible for the Register of Historic Places. This statute would be relevant to remedial alternatives which would potentially affect any historic places.	No/Yes
Historic Sites, Buildings and Antiquities Act	16 USC §461-467, 40 CFR § 6.301(c)	Requires Federal Agencies to consider the existence and location of landmarks on the National Registry of National to avoid undesirable impacts on such landmarks. Although not applicable , consideration of this statute would be relevant to remedial actions which may impact such landmarks	No/Yes
Fish and Wildlife Coordination Act	16 USC §661-666, 40	Requires consultation when Federal department or agency proposes or authorizes any modification of any stream or other water body and adequate provision for protection of	No/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
	CFR § 6.301(c)	fish and wildlife resources. Although not applicable , consideration of this statute would be relevant to remedial actions which may impact streams such as Temescal Creek	
Endangered Species Act	16 USC § 1531-1543, 50 CFR Parts 17, 402,	Requires that Federal agencies ensure that any action authorized, funded, or carried out by the agency is not likely to jeopardize the continued existence of any threatened or endangered species or destroy or adversely modify critical habitat.	No/Yes
Endangered Species Act	Fish and Game Code 2090	Ensures that any action authorized, funded, or carried out by an agency is not likely to jeopardize the continued existence of any threatened or endangered species or destroy or adversely modify critical habitat.	No/Yes
ACTION-SPECIFIC ARARS FOR HAZARDOUS WASTE EXCAVATION, IDENTIFICATION, TRANSPORTATION AND DISPOSAL			
Clean Water Act National Pretreatment Standards	40 CFR Part 403	Establishes chemical-specific standards to control pollutants which pass through or interfere with treatment processes in publicly owned treatment works. Directly applicable to FS alternatives developed which involve water discharge to POTW systems	No/Yes
California Hazardous Waste Control Act	Health and Safety Code, Division 20, Chapter 65	The State of California has primacy authorized by EPA to implement the majority of the RCRA hazardous waste management program within California. The statutory basis for California's hazardous waste program is contained within the California Health and Safety Code S25100 et. seq.	Yes/Yes
Identification and Listing of	22 CCR 6626.10 et seq. Federal: 40 CFR	These state and federal statutes define the tests to be used to determine if solid wastes generated during site investigations or remediation are to be considered hazardous	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
Hazardous Waste	Part 261	wastes. This includes the specification of the Toxicity Characteristic Leaching Procedure (TCLP) , the California Soluble Threshold Limit Concentrations (STLCs) and Total Threshold Limit Concentrations (TTLCs) for determination of hazardous wastes.	
Standards Applicable to Generators of Hazardous Waste	Federal:40 CFR Part 262 22 CCR 66262.10 et seq.	These state and federal statutes establish standards for generators of hazardous waste.	Yes/Yes
California Underground Storage Tank Removal Regulations	Subchapter 16, Title 23 CCR	Establishes cleanup procedures and standards for the removal of any underground storage tanks at the site.	Yes/Yes
California Expedited Remedial Action Reform Act of 1994	Senate Bill 923 , Division 20 Chapter 6.85 of the Health and Safety Code	Established a pilot program, known as the Expedited Remedial Action Program (ERAP) for the cleanup of hazardous substance release sites using alternate procedures to those specified in Chapter 6.8 of the Health and Safety Code. The Program is limited to sites where the Department of Toxic Substance Control (DTSC) is the lead agency so it is not applicable to this site but is relevant and appropriate for guidance. The stated principle ERAP benefits include: • Land use is designated early in the project; • Remedy selected is based on planned land use contingent upon formal land use restrictions; • Promotes early public notification and input; • Site boundaries may be modified to release clean parcels for development after a Remedial Action Plan has been approved; • Indemnification of participating responsible persons through a covenant not to sue; • Apportionment of liability is based on fair and equitable principals; • Formal dispute resolution process available to responsible persons, members of the	No/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
		public and the affected community; • Consolidated permitting and certification for all state and local agencies through DTSC	
Occupational Safety and Health Act	29 USC S 651-678	Regulates worker health and safety. Contains specific sections on permissible exposure limits for workers for specific constituents such as inorganic lead and inorganic arsenic. Requires minimum training in hazardous materials health and safety for workers at CERCLA and RCRA hazardous waste site cleanups.	Yes/Yes
Unified Agency Review of Hazardous Materials Release Sites	Health and Safety Code, Division 20, Chapter 6.6.5, Section 25260 et seq.	A Responsible Party who agrees to carry out a site investigation and remedial action may request a committee to designate a single state or local agency to oversee the cleanup action. Cal/EPA Resolution 97-12 dated July 31, 1997 designated RWQCB as the administering agency for the site.	Yes/Yes
California Occupational Safety and Health Act	California Code of Regulations, Title 8, Section 5192 et seq.	Workers involved in hazardous substance operations associated with cleanup of sites must perform these operations in accordance with the health and safety requirements of Cal/OSHA.	Yes/Yes
Remediation Waste Staging	Health and Safety Code, Division 20, Chapter 6.5, Section 25123.3(a)(2), (b)(4)(B) and (e)	Allows for temporary accumulation of non-RCRA contaminated soil that is generated and held on site, and that is accumulated for the purpose of on-site treatment or storage provided that specific criteria are met.	Yes/Yes
The Hazardous Waste Permit Program	22 CCR, Division 4.5, Chapter 20	Establish the provisions for the issuance and administration of hazardous waste permits. Applicable to the Site, Site investigation, or remedial operations only to the extent that contaminated soil or other potentially hazardous wastes may be generated at the Site.	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
Porter-Cologne Water Quality Control Act	Chapter 4, Article 4, Section 13263.2	Exempts a facility with treatment of groundwater which qualifies as a hazardous waste, from hazardous waste facility permit requirements if that treatment is pursuant to a Cleanup and Abatement Order.	No/Yes
Requirements for Units and Facilities Deemed to have a Permit by Rule	22 CCR, Division 4.5, Chapter 45	On-site treatment and on-site disposal of site soil and groundwater may be designed and implemented within the RAP process. Such a treatment may include the use of Transportable Treatment Units (TTUs). However, the extent of treatment in a TTU would be determined through the RAP process, and not subject to hazardous waste standards. The use of TTUs that are permitted for hazardous waste treatment may provide assurance that the TTU will meet performance criteria.	No/Yes
Corrective Action Management Units	California Regulations, Title 22, Division 4.5, Chapter 14, Article 15.5, 66264.552	For the purposes of implementing corrective actions, the removal or remedial action at a site has been excluded from the hazardous waste facilities permit required by the Health and Safety code, or federal RCRA. An area can be designated as a corrective action management unit. Placement of remediation wastes into or within a corrective action management unit does not constitute land disposal of wastes.	Yes/Yes
ACTION-SPECIFIC ARARs FOR WATER DISCHARGES			
Underground Injection Control Act	40 CFR 144 &146	Regulates the injection of hazardous waste or treated ground water. The UIC regulations specifically allow the injection of ground water that has been treated and is being reinjected into the same formation from which it was withdrawn, subject to EPA approval of the reinjection as a CERCLA remedial action (40 CFR 144.13 (e)	No/Yes
Clean Water Act, WDRS: Standards for Discharges to Surface	40 CFR Parts 122-125 23 CCRS 2200-	Requires permits for the discharge of pollutants from any point source into waters of the United States. The permits contain effluent water quality standards which must be met	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
Water under NPDES permits	2235.4	for treatment systems with outfalls to surface waters or storm drains. The site has an existing NPDES permit for non-point stormwater discharges.	
California Toxic Injection Well Control Act	Health and Safety Code, Division 20, Chapter 6.5, § 25159.1-25159.25	This statute exempts from regulation reinjection into the same formation from which the water was drawn if the reinjection is conducted as an approved remedial action for the purpose of improving the quality of groundwater in the formation.	Yes/Yes
California Best Available Technologies for Inorganic Chemicals in Drinking Water Supplies	CCR Title 22, Division 4, Chapter 15, S64447.2	This statute specifies appropriate treatment technologies for arsenic contaminated drinking water supplies. Best Available Technologies for arsenic are defined as activated alumina, coagulation/filtration, ion exchange, lime softening, and reverse osmosis.	No/Yes
ACTION-SPECIFIC ARARS FOR AIR EMISSIONS			
Bay Area Air Quality Management District: Regulation 2 Permits Regulation 6 Particulate Matter and Visible Emissions Regulation 7 Odorous Substances Regulation 8 Organic Compounds Regulation 9 Inorganic Gaseous Pollutants Regulation 11 Hazardous Pollutants		These regulations address the permitting required for treatment units located at the site which would have the potential for air emissions. These regulations also apply to permissible odor and dust impacts to the surrounding community during remediation activities such as contaminated soil excavation.	Yes/Yes

TABLE 3-1 SUMMARY OF POTENTIAL APPLICABLE, RELEVANT, APPROPRIATE STANDARDS AND REQUIREMENTS SHERWIN-WILLIAMS (ARARS) FOR REMEDIAL INVESTIGATION
Sherwin-Williams, Co.
Emeryville, California

Potential ARAR Standard, Requirement, Criteria, or Limitation	Regulatory Citation	Description and Comments	Potential Applicable/Relevant and Appropriate Standards and Requirements
LOCAL REQUIREMENTS			
Emeryville POTW discharge Standards	Local Ordinance	Direct discharges to the Emeryville POTW system will have to comply with discharge limitations and pretreatment requirements	Yes/Yes
City of Emeryville grading permit	California Environmental Quality Act (CEQA), Public Resources Code, Division , Division 13, Section 21000 et. Seq.	Grading permits will be required prior to any on-site excavation of contaminated soils.	Yes/Yes
Alameda County Flood Control and Water Conservation District (Zone 7)		Well decommissioning and removal protocols	Yes/Yes

Table 3-2: Potentially Exposed Human Populations and Exposure Pathways for Current Exposure Scenarios

Potentially Exposed Population	Inhalation				Dermal				Ingestion			
ONSITE (Facility)	Vapors from Groundwater	Vapors from Subsurface Soil	Soil Particulates	Vapors from Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]
Construction/Maintenance Workers	Yes[b]	Yes[b]	Yes[d]	No[e]	Yes[d]	No[g]	Yes[f]	No[c]	Yes[d]	No[g]	No[f]	No[c]
Industrial/Commercial Workers	Yes[h]	Yes[h]	Yes[c]	No[e]	Yes[c]	No[g]	No[i]	No[e]	Yes[c]	No[g]	No[i]	No[e]

[a] Refers to Temescal Creek

[b] If volatile constituents are present in subsurface soil or groundwater, they can volatilize and move up through the vadose zone. Therefore, during intrusive soil activities, workers could be exposed to vapors.

[c] The site is currently capped, and onsite industrial/commercial workers do not engage in intrusive soil activities. However, small gaps between asphalt and rails could result in airborne dust. This contact would be so minor, that it does not warrant quantification of exposure.

[d] Intrusive soil activities could result in exposure to subsurface soil via incidental ingestion, dermal contact and inhalation of soil particulates.

[e] The closest surface water body is Temescal Creek, which is offsite. Onsite receptors will not be working in Temescal Creek.

[f] If groundwater were encountered during intrusive soil activities, in order for activities to continue, dewatering activities would take place. Therefore, potential direct exposures to groundwater would be minimal.

[g] Sediments are assumed to be present offsite in Temescal Creek. On-site receptors would not be working in Temescal Creek. Therefore, the pathway is assumed to be incomplete.

[h] Some areas of the site have detected concentrations of VOCs in groundwater or soil. Vapors can migrate up through the vadose zone. However, in the absence of intrusive soil activity, the exposure is likely to be minimal. In addition, OSHA work place monitoring addresses this potential exposure, and the pathway will not be quantitated.

[i] The shallow groundwater does not have any beneficial use in this area. In the absence of intrusive soil activity, direct contact with groundwater is an incomplete pathway.

Table 3-2: Potentially Exposed Human Populations and Exposure Pathways for Current Exposure Scenarios

Potentially Exposed Population	Inhalation				Dermal				Ingestion			
ONSITE (Rifkin Property)	Vapors from Groundwater	Vapors from Subsurface Soil	Soil Particulates	Vapors from Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]
Construction/Maintenance Workers	Yes[b]	Yes[b]	Yes[d]	No[c]	Yes[d]	No[g]	Yes[f]	No[c]	Yes[d]	No[g]	No[f]	No[c]
Industrial/Commercial Workers	Yes[h]	Yes[h]	No[c]	No[c]	No[c]	No[g]	No[i]	No[c]	No[c]	No[g]	No[i]	No[c]

[a] Refers to Temescal Creek

[b] If volatile constituents are present in subsurface soil or groundwater, they can volatilize and move up through the vadose zone. Therefore, during intrusive soil activities, workers could be exposed to vapors.

[c] The Rifkin Property is currently paved and is used as a parking lot. Industrial/commercial workers do not engage in intrusive soil activities. Therefore, exposure to constituents in surface soil is considered incomplete. However, volatile constituents in subsurface soils could potentially migrate through the pavement, but this exposure would be minimal.

[d] Intrusive soil activities could result in exposure to subsurface soil via incidental ingestion, dermal contact and inhalation of soil particulates.

[e] The closest surface water body is Temescal Creek, which is offsite. Onsite receptors will not be working in Temescal Creek.

[f] If groundwater were encountered during intrusive soil activities, in order for activities to continue, dewatering activities would take place. Therefore, potential direct exposures to groundwater would be minimal.

[g] Sediments are assumed to be present offsite in Temescal Creek. On-site receptors would not be working in Temescal Creek. Therefore, the pathway is assumed to be incomplete.

[h] Some areas of the site have detected concentrations of VOCs in groundwater or soil. Vapors can migrate up through the vadose zone. However, in the absence of intrusive soil activity, the exposure is likely to be minimal.

[i] The shallow groundwater does not have any beneficial use in this area. In the absence of intrusive soil activity, direct contact with groundwater is an incomplete pathway.

Table 3-2: Potentially Exposed Human Populations and Exposure Pathways for Current Exposure Scenarios

Potentially Exposed Population	Inhalation				Dermal				Ingestion			
OFFSITE	Vapors from Groundwater	Vapors from Subsurface Soil	Soil Particulates	Vapors from Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]
Construction/Maintenance Workers	Yes[b]	No[c]	No[c]	No[d]	No[c]	Yes[d]	Yes[e]	Yes[d]	No[c]	No[d]	No[e]	No[d]
Residents	Yes[f]	No[c]	No[c]	No[d]	No[c]	No[d]	No[g]	No[d]	No[c]	No[d]	No[g]	No[d]
Recreational User (along Temescal Creek)	No	No	No	No[d]	No	Yes[d]	No	Yes[d]	No	No[d]	No	No[d]
Industrial/Commercial Workers	Yes[f]	No[c]	No[c]	No[d]	No[c]	No[d]	No[g]	No[d]	No[c]	No[d]	No[g]	No[d]
Utility Workers	Yes[b]	No[c]	No[c]	No[d]	No[c]	Yes[d]	Yes[e]	Yes[d]	No[c]	No[d]	No[e]	No[d]

[a] Refers to Temescal Creek

[b] If volatile constituents are present in groundwater, they can volatilize and move up through the vadose zone. Therefore, during intrusive soil activities, workers could be exposed to vapors.

[c] Due to the IRMs, onsite soil constituents are not present in offsite soil.

[d] If groundwater is migrating offsite to surface water and sediment at Temescal Creek, construction/maintenance workers, utility workers and recreators could be dermally exposed to onsite constituents. Due to the shallow depth of the creek, wading activities are assumed to occur. However, swimming is not likely to occur. Therefore, ingestion and inhalation of constituents in surface water and sediment are not complete exposure pathways. Primary constituents of concern for migration to the creek are inorganic metals. Vapor exposure is not complete for surface water, and metals have a low dermal absorption and dermal exposure will not be quantified.

[e] If groundwater were encountered during intrusive soil activities, in order for activities to continue, dewatering activities would take place. Therefore, potential direct exposures to groundwater would be minimal.

[f] If volatile constituents are present in off-site groundwater, vapors in groundwater could move up through the vadose zone into outdoor air and through a building's foundation into indoor air.

[g] Groundwater is not a potable source.

Table 3-3: Potentially Exposed Human Populations and Exposure Pathways for Future Exposure Scenarios

Potentially Exposed Population	Inhalation				Dermal				Ingestion			
ONSITE (Facility)	Vapors from Groundwater	Vapors from Subsurface Soil	Soil Particulates	Vapors from Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]	Soil	Sediment[a]	Groundwater	Surface Water[a]
Construction/Maintenance Workers	Yes[b]	Yes[b]	Yes[d]	No[e]	Yes[d]	No[g]	Yes[f]	No[e]	Yes[d]	No[g]	No[f]	No[e]
Industrial/Commercial Workers	Yes[h]	Yes[c]	Yes[c]	No[e]	Yes[c]	No[g]	No[h]	No[e]	Yes[c]	No[g]	No[h]	No[e]
ONSITE (Rifkin Property)												
Construction/Maintenance Workers	Yes[b]	Yes[b]	Yes[d]	No[e]	Yes[d]	No[g]	Yes[f]	No[e]	Yes[d]	No[g]	No[f]	No[e]
Industrial/Commercial Workers	Yes[h]	Yes[c]	Yes[c]	No[e]	No[h]	No[g]	No[h]	No[e]	No[h]	No[g]	No[h]	No[e]
OFFSITE												
Recreational Users	No[e]	No[e]	Yes[i]	No[e,i]	Yes[i]	Yes[g,i]	No[i]	Yes[e,i]	No[i]	No[g,i]	No[i]	No[e,i]
Construction/Maintenance Workers	Yes[b]	No[k]	Yes[d]	No[e]	Yes[d,l]	No[g]	Yes[f]	No[e]	Yes[l]	No[g]	No[f]	No[e]
Residents	Yes[h]	No[k]	Yes[c]	No[e]	Yes[c]	No[g]	No[j]	No[e]	No[k]	No[g]	No[j]	No[e]
Industrial/Commercial Workers	Yes[h]	No[k]	Yes[c]	No[e]	No[k]	No[g]	No[j]	No[e]	No[k]	No[g]	No[j]	No[e]
Utility Workers	Yes[b]	No[k]	Yes[d]	No[e]	Yes[d]	Yes[g,m]	Yes[f]	Yes[e,m]	Yes[l]	No[g]	No[f]	No[e]

Table 3-3: Potentially Exposed Human Populations and Exposure Pathways for Future Exposure Scenarios (continued)

a. Refers to Temescal Creek
b. If volatile constituents are present in subsurface soil or groundwater during intrusive soil activities, workers could be exposed vapors.
c. Under future site conditions, the site cap (IRM) is assumed to be absent. Therefore, potential onsite receptors could be exposed to constituents in the surface and subsurface soils. Also offsite receptors could be minimally exposed to site constituents due to particulate emissions from surface soil at the site. Inhalation of soil particulates and vapors from subsurface and surface soil are assumed to be complete on-site pathways, along with derman contact and indicental ingestion. In addition, it is unlikely that volatile constituents in onsite soils would migrate to offsite receptors in significant quantities.
d. Intrusive soil activities could result in exposure to surface soil via incidental ingestion, dermal contact and inhalation of soil particulates.
e. The closest surface water body considered in this evaluation is Temescal Creek, which is offsite. Onsite receptors will not be working in Temescal Creek. In addition, the only offsite receptor potentially present in Temescal Creek are the utility worker and the recreational user. Due to the shallow depth of the Creek, the offsite receptors are only assumed to have dermal contact with surface water. Ingestion and inhalation of surface water constituents are considered incomplete pathways.
f. If groundwater were encountered during intrusive soil activities, dewatering activities would occur before the work could progress. Therefore, potential dermal exposure to groundwater would be minimal and ingestion of groundwater is considered an incomplete exposure pathway.
g. Sediments are assumed to be present offsite in Temescal Creek. Onsite receptors would not be working in Temescal Creek. Therefore, the pathway is assumed to be incomplete. The only offsite receptor potentially present in the Creek are the utility worker and the recreational user. Due to the shallow depth of the Creek, only wading activities are assumed to occur, therefore the only complete exposure pathway is dermal contact with sediment. Since no swimming is assumed to occur, ingestion of sediment is assumed to be an incomplete exposure pathway.
h. These receptors are not assumed to engage in intrusive soil activities. Therefore, they will not have direct exposure to soil and/or groundwater. However, volatile constituents may migrate off-site in groundwater, and may volatilize into the vadose zone, where inhalation exposure can occur.
i. Recreational users are assumed to engage in wading activities where they could be exposed to constituents in surface water and sediments in Temescal Creek. Due to the shallow depth of the Creek, they are not assumed to swim in it. Therefore, ingestion of surface water and sediment are considered incomplete exposure pathways. If semi-volatile constituents and metals from the site are present in surface water and/or sediments in Temescal Creek, receptors could be exposed through dermal contact with the affected media. This receptor is not assumed to have direct contact with onsite soil and groundwater. They may be exposed to onsite constituents through inhalation of particulates due to fugitive emissions.
j. Groundwater is not a potable source of water. Therefore, exposure to groundwater is assumed to be an incomplete pathway.
k. There receptors are not conducting intrusive work and would not directly contact subsurface soil. Volatile constituents have not been shown to be present in off-site subsurface soil and do not appear to be migrating laterally in soil.
l. Under future site conditions, the slurry wall and groundwater treatment system are assumed to be absent. Therefore, constituents present in groundwater could potentially migrate offsite. During intrusive soil activities, workers could be exposed to constituents migrating from groundwater into subsurface soils.
m. Offsite utility workers could potentially engage in construction/maintenance activities along Temescal Creek. Therefore, utility workers could be exposed to constituents in sediment and surface water through direct dermal contact with the media. Exposure through the incidental ingestion pathway is minimal.

TABLE 3-4: INITIAL LIST OF POTENTIAL GENERAL RESPONSE ACTIONS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Media	Potential General Response Action	Typical Remedial Technologies Considered (examples, not inclusive list)
SOIL	NO FURTHER ACTION	Interim remedial actions
	INSTITUTIONAL CONTROLS	Access/Use restrictions
	CONTAINMENT ACTIONS	Surface caps, subsurface barriers
	EXCAVATION AND OFF-SITE DISPOSAL	Excavation, disposal
	ON-SITE STABILIZATION	Soil-cement stabilization
	IN-SITU FIXATION	Geochemical fixation Enhanced natural attenuation
MAN-MADE CONDUITS	NO FURTHER ACTION	Interim remedial actions
	REMOVAL/REPLACEMENT	Excavation/replacement of key sections with impermeable material
	CONTROL	Grout collars for bedding sand, sealing walls of active lines, plugging inactive lines.
GROUNDWATER	NO FURTHER ACTION	Interim remedial actions
	INSTITUTIONAL CONTROLS	Access/Use restrictions
	CONTAINMENT ACTIONS	Surface caps, subsurface walls
	COLLECTION ACTIONS	Extraction wells, extraction trenches
	TREATMENT/DISCHARGE	Physical/chemical treatment, NPDES discharge
	IN-SITU TREATMENT	Reactive wall, geochemical fixation enhanced natural attenuation

TABLE 5-1: PROPOSED SAMPLING LOCATIONS (A-Unit)

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Location Identifier	Sampled Media (1)	Analysis (2)	General Comments and Locations of Interest
A	Soil, Groundwater (monitoring well location)	SVOCs, PCBs, metals	Investigate potential area of 1929 incinerator (if ever present?). Monitor southern facility boundary. Provide data for risk assessment for outside slurry wall operable unit.
B	Soil, Groundwater	SVOCs, VOCs, metals	Investigate raw material storage and packing building, and building #35. Investigate old stormwater lines. Provide data for risk assessment for outside slurry wall operable unit.
C	Soil, Groundwater	SVOCs, VOCs, metals	Investigate varnish and material storage buildings, and tank area. Investigate old stormwater lines. Provide data for risk assessment for outside slurry wall operable unit.
D	Soil, (EX-10 provides groundwater)	PCBs, SVOCs, VOCs	Investigate 1929 gasoline tank, former transformer location, and stormwater lines. Provide data for risk assessment for inside slurry wall operable unit.
E	Soil, Groundwater	SVOCs, VOCs, metals	Investigate paint manufacturing building, and old sewer line. Provide data for risk assessment outside slurry wall operable unit.

TABLE 5-1: PROPOSED SAMPLING LOCATIONS (A-Unit)

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Location Identifier	Sampled Media (1)	Analysis (2)	General Comments and Locations of Interest
F	Soil, Groundwater	SVOCs, VOCs, metals	Investigate solvent storage tanks and potential conveyance lines, plus stormwater lines. Provide data for risk assessment for inside slurry wall operable unit.
G	Soil, Groundwater	SVOCs, VOCs, metals	Investigate railroad area, potential solvent line, and stormwater line. Provide data for risk analysis of inside slurry wall operable unit.
H	Soil, Groundwater	SVOC, VOCs, metals	Investigate varnish manufacturing area, raw material storage area, storm lines, and sewer lines. Provide data for risk assessment of outside slurry wall operable unit.
I	Soil, Groundwater	SVOCs, VOCs, metals	Investigate varnish manufacturing areas, and yard storage area. Provide data for risk assessment for outside slurry wall operable unit.
J	Soil, Groundwater	SVOCs, VOCs, metals	Investigate yard area, empty drum storage area, and sewer lines. Provide data for risk assessment for outside slurry wall operable unit.
K	Soil, Groundwater	SVOCs, VOCs, metals	Investigate drum storage area, tank area, paint manufacturing area, and sewer lines. Provide data for risk assessment for outside slurry wall operable unit.
L	Soil, Groundwater	SVOCs, VOCs, metals	Investigate building 35, storm water line, and old Southern Pacific railroad line area. Provide data for risk assessment for outside slurry wall operable unit.

TABLE 5-1: PROPOSED SAMPLING LOCATIONS (A-Unit)

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Location Identifier	Sampled Media (1)	Analysis (2)	General Comments and Locations of Interest
M	Soil, Groundwater	SVOCs, VOCs, metals	Investigate building 35, storm water line, and old Southern Pacific railroad line area. Provide data for risk assessment for outside slurry wall operable unit.
N	Soil, Groundwater	SVOCs, VOCs, metals	Investigate building 35, storm water line, water line, and old Southern Pacific railroad line area. Provide data for risk assessment for outside slurry wall operable unit.
O	Soil, Groundwater	SVOCs, VOCs, metals	Investigate building 35, storm water line, and old Southern Pacific railroad line area. Provide data for risk assessment for outside slurry wall operable unit.
P	Soil, Groundwater (monitoring well)	SVOCs, VOCs, metals	Investigate western facility boundary. Provide data for risk assessment for outside slurry wall operable unit.
Q	Soil, Groundwater (monitoring well)	SVOCs, VOCs, metals	Investigate western facility boundary. Provide data for risk assessment for outside slurry wall operable unit.
R	Soil, Groundwater (monitoring well)	SVOCs, VOCs, metals	Investigate southwestern facility boundary. Provide data for risk assessment for outside slurry wall operable unit.
S	Sediment, Surface water (high and low tide conditions) (4)	As, Pb, Cd (dry weight) (3)	Investigate eastern background conditions in Temescal Creek. Provide data for ecological evaluation.
T	Sediment, Surface water (high and low tide conditions)	As, Pb, Cd (dry weight)	Investigate background conditions in Temescal Creek east of railroad tracks. Provide data for ecological evaluation.

TABLE 5-1: PROPOSED SAMPLING LOCATIONS (A-Unit)

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

Location Identifier	Sampled Media (1)	Analysis (2)	General Comments and Locations of Interest
U	Sediment, Surface water (high and low tide conditions)	As, Pb, Cd (dry weight)	Investigate background conditions in Temescal Creek west of railroad tracks. Provide data for ecological evaluation.
V	Soil, Groundwater	SVOCs, VOCs, metals	Investigate south eastern facility boundary. Provide data for risk assessment outside slurry wall.
W	Soil, Groundwater	SVOCs, VOCs, metals	Investigate conditions along boundary with Rifkin property.

Notes:

(1) Soil samples taken at depth of less than 2 feet bgs, and between 2 feet bgs and groundwater table. Groundwater sample taken from A-zone

(2) Soil and groundwater sampling analysis by:

VOCs: EPA Method 8260
SVOCs: EPA Method 8270
PCBs: EPA Method 8080
Metals: EPA method 6010/7000*
*Groundwater samples are to be filtered with a 0.45 micron filter prior to preservation, either in the field or by the laboratory.

(3) Sediment samples are to be reported as Dry Weight, because relevent background data is presented in dry weight.

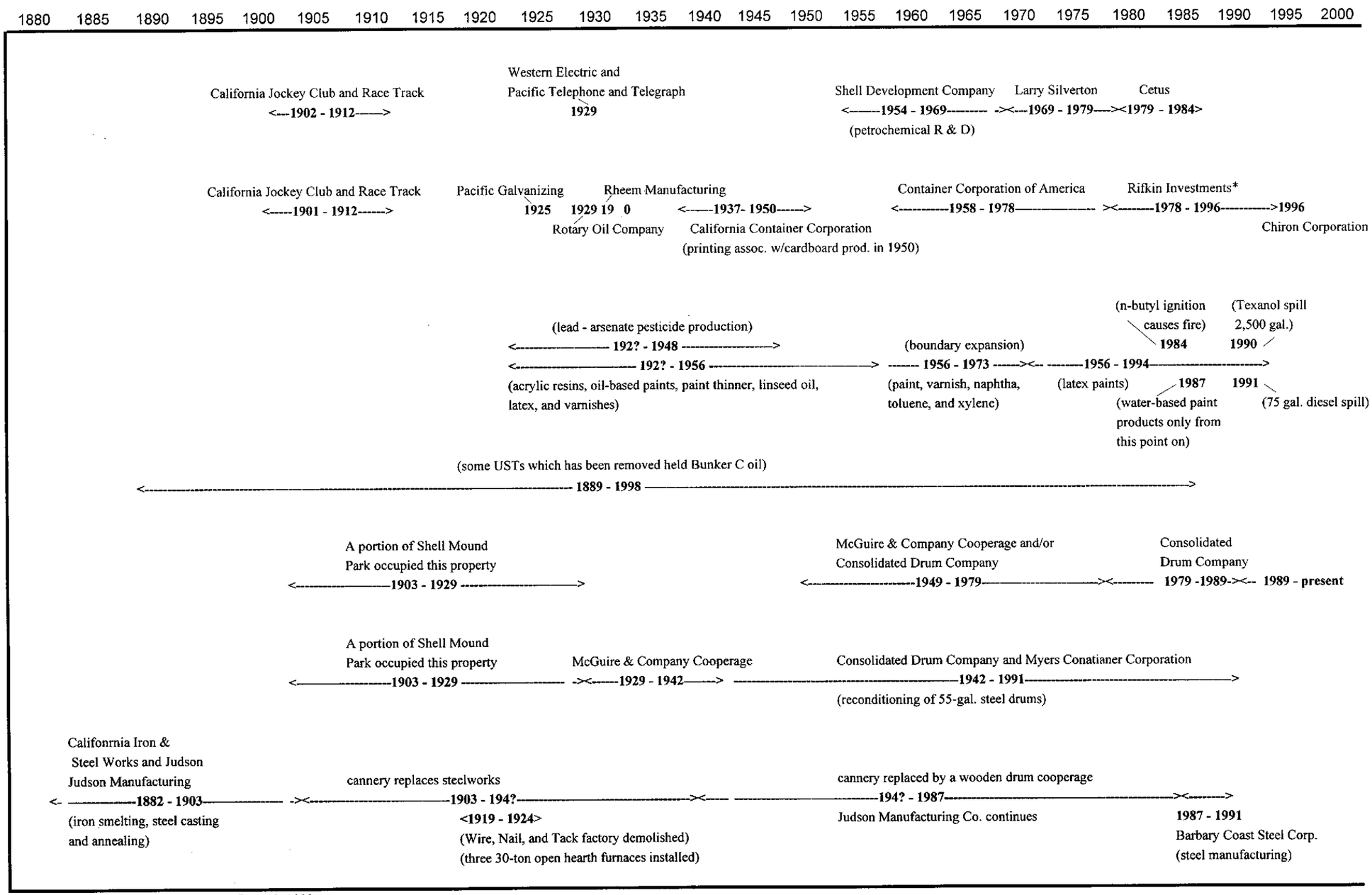
(4) Sampling methodology for Temescal flood control channel provided in Section 5.3.6

(5) See Figure 5-1 for sample locations.

APPENDIX A

PROPERTY TIMELINES
(CONTAINS FIGURES A-1 THROUGH A-9)

FIGURE A-1: Site Use History for Sherwin-Williams and Adjacent Properties (CCR)

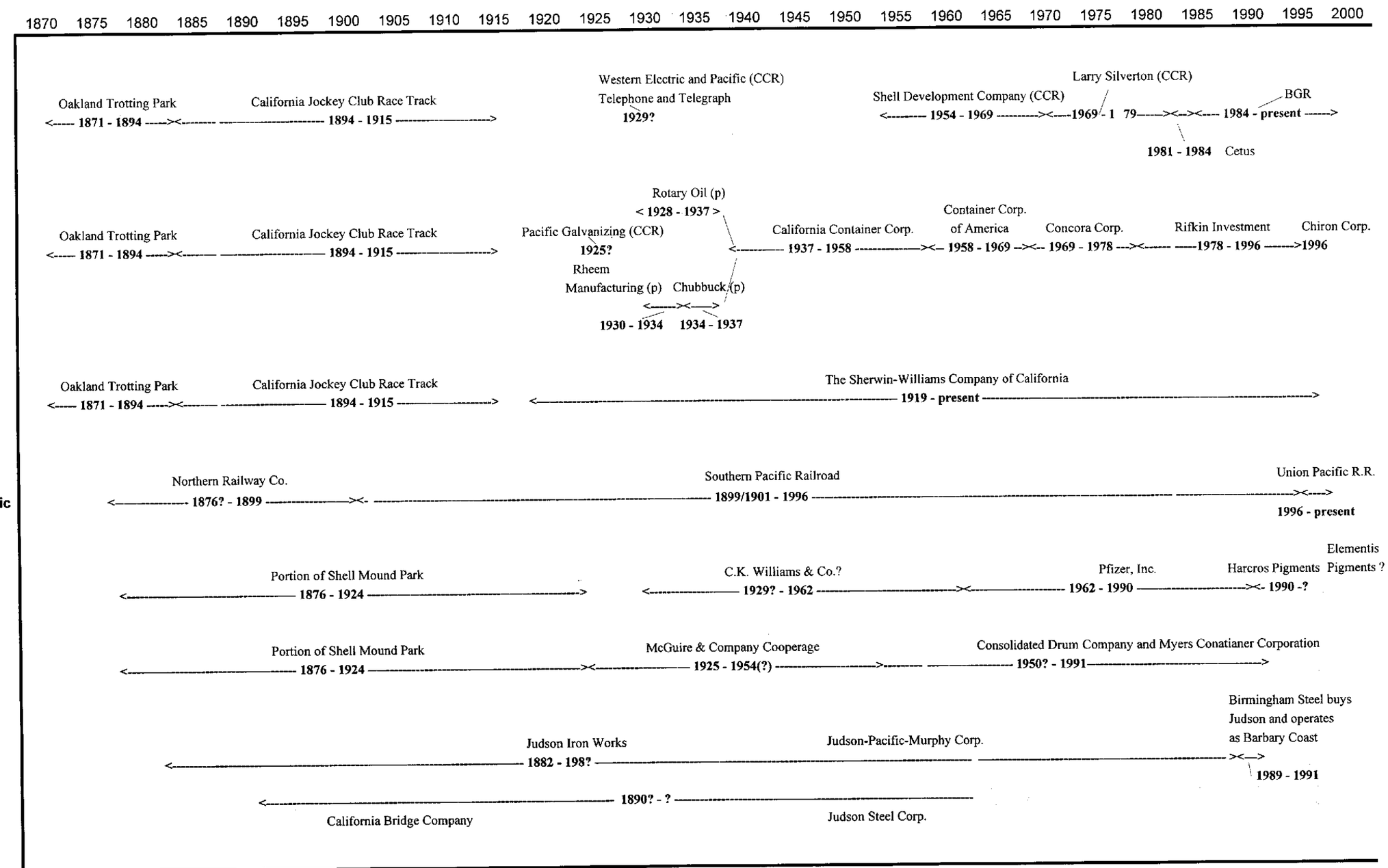


Source: LFR Current Conditions Report June 19, 1998

* - Uses under Rifkin Investments:
small furniture refinisher, silk screen company, automobile body and paint shop, and foreign auto parts distributor

Legend: ( ) - events, uses, or products produced on site
- data gaps

FIGURE A-2: Site Use History for Sherwin-Williams and Adjacent Properties (revised)



Sources: ENTRIX, Inc. See Timelines for Individual Properties

Legend: ? - data accuracy uncertain

. - data gaps

(CCR) - LFR Current Conditions Report June 14, 1998 only identified source and date

f:/shared/maxfield/other_sw/shermill

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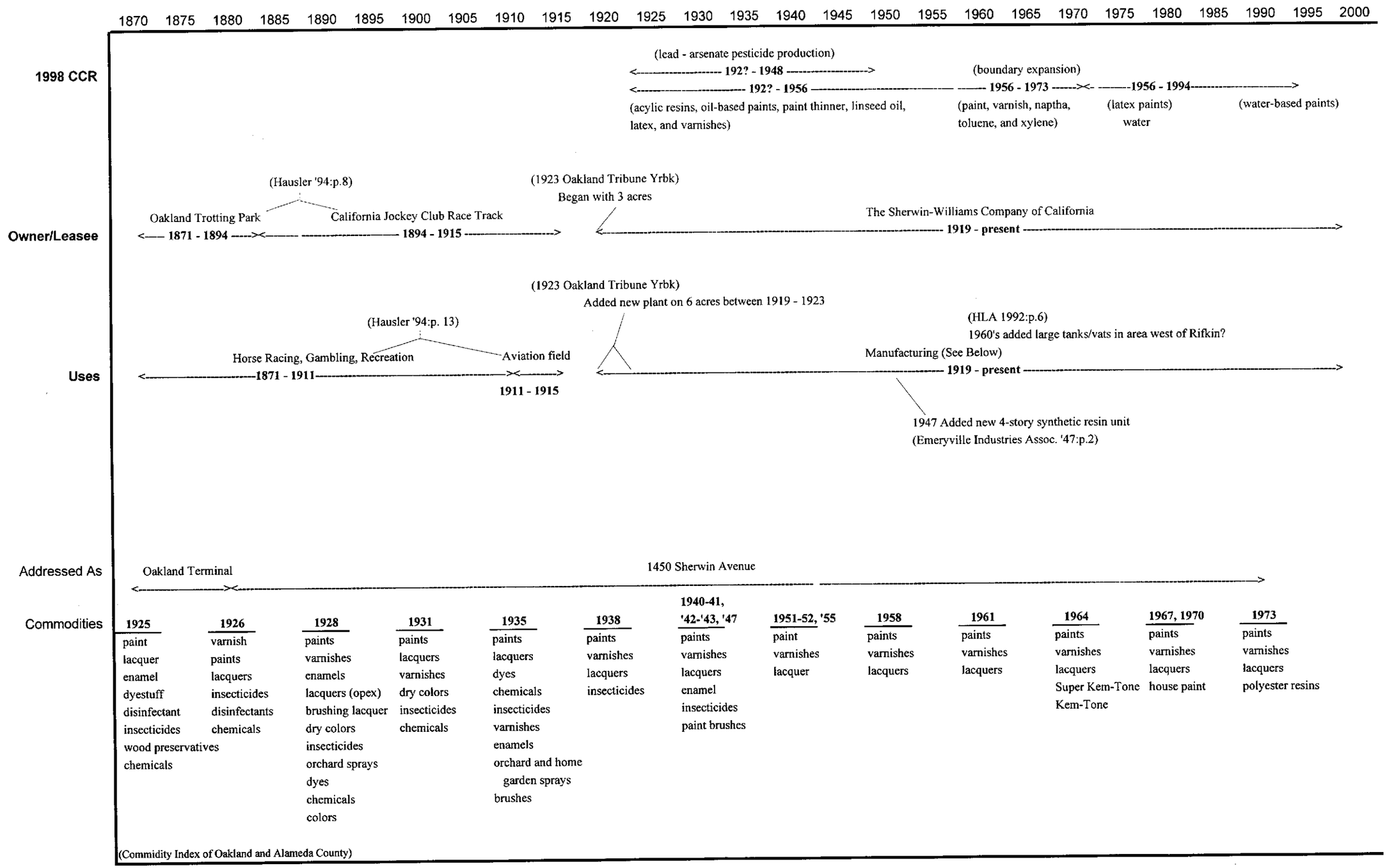
12/14/98

FIGURE A-3: The Sherwin-Williams Company of California

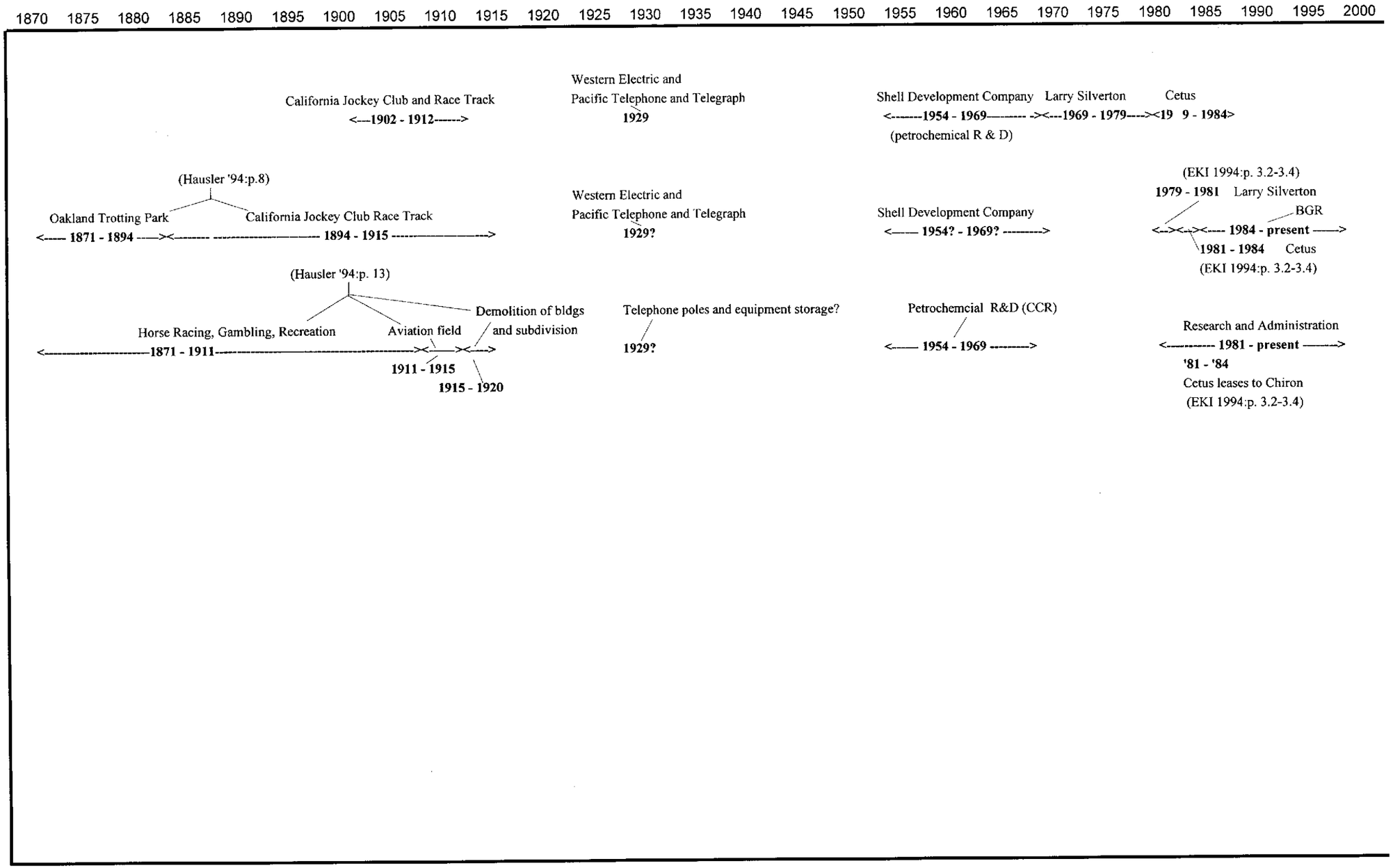


Legend: ? - data accuracy uncertain
( ) - citation
- data gap

f:/shared/maxfield/other_sw/shermill

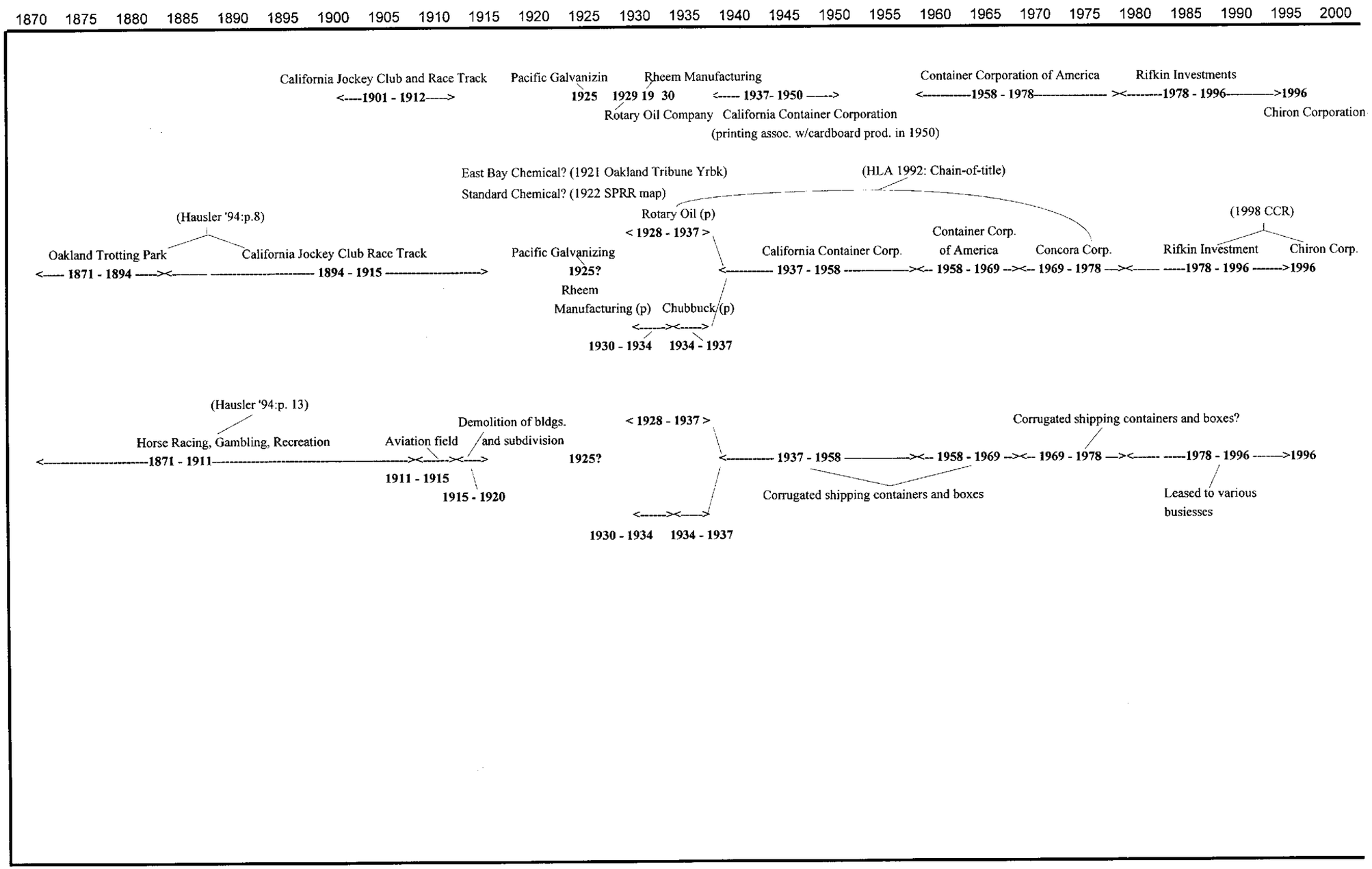
Revision 0
12/14/98

FIGURE A-4: Former South BGR Property



Legend: ? - data accuracy uncertain
( ) - citation
- data gaps

FIGURE A-5: Former Rifkin Property

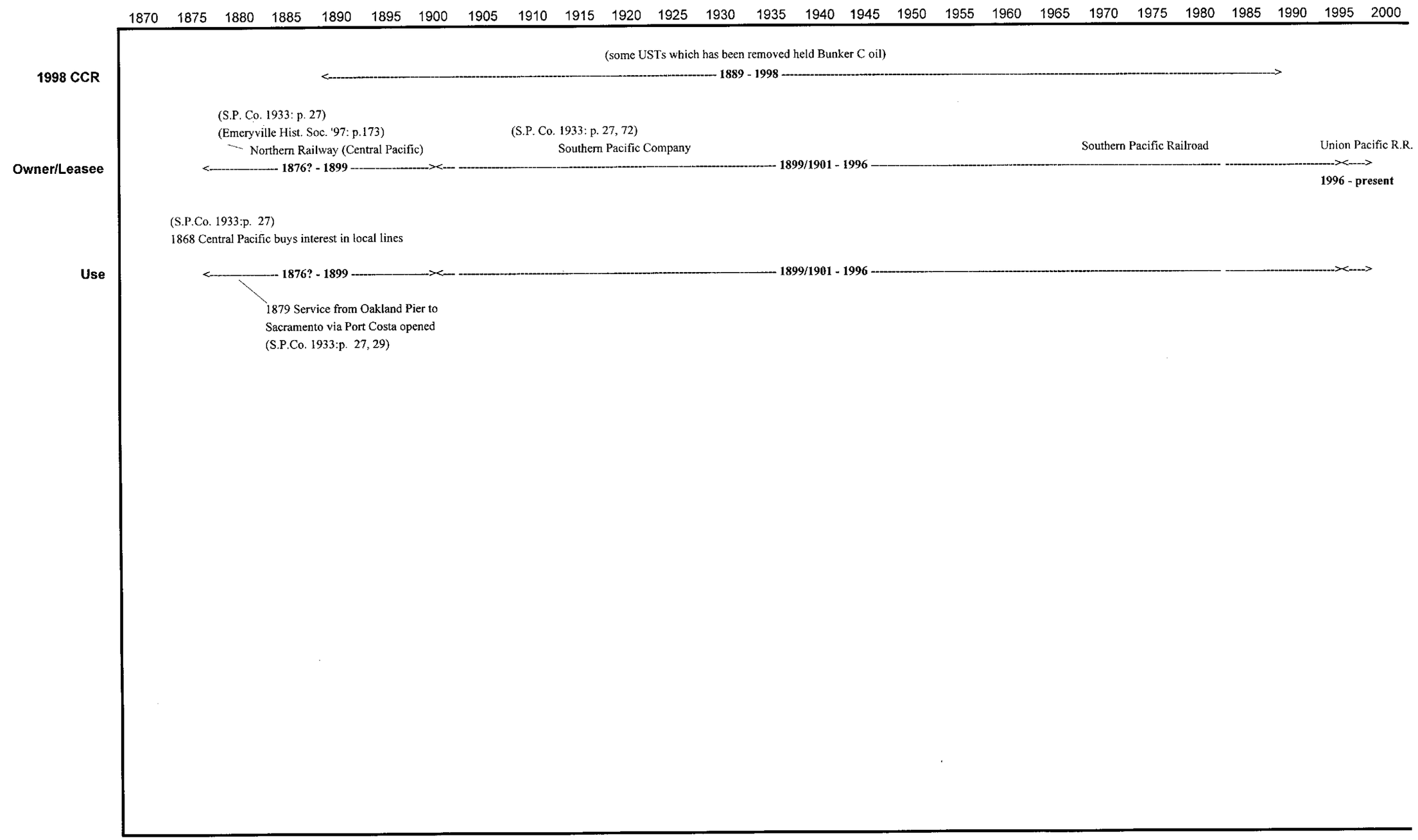


Legend: (p) - owned a portion of the site
? - data accuracy uncertain
( ) - citation
- data gaps

f:/shared/maxfield/other_sw/shermill

Revision 0
12/14/98

FIGURE A-6: Former Southern Pacific Railroad



Legend: ? - data accuracy uncertain
( ) - citation
- data gap

f:/shared/maxfield/other_sw/shermill

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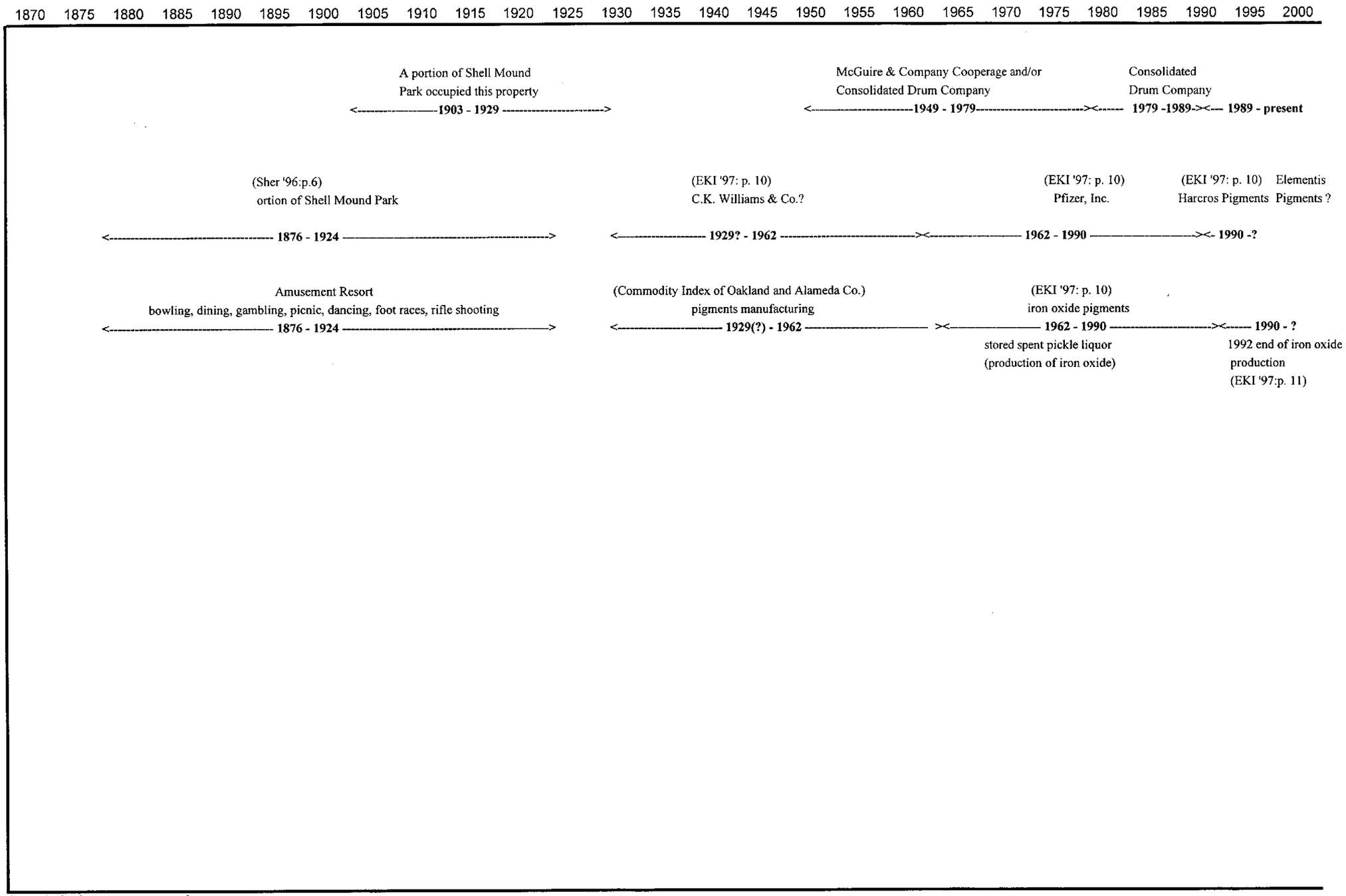
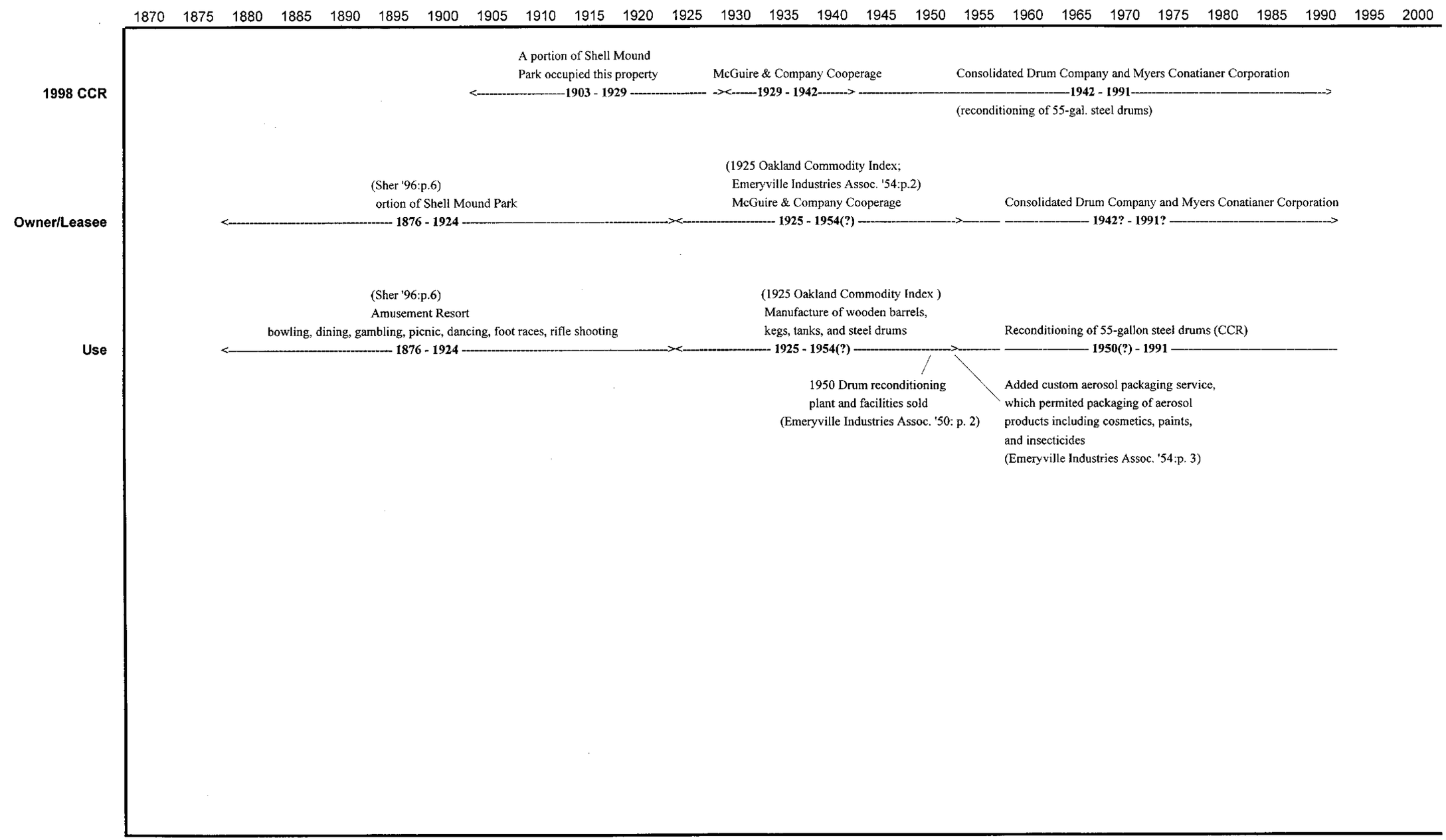
12/14/98

FIGURE A-7: Elementis Pigment



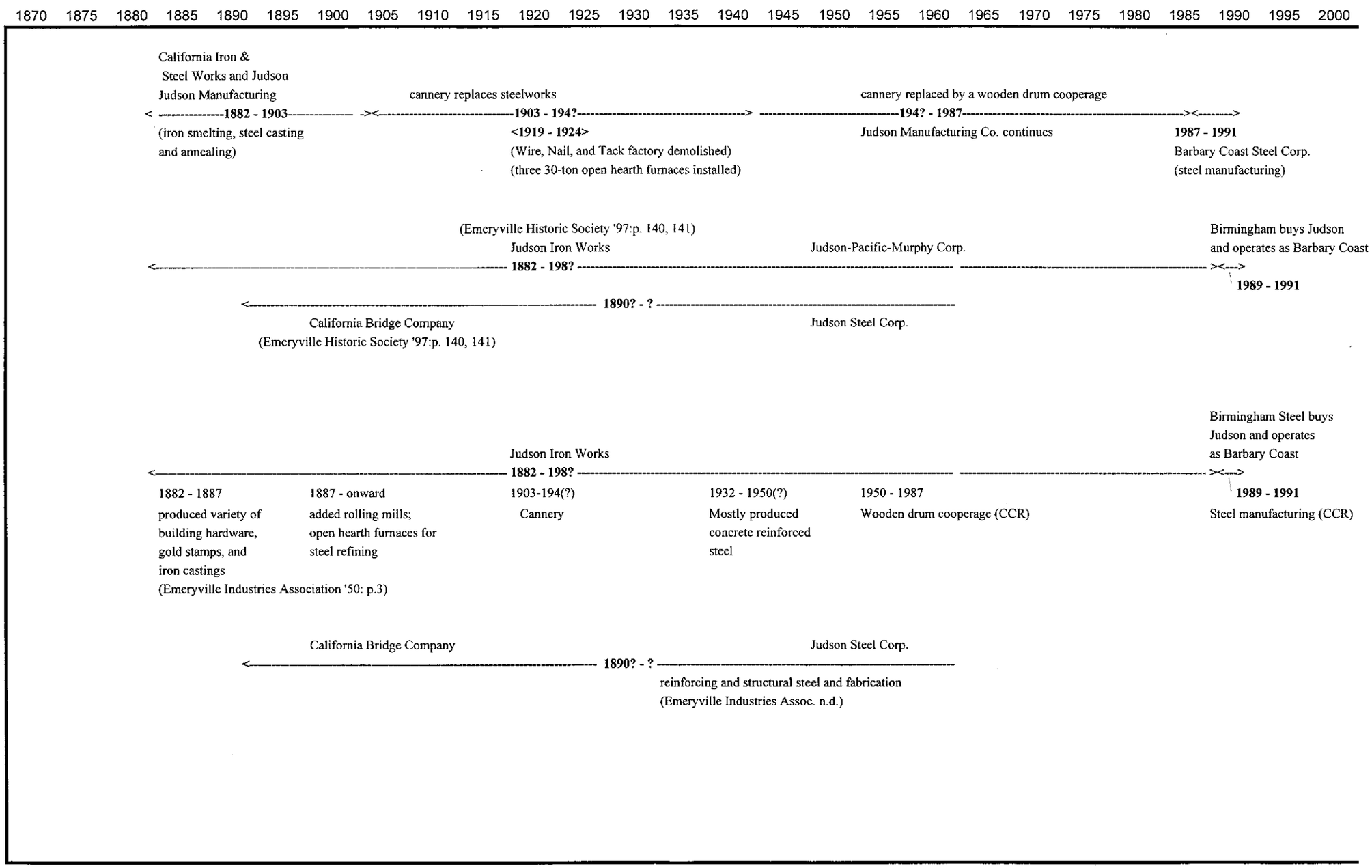
Legend: ? - data accuracy uncertain
( ) - citation
- data gaps

FIGURE A-8: Myers Container



Legend: ? - data accuracy uncertain
( ) - citation
- data gaps
(CCR) - LFR Current Conditions Report June 14, 1998 only identified source and date

FIGURE A-9: Barbary Coast Steel



Legend: ? - data accuracy uncertain
( ) - citation
- data gaps

APPENDIX B

REGIONAL GEOLOGY FIGURES
(NORFLEET 1998)

Revision 0
12/14/98

GROUNDWATER STUDY AND WATER SUPPLY HISTORY OF THE EAST BAY PLAIN, ALAMEDA AND CONTRA COSTA COUNTIES, CA

for:

The Friends of the San Francisco Estuary
Box 791
Oakland, California

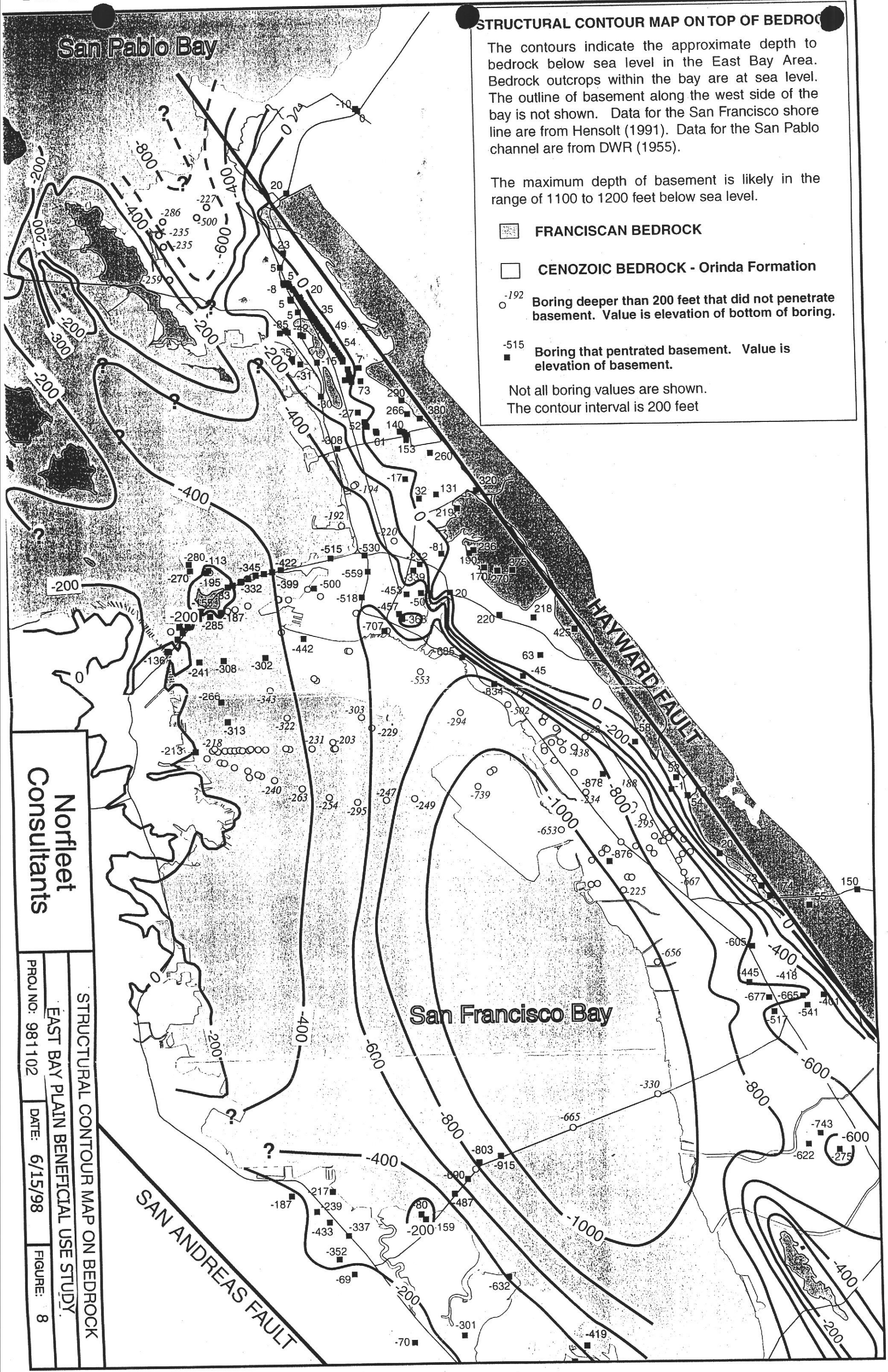
by:

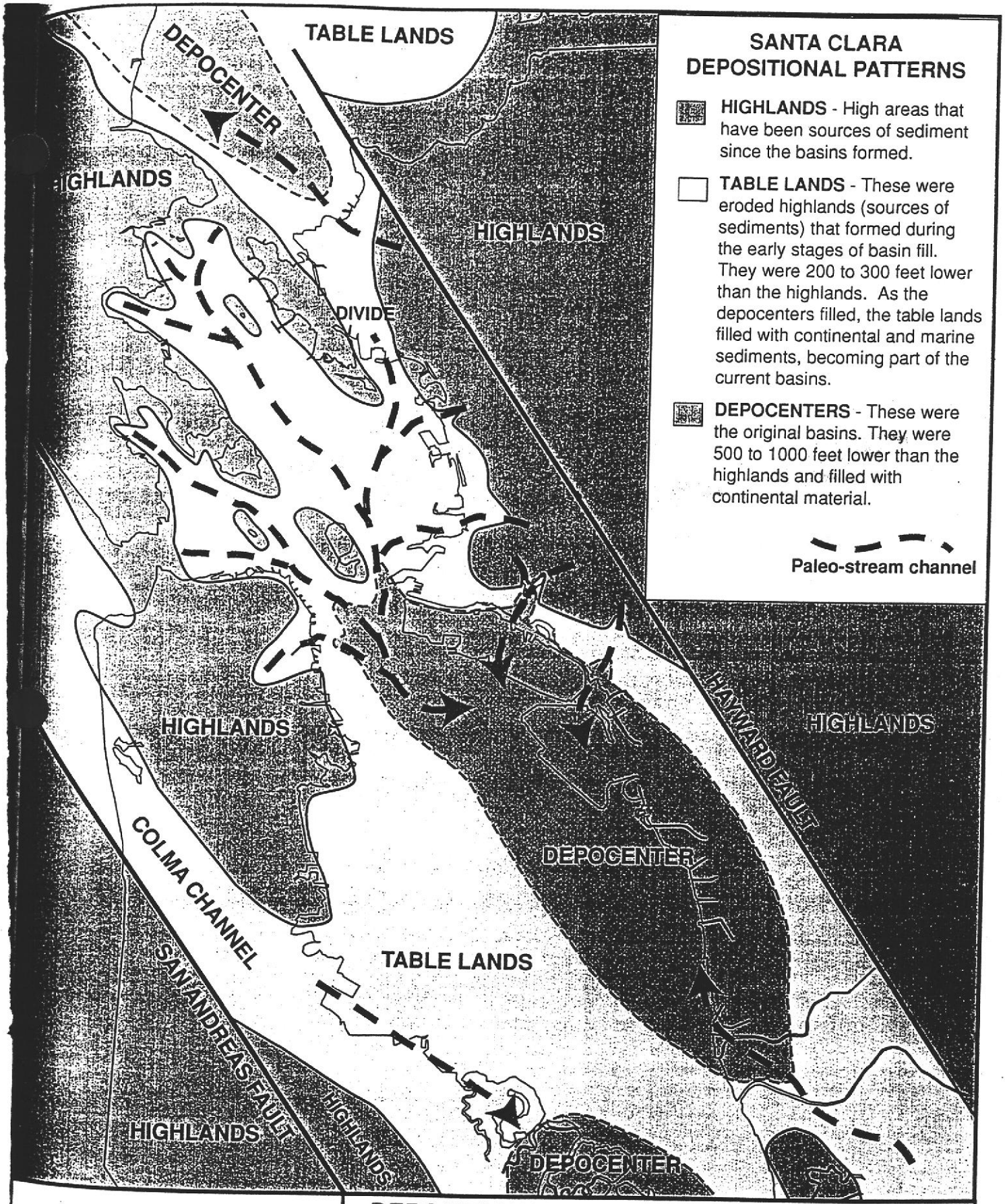
S. Figuers

Norfleet Consultants
Livermore, California

Norfleet Consultants Project Number 971102

June 15, 1998


San Pablo Bay
San Francisco Bay
HAYWARD FAULT
SAN ANDREAS FAULT
STRUCTURAL CONTOUR MAP ON TOP OF BEDROC
The contours indicate the approximate depth to bedrock below sea level in the East Bay Area. Bedrock outcrops within the bay are at sea level. The outline of basement along the west side of the bay is not shown. Data for the San Francisco shore line are from Hensolt (1991). Data for the San Pablo channel are from DWR (1955).
The maximum depth of basement is likely in the range of 1100 to 1200 feet below sea level.
FRANCISCAN BEDROCK
CENOZOIC BEDROCK - Orinda Formation
-192 Boring deeper than 200 feet that did not penetrate basement. Value is elevation of bottom of boring.
-515 Boring that pentrated basement. Value is elevation of basement.
Not all boring values are shown.
The contour interval is 200 feet
Norfleet Consultants
STRUCTURAL CONTOUR MAP ON BEDROCK
EAST BAY PLAIN BENEFICIAL USE STUDY
PROJ NO: 981102
DATE: 6/15/98
FIGURE: 8



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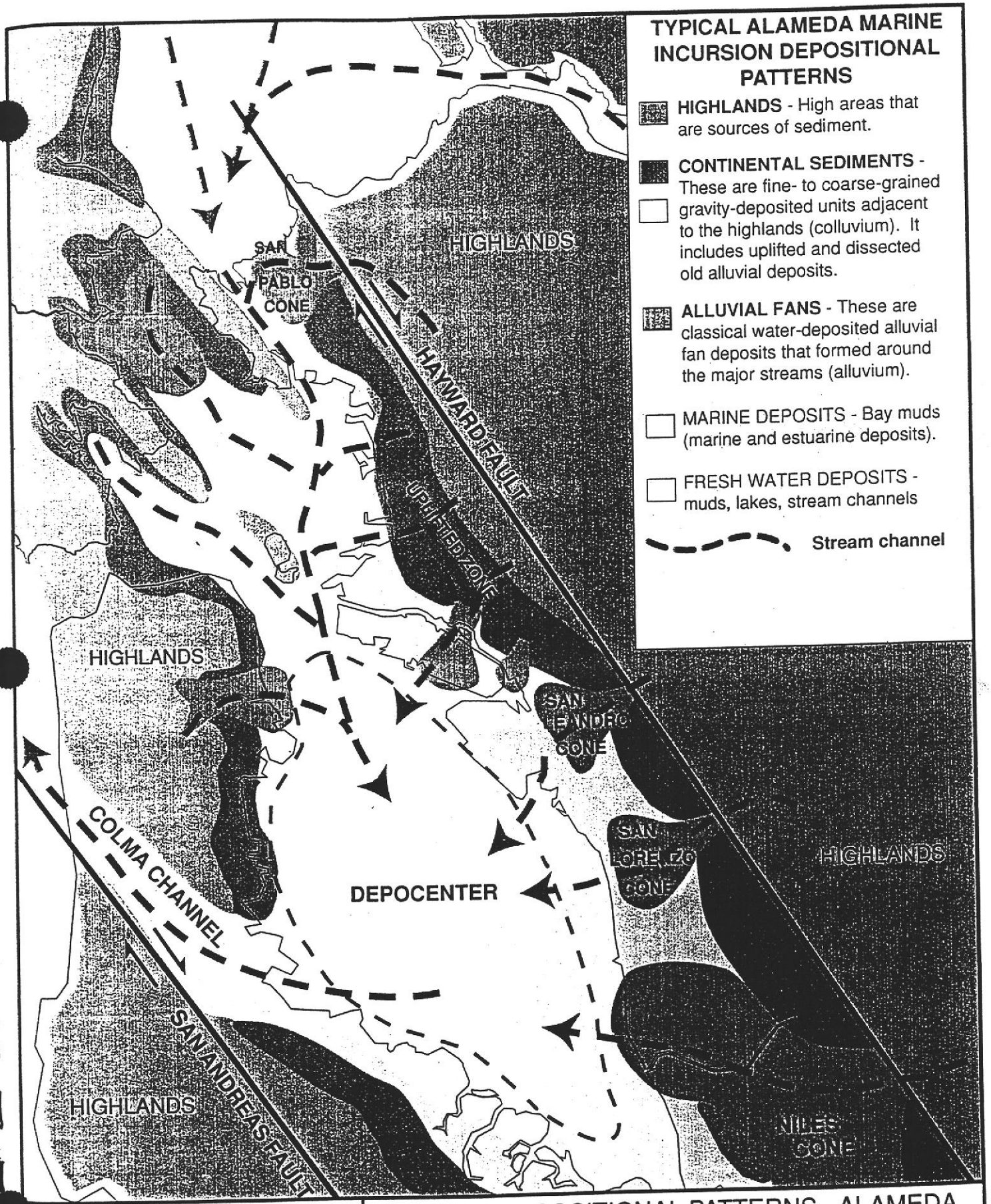
DEPOSITIONAL PATTERNS - SANTA CLARA TIME

EAST BAY PLAIN BENEFICIAL USE STUDY

PROJ NO: 981102	DATE: 6/15/98	FIGURE: 12



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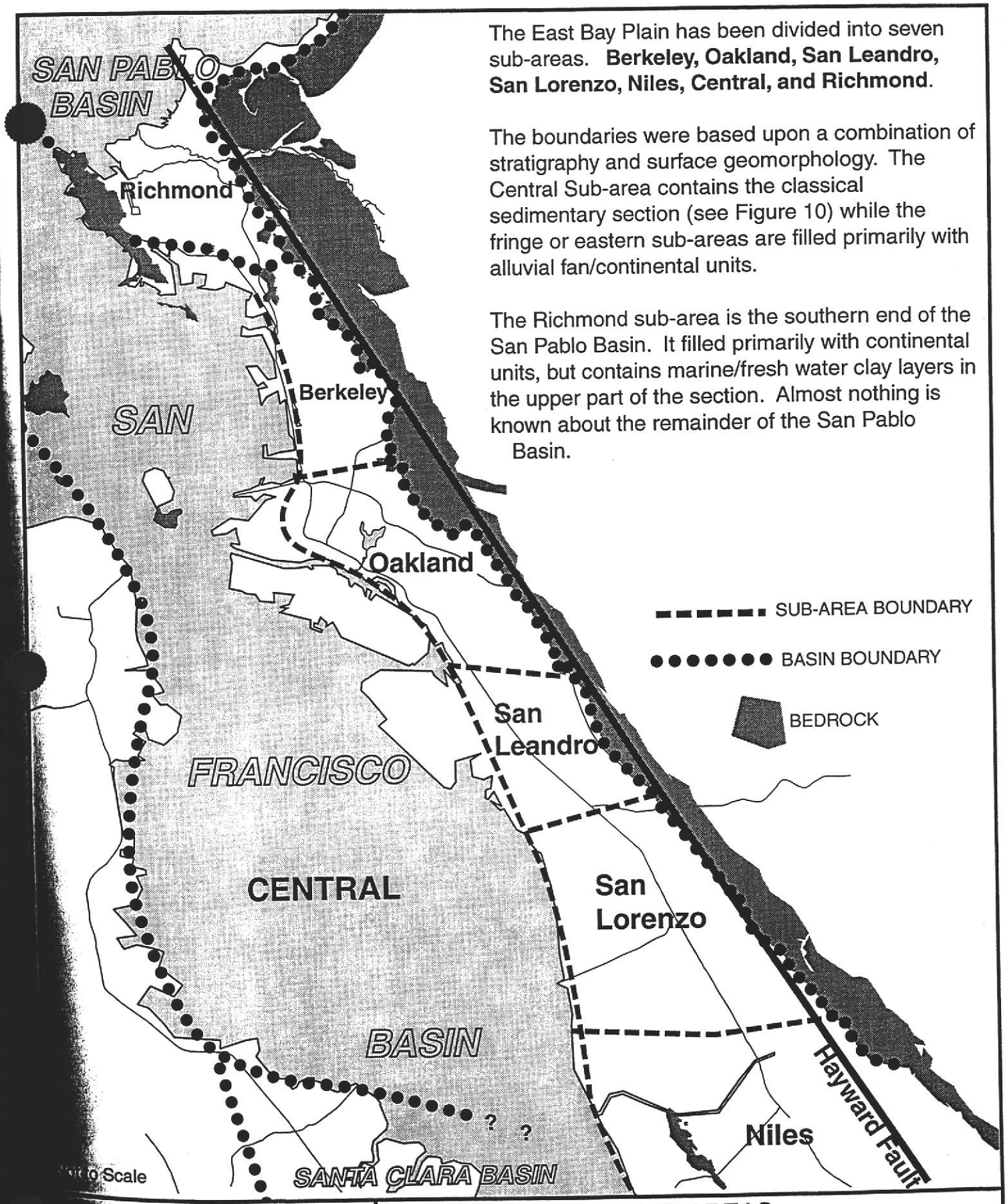
MARINE DEPOSITIONAL PATTERNS - ALAMEDA

EAST BAY PLAIN BENEFICIAL USE STUDY

PROJ NO: 981102	DATE: 6/15/98	FIGURE: 13



The East Bay Plain has been divided into seven sub-areas. **Berkeley, Oakland, San Leandro, San Lorenzo, Niles, Central, and Richmond.**

The boundaries were based upon a combination of stratigraphy and surface geomorphology. The Central Sub-area contains the classical sedimentary section (see Figure 10) while the fringe or eastern sub-areas are filled primarily with alluvial fan/continental units.

The Richmond sub-area is the southern end of the San Pablo Basin. It filled primarily with continental units, but contains marine/fresh water clay layers in the upper part of the section. Almost nothing is known about the remainder of the San Pablo Basin.

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SUB-AREAS

EAST BAY PLAIN BENEFICIAL USE STUDY

PROJ NO: 981102	DATE: 6/15/98	FIGURE: 3

U.S.G.S. Areal & Engineering Geology of the Oakland West Quadrangle, Dorothy H. Radbruch 1987

Misc Geol. Invest Map I-237

(RICHMOND) 17'30" 122°15' 37°52'30"

BERKELEY YACHT HARBOR

BERKELEY

EMERYVILLE

ARMY

Elev. 6 ft. 5 ft ln cl; 9 ft loose oily slty s; 26 ft ln cl; 4 ft cly s and gr; 6 ft br med cl. Total depth 50 ft.

Elev. 7 ft. 13 ft sdy cl; 18 ft org slty cl; 19 ft ln cl. Total depth 50 ft.

Elev. 0 ft. 9 ft water; 3 ft mud, 40% s; 26 ft cl, 10-40% s. Total depth 38 ft.

Elev. 9 ft. 19 ft loose med f s; 8 ft slty cl and oil; 10 ft ln cl; 13 ft cly s and gr to cly si and gr. Total depth 50 ft.

Elev. 0 ft. 7 ft water; 19 ft mud, 3% s; 12 ft cl, 2% s (tr). Total depth 38 ft.

Elev. 9 ft. 7 ft gr fill; 9 ft org slty cl; 34 ft ln cl. Total depth 50 ft.

EXPLANATION

Recent

Qls — Landslide debris
Clayey, silty sand that has moved down steep slope on Yerba Buena Island.

Qaf — Artificial fill
Sand, clay, or miscellaneous refuse.

Qrc — Reworked colluvium
Silty, clayey sand derived from underlying sandstone of the Franciscan group; moved downslope by water and gravity; in places reworked by wind.

Qbm — Bay mud
Sandy, clayey silt with shells and other organic material. Underlies most artificial fill.

Pleistocene

Qm — Merritt sand
Beach or near-shore deposit of slightly clayey, silty sand.

Qtc — Temescal formation
Alluvial-fan deposit comprising interfinge lenses of clayey gravel, sandy silty clay, sand-clay-silt mixtures.

Qa — Alameda formation
Upper exposed few feet composed of sandy, silty clay with few pebbles; lower part consists of continental and marine sand, clay, gravel. Maximum known thickness, 1,050 feet.

Jk — Knoxville formation (Jurassic)
Shale with some beds of graywacke.

KJf — Franciscan group (Jurassic and Cretaceous)
Graywacke with small amounts of shale

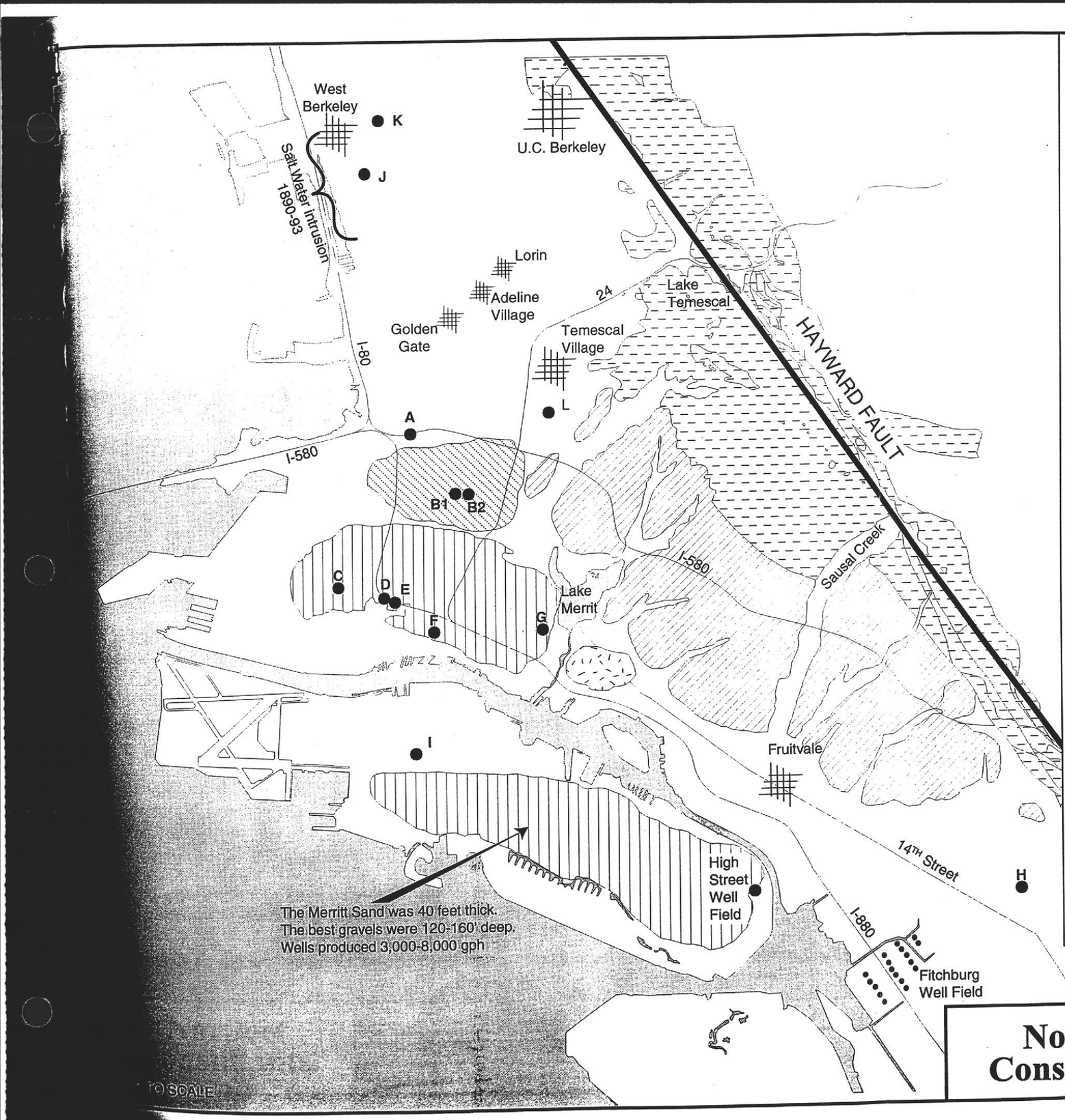
Contact

Indefinite contact
Includes gradational contacts, inferred contacts, and indefinite boundaries of surficial deposits.

Approximate boundaries of former shores, ponds, tidal flats, and streams now filled or concealed
After unpublished U. S. Coast and Geodetic Survey planetable sheets nos. XXIV and XXV, U. S. Coast Survey, San Francisco Bay, Calif., 1856.

GROUNDWATER IN OAKLAND, 1890-1900

This map is a graphical representation of geologic and well information described in Watts (1892) and Miller (1903).



BEDROCK - Cretaceous sedimentary units and Franciscan units. San Antonio Formation - Old Alluvial Fans

OLD ALLUVIAL FANS (SANTA CLARA FORMATION?)

MERRITT SANDS - These areas contain 50 to 80 feet of fine grained sand. Water depths were originally 10 to 12 feet below the ground surface. They were lowered to 35 to 40 feet by pumping. Average well production was 600 gph. There was a clay layer below the Merritt, and a water bearing gravel below the clay layer.

NORTH OAKLAND - There were no surface sands in this area. There was a surface clay, 2 to 20 feet thick (sometimes missing). Water bearing gravels were at 20 to 25 feet and 45 to 50 feet. Wells in this area averaged 150 feet deep. There were occasional dry holes.

EAST OAKLAND - There were no surface sands in this area. There was a surface clay, 0 to 50 feet thick (sometimes missing). Water bearing gravels were at 50 to 60 feet and at 90 feet.

● **HIGH STREET WELL FIELD** - By 1893, pumping had lowered the water table from artesian to 8 feet below the ground suface. The best water bearing gravels were 80 to 90 feet and 220 to 240 feet. The field was abandoned in the mid 1890's because of salt water intrusion.

A - Artesian well in the early 1890's.

B - This 3 block area contained the most prolific wells in Oakland. Pumping in these wells reduced ground water levels in wells hundreds of feet away.
B1 - Dingee had 3 deep wells that produced 1,500,000 gpd in 1893.
B2 - Gill nursery had one 281 foot deep well that produced 1,000,000 gpd.

C - This was the largest private water plant in Oakland (1895). It produced from one 12 inch well that was 60 feet deep.

D - Artesian well in the 1890's.

E - Mr. Dingee had four wells here. They were 53 feet deep and each produced 5000 gph.

F - Two 10 inch diameter wells, 554 and 681 feet deep.

G - Well flowing in 1900.

H - In the 1890's there was one 10 inch diameter well, 180 to 190 feet deep. The water depth was 8 feet.

I - Main water bearing gravels were 80 to 90 feet and at 140 feet.

J - Bedrock was encountered at 390 feet in 1893.

K - Wells in this area averaged 60 to 80 feet deep, and the water table was 20 to 25 feet deep. No bay muds were encountered.

L - Near the foothills, water bearing gravels were 60-100 and 200 feet deep. There were scattered dry holes.

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WATER SUPPLIES IN OAKLAND - 1890

EAST BAY PLAIN BENEFICIAL USE STUDY

PROJ NO: 981102	DATE: 6/15/98	FIGURE: 4

OAKLAND WEST QUADRANGLE
CALIFORNIA
7.5-MINUTE SERIES (TOPOGRAPHIC)

122°15′ 37°52′30″ 17′30″ 1 490 000 FEET

BERKELEY

OAKLAND

EMERYVILLE

ALAMEDA (IV AND D PERALTA)

OAKLAND ARMY BASE

SAN LEANDRO

Municipal Heliport

James Kennedy Playground

San Pablo Park

Playground

Park

Communication Tower

Sewage Disposal

Heliport

Poplar Playground

Lakeside Park

Lafayette Square

Lake Merritt (Tidal)

Mosswood Park

Oakland City College (Merritt Campus)

Oakland City College (Laney Campus)

Calif College of Arts & Crafts

UNIVERSITY OF CALIFORNIA

Beacon

Beacon

GROVE ST PIER

HARBOR Jack London Square

OAKLAND INNER

MUD

BERKELEY AQUATIC PARK

EASTSHORE HIGHWAY

TRANSIT

FREEWAY

BM 14

BM 51

BM 152

BM 247

BM 49

BM 66

BM 43

BM 36

BM 70

BM 116

BM 65

BM 40

BM 24

BM 42

BM 16

BM 11

BM 9

BM 8

BM 10

BM 6

1 490 000 FEET

500 000 FEET

50′

47′30″

"91 "90 "89 "88 "87 "86 "85 "84 "83

WELL CONSTRUCTION

CHRISTY BOX
LOCKING CAP
00-INCH DIAMETER BOREHOLE
8-INCH DIAMETER STEEL CASING
4-INCH DIAMETER BLANK PVC CASING
CEMENT BENTONITE GROUT
BENTONITE SEAL
NO. 3 MONTEREY SAND PACK
4-INCH DIAMETER PERFORATED PVC CASING (20-SLOT)
4-INCH DIAMETER PERFORATED PVC CASING (20-SLOT)
NO. 3 MONTEREY SAND PACK
BOTTOM CAP
BOTTOM OF CASING AT 40 FEET
HOLE BACKFILLED WITH BENTONITE PELLETS
BOTTOM OF SAMPLE BORING AT 59 FEET

LITHOLOGY

Graphic Log	Description	Sampled Interval	Penetration Rate (Blows/ft.)
	CONCRETE.		
	SILTY CLAY (CH), dark brown, soft, trace of fine-grained sand, organic rich.		12
2.5	SILTY CLAY (CL), olive-brown, modertely hard, plastic, some fine-grained sand, trace of gravel, no unusual odors.	5	26
6.5	CLAYEY SAND and GRAVEL (SC-GC), olive-brown, moderate density, gravels (1/4-inch to 1/2-inch diameter), angular clasts, orthoconglomerate, mixture of grain sizes.		35
7.5	GRAVEL (GW), brown, trace of silt, some sand, rounded clasts.		18
8.5	CLAYEY SAND (SC).		50
10	SAND (SW), brown, wet, moderately dense, some fine gravel, some clay.	10	
11	GRAVEL (GP), brown, loose, 1/8-inch to 1/4-inch diameter clasts, rounded, trace of silt and clay, solvent odor.		41
11.5	CLAYEY SAND and GRAVEL (SC-GC), brown, dense, angular gravel.		
12	Color change to light greenish gray, less dense, more sand, petroleum sheen at 11.5 feet.	15	No Recovery
14	SANDY GRAVEL (GW), dark greenish gray with bits of yellow and purple, yellow looks and smells like sulfur, loose, poorly sorted, traceof silt and clay. Strange mix odors.		
15			No Recovery
16	CLAYEY GRAVEL (GC), dark gray-green, large clasts to 1-inch diameter.		12
16.5	CLAYEY SAND (SC), dark gray with rust colored mottling, well graded sand sizes with silt.		
18.5	SILTY CLAY (CL), dark gray, rust mottlings, trace of fine-grained sand.	20	
	GRAVELLY SAND (SW), some clay, (__), rounded clasts.		
	SILTY CLAY (CL), dark gray, firm to soft, plastic, some very fine-grained sand, very uniform.		
	Darker gray, trace of angular gravel.		
	Ream hole to set conductor casing at 24 feet push to 25 feet.	25	
25	CLAYEY SILT (CL), dark gray, wet, low to no plasticity, with <5% sand and fine gravel.		
26	SILTY CLAY (CL), bluish gray, slightly moist, stiff, dense, medium plasticity.		
	CLAYEY SANDY GRAVEL (GC), dark gray, wet, angular gravel and ranges up to 1/2-inch diameter.		
	SILTY CLAY (CL), light gray with brownish mottling, stiff, very slightly moist, dense, medium plasticity.	30	
	SILTY CLAY to CLAYEY SILT (CL), light gray with brownish orange mottling as above, slightly moist, low plasticity.		
		35	
	SILTY CLAY (CL), light gray with rust colored mottling, moist, low plasticity, with <5% of fine-grained sand.		
	SILTY CLAY (CL), light gray with rust colored mottling, dry to slightly moist, stiff, dense, medium plasticity, has trace of grayish-white clay clasts embedded in silty clay matrix.		
	SILTY CLAY (CL), light gray with rust colored mottling, dry to slightly moist, stiff, dense, medium plasticity.	40	
44	GRAVELLY CLAYEY SAND (SC), light gray with rust colored mottling, moist, very fine-grained sand.	45	
44.5	SILTY CLAY to CLAYEY SILT (CL), light gray with rust colored mottling, moist , low plasticity.		
45	CLAYEY GRAVELLY SAND (SC), light gray with rust colored mottling, very moist to wet, fine-grained sand, gravel ranges up to 1/4-inch diameter.		
46	SILTY CLAY to CLAYEY SILT (CL), light gray with rust colored mottling, moist, low to medium plasticity.		
47.5	CLAYEY GRAVELLY SAND (SC), as above.	50	
48	CLAYEY SAND (SC), light gray with rust colored mottling, moist.		
49	SANDY SILTY CLAY (CL), light gray with rust colored mottling, moist, low to medium plasticity.		
50	CLAYEY SAND (SC), light gray with rust colored mottling.		
50.5	CLAYEY SANDY GRAVEL (GC), light gray, saturated, fine gravel and ranges up to 1/4-inch diameter.		
51	CLAYEY SAND (SC), brownish gray, very moist, medium to coarse-grained sand.	55	
51.5	SANDY SILTY CLAY to SILTY CLAY (CL), light gray with rust colored mottling, slightly moist, low to medium plasticity, very sticky.		
52			
53	Core lost in hole.		
54	BOTTOM OF BORING AT 40 FEET.		
55	BOTTOM OF SAMPLE BORING AT 59 FEET.	60	
57			

Date well drilled: 8-9 November 1989

Date water level measured: At time of drilling

Well elevation 10.98 MSL

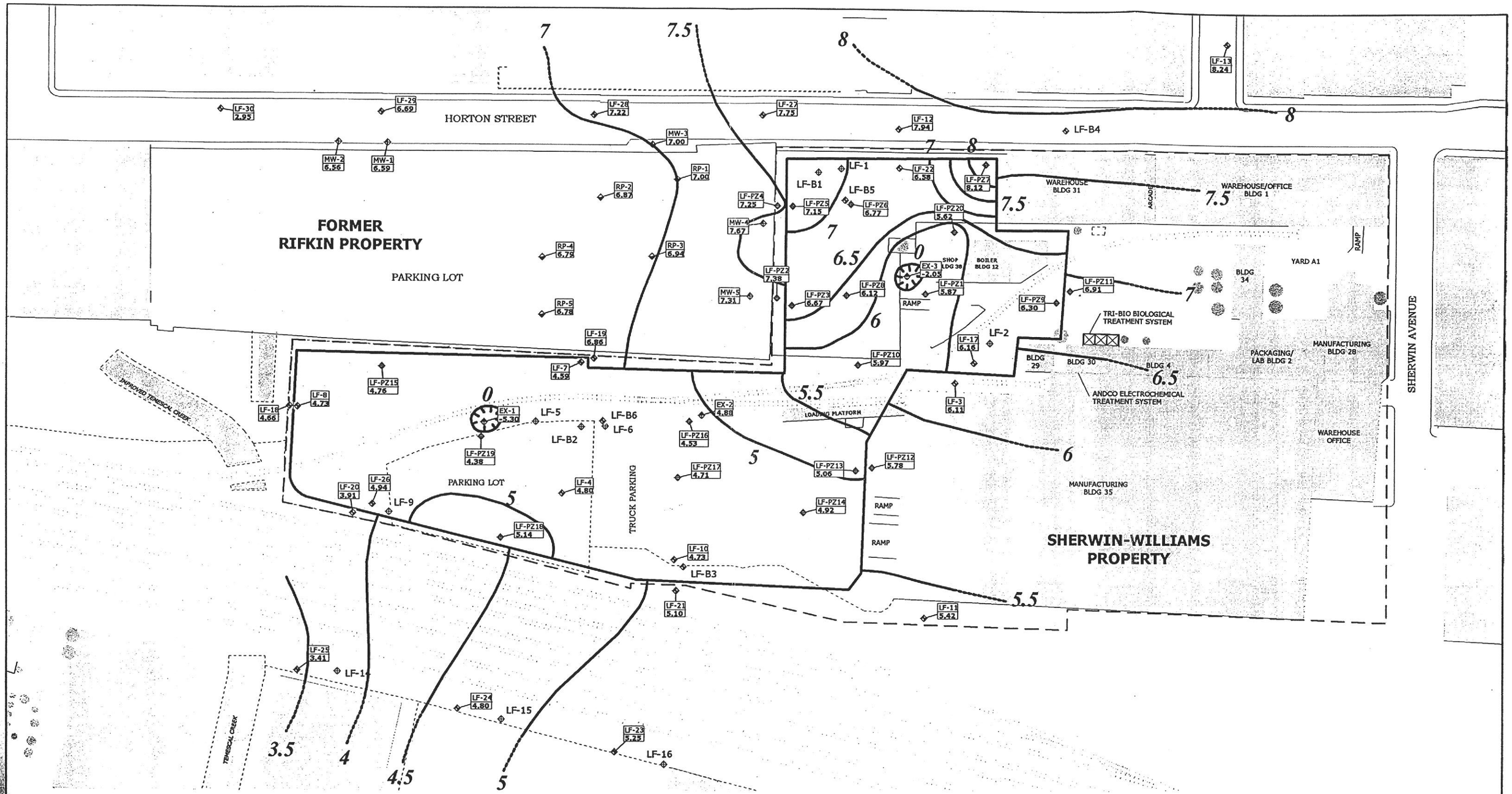
LF Geologists: John DeReamer/ John Lambie

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Modified California Sampler
- Samples collected for laboratory analyses
- Christensen Core Barrel Sampler
- Water-level encountered

Approved by: John M. Lambie

WELL CONSTRUCTION AND LITHOLOGY FOR WELL LF-B1 (Cont'd))



Property Boundary
Storage Tanks
Fence
Buildings
Slurrywall
Railroad Tracks

LF-10 A-Zone Monitoring Well
LF-B3 B-Zone Monitoring Well
EX-1 Groundwater Extraction Well
RP-1 Rifkin Property Monitoring Well (LFR)
MW-4 Rifkin Property Monitoring Well (TMC)
LF-PZ1 A-Zone Piezometer
Monitoring Well Destroyed or Abandoned

9.0 Groundwater Elevation Contour

Depression in Groundwater Surface

Note: Groundwater elevations are based on mean sea level (MSL).

N

50 0 50 100 Feet

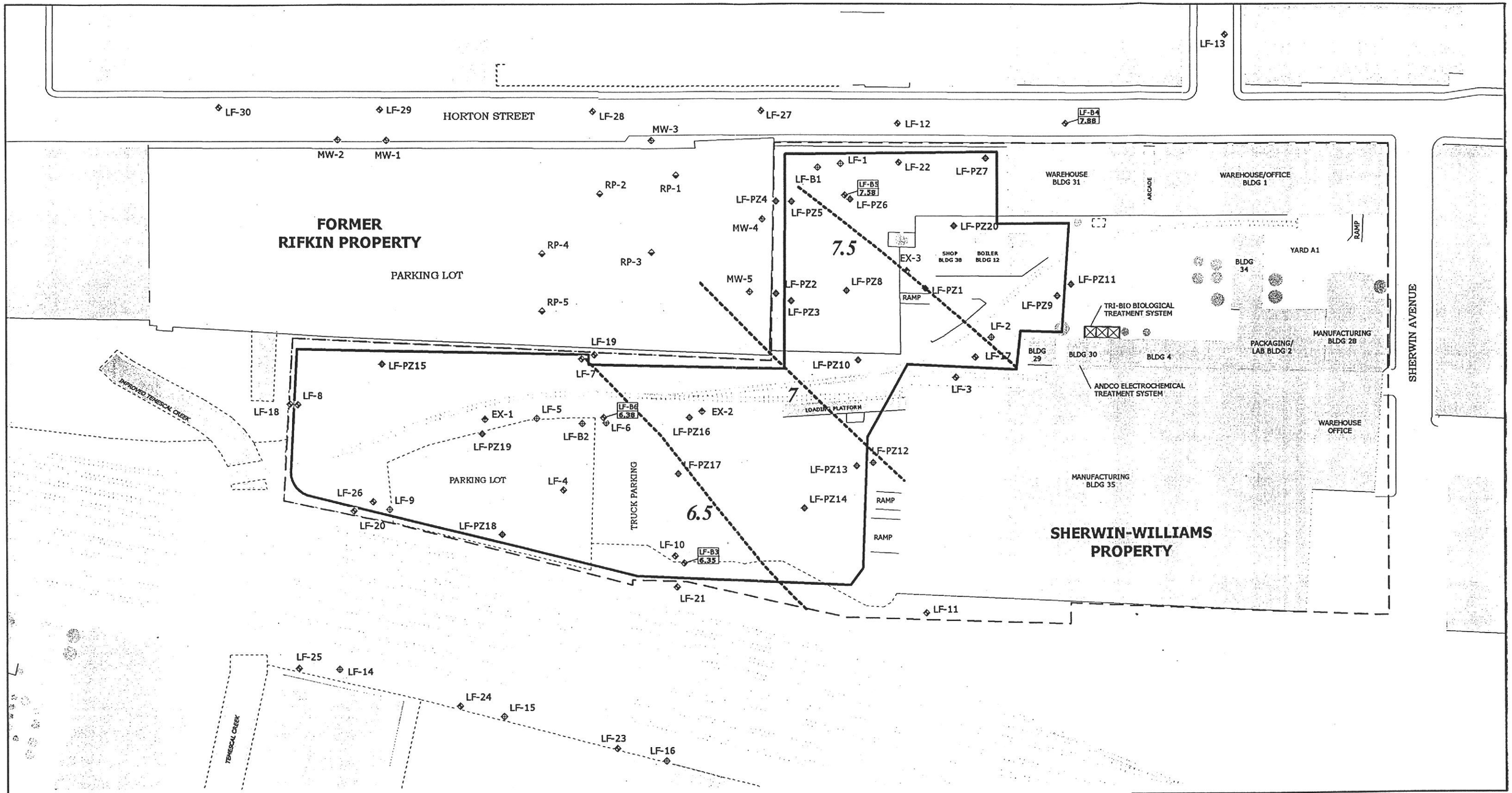
SHERWIN WILLIAMS

Groundwater Elevation Contours
A-Zone Groundwater
July 13, 1998

Levine-Fricke-Recon

Figure 3

Project No. 6495



Note: Groundwater elevations are based on mean sea level (MSL). Groundwater elevations measured at LF-B5 may not be representative of B-Zone because LF-B5 is screened in the A/B aquitard.

SHERWIN WILLIAMS

Groundwater Elevations Contours B-Zone Groundwater July 13, 1998

Levine-Fricke-Recon

Figure 4

Project No. 6495

APPENDIX D

ELECTRONIC DISK DELIVERABLE (EDD)
(CONTAINS CD ROM)

Revision 0
1/8/99

Instructions for the Electronic Disk Deliverable

The Sherwin-Williams Electronic Disk Deliverable (EDD) is an interactive presentation of the chemical database for the Emeryville Site. This EDD provides all data present in the Sherwin-Williams database for the Emeryville Site that has sufficient information to be plotted on the Site Map. Therefore, sample locations that do not have surveyed coordinates are not included in the EDD. A list of sample locations lacking surveyed coordinates is provided in Tables E-18 and E-19 in Appendix E. The location of sample 4563-A on the former Rifkin property is incorrect due to erroneous survey coordinates in the database. Also, the sample locations for borings SW-3 and SW-4 inside the slurry wall (south), are transposed. These sample locations have been correctly relocated in Figures 2-15 and 2-16 of the Workplan, but the maps in the EDD relied on the erroneous coordinate data presented in the database.

The hardware and software required to operate the EDD is a PC with a compact disc drive, Microsoft Windows 3.1 or greater, and an internet browser such as Netscape or Microsoft Internet Explorer. (Note: connection to the internet is not needed.) As with any new software product, some minor incompatibilities may occur with some hardware or software. If in the unlikely occasion that an error occurs, remove the CD from the drive and re-boot the computer. If you do not have an internet browser or require any assistance in operating the EDD, please contact either Sandra Maxfield or Linda DeMartino of ENTRIX at (925)935-9920 during regular business hours.

This is a self-starting CD; just place it in your CD drive, and wait a few seconds. A title page with brief instructions on how to proceed will appear. If the CD does not start, re-insert the CD in the drive and try again. There are two options for accessing the data: the Disk Navigation Layout (Navigator) Page and the Site Map. The Disk Navigation Layout (Figure D-1) shows the organization of site maps within the EDD. The Site Map displays the layout of the various properties and the samples that have been mapped.

Note: If you do not have Adobe Acrobat, and you want to print data tables or these instructions, click "*To Install Adobe Acrobat Reader*" on the title page. Choose the "open" option and the prompt to begin the installation process.

The Navigator Page links directly to the area maps when the mouse pointer is placed on a map title within the schematic (the mouse pointer transforms to a hand). Double clicking on the map titles will activate the maps exhibiting the sample locations for the specific area selected. To access the analytic data for any sampling locations within the boundaries of the investigation area, point and click on the sample location of interest (the cursor will appear as a hand when the link is established).

To view the underlying sample data and analytical results from the Site Map, the Groundwater or Soil maps must be selected from the top of the screen. The Soil and Groundwater Maps are divided into seven investigation areas. Move around the map by scrolling horizontally or vertically. Use the mouse to place the pointer and click on the investigation areas when the hand is visible. This will bring up a detailed map of that

investigation area. For example, if you selected the Rifkin Property for the Groundwater Map, then the Rifkin Groundwater Map will provide the groundwater sampling locations on the Rifkin Property. To access the analytic data for any sampling locations within the boundaries of the investigation area, point and click on the sample location of interest when the hand is visible. Sample locations that appear outside the boundary of the selected investigation area will not display the underlying data. The investigation area for those sample locations must be activated.

The data tables provide a variety of information. The following is the list of column headings and their definitions:

- SAMPLE ID - is a unique sample name for multiple samples often collected from a single sampling location. The sample ID is either the field sample name or the laboratory sample name.

- REFERENCE ID - refers to the name of the sampling location.

- SAMPLE DATE - is the date the samples were collected.

- BEG DEPTH - is for soil samples only, and represents the beginning depth in feet below ground surface in which the sample was collected.

- END DEPTH - is for soil samples only, and represents the ending depth in feet below ground surface in which the sample was collected.

- X SP and Y SP - are the X-, Y- coordinates used to graphically plot these sample locations.

- INVEST AREA - refers to six investigative area within the Sherwin-Williams site:

  - SW-ISW - Sherwin-Williams - Inside Slurry Wall

  - SW-SA - Sherwin-Williams - Southern Area (Outside Slurry Wall)

  - RFP - Rifkin Property

  - HT-BGR - Horton Street and former BGR and Shell Properties

  - NWA - Southern Pacific Railroad, Elementis Pigments, and former Myers Drums

  - UNK - Not assigned to an investigative area

- SAMPLE GW ZONE - refers to the groundwater aquifer zone: A or B.

- REQ CODE - refers to the type of analysis.

- STANDARD PARAMETER NAME - is the name of the analyte.

- TEST MATERIAL - is the matrix being analyzed, either soil or groundwater.

- RESULT - is the concentration of the analyte as reported by the laboratory.

- MDL - is the laboratory reporting limit.

- QUALIFIER - is a qualitative description of the data presented; for example, if the analyte was not detected above the MDL, then the sample result would be qualified with as Non-Detect (ND).

- UNITS - are the units of measurement for the results. All data is reported in mg/L for groundwater samples and mg/kg for soil samples, which are equivalent to parts per million.

- LAB - is the abbreviation of the laboratory that performed the analysis.

- ANALYSIS METHOD - is the analytical method number cited by the laboratory for the analysis performed.

Each data table can be printed. At the top of each data table is a statement "*click here to print*". This will open Adobe Acrobat Reader which is provided on the CD. This reader will allow for the data tables to be printed on a landscape-oriented 8 x 11-inch sheet of paper.

To return to the previous screen, from the data tables or Adobe Acrobat use the "back" button on the browser toolbar. Continue backing until you reach the desired screen. As with all Windows 95 compatible software, to exit the system, click on the top "X" in the upper right-hand corner.

APPENDIX E

SITE CHEMISTRY TABLES
(CONTAINS TABLES E-1 THROUGH E-22)

TABLE E-1: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams, Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
45-1	7/23/97	1.5000	1.5000	2,130,508.9	6,045,217.0	ARSENIC _ICP	4.6000	1.0000		MG/KG
45-2	7/23/97	1.5000	1.5000	2,130,528.0	6,045,293.4	ARSENIC _ICP	3.7000	1.0000		MG/KG
45-3	7/23/97	1.5000	1.5000	2,130,542.8	6,045,342.0	ARSENIC _ICP	4.9000	1.0000		MG/KG
45-4	7/23/97	1.5000	1.5000	2,130,556.2	6,045,387.3	ARSENIC _ICP	5.5000	1.0000		MG/KG
AA9101	1/18/91	2.0000	2.0000	2,130,670.4	6,045,006.0	ARSENIC _UNK	45.0000	0.0000		MG/KG
AA9102	1/17/91	2.0000	2.0000	2,130,787.3	6,044,956.7	ARSENIC _UNK	1300.0000	0.0000		MG/KG
AA9103	1/17/91	2.0000	2.0000	2,130,748.9	6,044,966.7	ARSENIC _UNK	1800.0000	0.0000		MG/KG
AA9104	1/18/91	2.0000	2.0000	2,130,880.3	6,044,906.7	ARSENIC _UNK	4400.0000	0.0000		MG/KG
AA9105	1/18/91	2.0000	2.0000	2,130,861.5	6,044,910.8	ARSENIC _UNK	8700.0000	0.0000		MG/KG
AA9106	1/18/91	2.0000	2.0000	2,130,819.6	6,044,918.9	ARSENIC _UNK	2700.0000	0.0000		MG/KG
AA9107	1/17/91	2.0000	2.0000	2,130,779.5	6,044,924.8	ARSENIC _UNK	11000.0000	0.0000		MG/KG
AA9108	1/17/91	2.0000	2.0000	2,130,743.6	6,044,930.7	ARSENIC _UNK	58.0000	0.0000		MG/KG
AA9109	1/18/91	2.0000	2.0000	2,130,849.8	6,044,867.6	ARSENIC _UNK	110000.0000	0.0000		MG/KG
AA9110	1/17/91	2.0000	2.0000	2,130,814.3	6,044,879.4	ARSENIC _UNK	4200.0000	0.0000		MG/KG
AA9111	1/17/91	2.0000	2.0000	2,130,770.6	6,044,888.7	ARSENIC _UNK	4000.0000	0.0000		MG/KG
AA9112	1/17/91	2.0000	2.0000	2,130,732.8	6,044,899.9	ARSENIC _UNK	96.0000	0.0000		MG/KG
AA9113	6/13/91	2.0000	2.0000	2,130,867.1	6,044,800.5	ARSENIC _UNK	210.0000	0.0000		MG/KG
AA9114	6/13/91	2.0000	2.0000	2,130,839.8	6,044,824.5	ARSENIC _UNK	318.0000	0.0000		MG/KG
AA9115	6/13/91	2.0000	2.0000	2,130,797.4	6,044,830.8	ARSENIC _UNK	692.0000	0.0000		MG/KG
AA9116	6/13/91	2.0000	2.0000	2,130,769.0	6,044,837.6	ARSENIC _UNK	555.0000	0.0000		MG/KG
AA9117	6/12/91	2.0000	2.0000	2,130,731.6	6,044,844.7	ARSENIC _UNK	69.0000	0.0000		MG/KG
AA9118	6/12/91	2.0000	2.0000	2,130,709.2	6,044,923.3	ARSENIC _UNK	28.0000	0.0000		MG/KG
AA9119	6/12/91	2.0000	2.0000	2,130,675.0	6,044,944.6	ARSENIC _UNK	46.0000	0.0000		MG/KG
AA9120	6/13/91	2.0000	2.0000	2,130,889.1	6,044,788.9	ARSENIC _UNK	115.0000	0.0000		MG/KG
AA9121	6/13/91	2.0000	2.0000	2,130,838.0	6,044,794.4	ARSENIC _UNK	13.0000	0.0000		MG/KG
AA9122	6/13/91	2.0000	2.0000	2,130,754.9	6,044,820.8	ARSENIC _UNK	293.0000	0.0000		MG/KG
AA9123	6/12/91	2.0000	2.0000	2,130,684.7	6,044,893.8	ARSENIC _UNK	8.0000	0.0000		MG/KG
AA9124	6/12/91	2.0000	2.0000	2,130,670.0	6,044,913.9	ARSENIC _UNK	11.0000	0.0000		MG/KG
AGI-FT-05	10/1/87	2.0000	2.0000	2,130,382.8	6,044,252.9	ARSENIC _HIST	19.1000	0.0000		MG/KG
AGI-FT-07	10/1/87	2.0000	2.0000	2,130,394.6	6,044,159.8	ARSENIC _HIST	36.1000	0.0000		MG/KG
AGI-FT-08	10/1/87	2.0000	2.0000	2,130,426.4	6,044,190.5	ARSENIC _HIST	19.8000	0.0000		MG/KG
AGI-FT-09	10/1/87	2.0000	2.0000	2,130,426.4	6,044,209.3	ARSENIC _HIST	32.2000	0.0000		MG/KG
AGI-FT-10	10/1/87	2.0000	2.0000	2,130,426.4	6,044,258.8	ARSENIC _HIST	35.1000	0.0000		MG/KG
AGI-FT-11	10/1/87	2.0000	2.0000	2,130,427.6	6,044,227.0	ARSENIC _HIST	50.3000	0.0000		MG/KG
AGI-MW-10	7/30/93	0.5000	0.5000	2,129,787.5	6,044,350.0	ARSENIC _HIST	44.0000	0.0000		MG/KG
AGI-MW-15	7/1/93	0.5000	0.5000	2,130,556.9	6,044,087.9	ARSENIC _HIST	36.0000	0.0000		MG/KG

TABLE E-1: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams, Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-16	7/1/93	0.5000	0.5000	2,129,950.4	6,044,159.8	ARSENIC _HIST	32.0000	0.0000		MG/KG
AGI-MW-2B	8/10/93	0.5000	1.0000	2,130,091.8	6,044,308.3	ARSENIC _HIST	22.0000	0.0000		MG/KG
AGI-MW-5	7/30/93	0.5000	0.5000	2,130,465.3	6,044,016.1	ARSENIC _HIST	25.0000	0.0000		MG/KG
AGI-MW-6	7/28/93	0.5000	0.5000	2,130,444.1	6,044,242.3	ARSENIC _HIST	37.0000	0.0000		MG/KG
AGI-MW-8	7/1/93	0.5000	0.5000	2,130,513.6	6,044,391.8	ARSENIC _HIST	28.0000	0.0000		MG/KG
AGI-MW-9	7/26/93	1.0000	1.0000	2,129,998.5	6,044,376.6	ARSENIC _HIST	28.0000	0.0000		MG/KG
AGI-SB-01	7/20/93	0.5000	0.5000	2,130,499.0	6,044,147.8	ARSENIC _HIST	21.0000	0.0000		MG/KG
AGI-SB-02	7/22/93	1.0000	1.0000	2,130,439.1	6,044,294.6	ARSENIC _HIST	28.0000	0.0000		MG/KG
AGI-SB-05	8/2/93	0.5000	0.5000	2,130,514.4	6,044,286.9	ARSENIC _HIST	20.0000	0.0000		MG/KG
AGI-SB-09	7/22/93	1.0000	1.0000	2,130,372.2	6,044,252.9	ARSENIC _HIST	71.0000	0.0000		MG/KG
AGI-SB-10	7/22/93	1.0000	1.0000	2,130,386.4	6,044,231.0	ARSENIC _HIST	41.0000	0.0000		MG/KG
AGI-SB-13	7/26/93	1.0000	1.0000	2,130,390.0	6,044,369.0	ARSENIC _HIST	6.0000	0.0000		MG/KG
AGI-SB-14	7/26/93	1.0000	1.0000	2,130,300.7	6,044,369.0	ARSENIC _HIST	6.0000	0.0000		MG/KG
AGI-SB-15	7/26/93	1.0000	1.0000	2,130,258.9	6,044,363.3	ARSENIC _HIST	14.0000	0.0000		MG/KG
AGI-SB-16	7/26/93	1.0000	1.0000	2,130,222.8	6,044,357.6	ARSENIC _HIST	10.0000	0.0000		MG/KG
AGI-SB-17	7/30/93	0.5000	0.5000	2,130,133.4	6,044,351.9	ARSENIC _HIST	3.0000	0.0000		MG/KG
AGI-SB-18	7/27/93	0.5000	0.5000	2,130,093.5	6,044,344.3	ARSENIC _HIST	14.0000	0.0000		MG/KG
AGI-SB-19	8/31/93	1.0000	1.0000	2,130,229.7	6,044,291.8	ARSENIC _HIST	8.0000	0.0000		MG/KG
AGI-SB-20	7/21/93	1.0000	1.0000	2,130,091.8	6,044,268.3	ARSENIC _HIST	21.0000	0.0000		MG/KG
AGI-SB-21	7/21/93	1.0000	1.0000	2,130,077.7	6,044,282.4	ARSENIC _HIST	3.0000	0.0000		MG/KG
AGI-SB-22	7/22/93	1.0000	1.0000	2,130,065.0	6,044,370.9	ARSENIC _HIST	5.0000	0.0000		MG/KG
AGI-SB-23	8/2/93	0.5000	0.5000	2,130,044.1	6,044,391.8	ARSENIC _HIST	2.0000	0.0000		MG/KG
AGI-SB-27	7/27/93	0.5000	0.5000	2,129,986.7	6,044,315.3	ARSENIC _HIST	10.0000	0.0000		MG/KG
AGI-SB-28	7/27/93	0.5000	0.5000	2,129,724.8	6,044,332.9	ARSENIC _HIST	15.0000	0.0000		MG/KG
AGI-SB-29	7/27/93	0.5000	0.5000	2,129,662.0	6,044,334.8	ARSENIC _HIST	11.0000	0.0000		MG/KG
AGI-SB-47	7/21/93	0.5000	0.5000	2,130,386.4	6,044,010.2	ARSENIC _HIST	7.0000	0.0000		MG/KG
AGI-SB-48	7/21/93	1.0000	1.0000	2,130,294.5	6,044,017.3	ARSENIC _HIST	4.0000	0.0000		MG/KG
AGI-SB-50	7/21/93	1.0000	1.0000	2,130,384.0	6,044,103.3	ARSENIC _HIST	5.0000	0.0000		MG/KG
AGI-SB-51	7/21/93	0.5000	0.5000	2,130,243.8	6,044,080.9	ARSENIC _HIST	2.0000	0.0000		MG/KG
AGI-SB-52	7/21/93	0.5000	0.5000	2,130,067.0	6,044,151.6	ARSENIC _HIST	24.0000	0.0000		MG/KG
AGI-SB-53	7/21/93	1.0000	1.0000	2,129,817.1	6,044,153.6	ARSENIC _HIST	46.0000	0.0000		MG/KG
AGI-SB-54	7/27/93	0.5000	0.5000	2,129,842.2	6,044,211.5	ARSENIC _HIST	75.0000	0.0000		MG/KG
AGI-SB-55	7/27/93	0.5000	0.5000	2,129,828.7	6,044,267.5	ARSENIC _HIST	21.0000	0.0000		MG/KG
AGI-SB-56	7/21/93	0.5000	0.5000	2,130,001.1	6,044,228.2	ARSENIC _HIST	45.0000	0.0000		MG/KG
AGI-SB-57	7/21/93	1.0000	1.0000	2,130,137.7	6,044,189.3	ARSENIC _HIST	20.0000	0.0000		MG/KG
AGI-SB-58	8/31/93	1.0000	1.0000	2,130,442.9	6,044,159.8	ARSENIC _HIST	15.0000	0.0000		MG/KG

TABLE E-1: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams, Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-SB-59	8/31/93	1.0000	1.0000	2,130,508.6	6,044,001.0	ARSENIC _HIST	6.0000	0.0000		MG/KG
AGI-SB-62	2/22/94	0.5000	0.5000	2,130,551.1	6,044,199.9	ARSENIC _HIST	40.0000	0.0000		MG/KG
AGI-SB-63	2/22/94	0.5000	0.5000	2,130,551.1	6,044,290.7	ARSENIC _HIST	46.0000	0.0000		MG/KG
BCS-BC-1	7/11/95	0.5000	1.0000	2,130,566.4	6,044,073.8	ARSENIC _ICP	73.0000	0.0000		MG/KG
BCS-BC-10	7/11/95	0.5000	1.0000	2,130,561.0	6,044,202.2	ARSENIC _ICP	63.0000	0.0000		MG/KG
BCS-BC-11	7/11/95	0.0000	0.5000	2,130,562.3	6,044,221.8	ARSENIC _ICP	63.0000	0.0000		MG/KG
BCS-BC-14	7/11/95	0.0000	0.5000	2,130,554.9	6,044,294.8	ARSENIC _ICP	3.6000	0.0000		MG/KG
BCS-BC-2	7/11/95	1.5000	2.0000	2,130,564.3	6,044,086.7	ARSENIC _ICP	80.0000	0.0000		MG/KG
BCS-BC-3	7/11/95	0.5000	0.8000	2,130,562.3	6,044,098.2	ARSENIC _ICP	58.0000	0.0000		MG/KG
BCS-BC-4	7/11/95	0.0000	0.5000	2,130,566.4	6,044,109.6	ARSENIC _ICP	52.0000	0.0000		MG/KG
BCS-BC-5	7/11/95	0.0000	0.5000	2,130,566.4	6,044,124.5	ARSENIC _ICP	56.0000	0.0000		MG/KG
BCS-BC-6	7/11/95	1.0000	1.5000	2,130,564.3	6,044,134.0	ARSENIC _ICP	63.0000	0.0000		MG/KG
BCS-BC-7	7/11/95	0.5000	1.0000	2,130,563.7	6,044,142.7	ARSENIC _ICP	79.0000	0.0000		MG/KG
BCS-BC-8	7/11/95	0.5000	1.0000	2,130,563.0	6,044,155.6	ARSENIC _ICP	46.0000	0.0000		MG/KG
BCS-BC-9	7/11/95	0.5000	1.0000	2,130,563.7	6,044,175.2	ARSENIC _ICP	73.0000	0.0000		MG/KG
BCS-P-1	7/11/95	0.0000	0.5000	2,130,552.8	6,044,251.5	ARSENIC _ICP	3.0000	0.0000		MG/KG
BCS-P-2	7/11/95	1.5000	2.0000	2,130,515.0	6,044,365.7	ARSENIC _ICP	13.0000	0.0000		MG/KG
BCS-P-3	7/11/95	1.0000	1.5000	2,130,497.4	6,044,374.5	ARSENIC _ICP	20.0000	0.0000		MG/KG
CS-00+16	6/26/97	1.5000	1.5000	2,130,284.4	6,044,955.7	ARSENIC _ICP	7.7000	1.0000		MG/KG
CS-00+41	6/26/97	1.5000	1.5000	2,130,287.5	6,044,979.1	ARSENIC _ICP	9.4000	1.0000		MG/KG
CS-00+66	6/26/97	1.5000	1.5000	2,130,295.7	6,045,002.0	ARSENIC _ICP	9.7000	1.0000		MG/KG
CS-00+91	6/26/97	1.5000	1.5000	2,130,301.2	6,045,021.4	ARSENIC _ICP	13.0000	1.0000		MG/KG
CS-01+16	6/26/97	1.5000	1.5000	2,130,309.6	6,045,050.5	ARSENIC _ICP	8.7000	1.0000		MG/KG
CS-01+41	6/27/97	1.5000	1.5000	2,130,313.1	6,045,072.8	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-01+66	6/27/97	1.5000	1.5000	2,130,323.3	6,045,094.7	ARSENIC _ICP	4.5000	1.0000		MG/KG
CS-01+91	6/27/97	1.5000	1.5000	2,130,330.4	6,045,116.1	ARSENIC _ICP	8.0000	1.0000		MG/KG
CS-02+16	6/27/97	1.5000	1.5000	2,130,333.7	6,045,134.5	ARSENIC _ICP	35.0000	1.0000		MG/KG
CS-02+41	7/22/97	1.5000	1.5000	2,130,338.8	6,045,152.4	ARSENIC _ICP	13.0000	1.0000		MG/KG
CS-02+70	7/7/97	1.5000	1.5000	2,130,343.0	6,045,170.6	ARSENIC _AA	12.0000	0.5000		MG/KG
CS-1	6/6/97	1.5000	1.5000	2,130,562.7	6,045,131.0	ARSENIC _ICP	10.0000	1.0000		MG/KG
CS-12+80	7/15/97	2.0000	2.0000	2,130,547.3	6,045,180.2	ARSENIC _ICP	8.7000	1.0000		MG/KG
CS-13+05	7/14/97	1.5000	1.5000	2,130,552.6	6,045,202.1	ARSENIC _ICP	6.5000	1.0000		MG/KG
CS-13+30	7/14/97	1.5000	1.5000	2,130,560.1	6,045,228.4	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-13+55	7/15/97	1.5000	1.5000	2,130,566.3	6,045,250.1	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-13+80	7/11/97	1.5000	1.5000	2,130,573.3	6,045,274.5	ARSENIC _ICP	10.0000	1.0000		MG/KG
CS-14+05	7/11/97	1.5000	1.5000	2,130,579.5	6,045,296.2	ARSENIC _ICP	8.9000	1.0000		MG/KG

TABLE E-1: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams, Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
CS-14+30	7/11/97	1.5000	1.5000	2,130,587.9	6,045,325.4	ARSENIC _ICP	8.6000	1.0000		MG/KG
CS-14+55	7/11/97	1.5000	1.5000	2,130,594.3	6,045,351.0	ARSENIC _ICP	4.9000	1.0000		MG/KG
CS-14+78	7/14/97	1.5000	1.5000	2,130,602.6	6,045,373.1	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-3	6/6/97	1.5000	1.5000	2,130,611.3	6,045,115.7	ARSENIC _ICP	8.4000	1.0000		MG/KG
CS-4	6/6/97	1.5000	1.5000	2,130,648.5	6,045,104.7	ARSENIC _ICP	20.0000	1.0000		MG/KG
CS-99+41	6/26/97	1.5000	1.5000	2,130,264.2	6,044,887.5	ARSENIC _ICP	27.0000	1.0000		MG/KG
CS-99+66	6/26/97	1.5000	1.5000	2,130,270.8	6,044,908.5	ARSENIC _ICP	5.2000	1.0000		MG/KG
CS-99+91	6/26/97	1.5000	1.5000	2,130,276.5	6,044,931.8	ARSENIC _ICP	5.1000	1.0000		MG/KG
CS-E10+35	7/3/97	2.0000	2.0000	2,131,012.4	6,045,047.9	ARSENIC _ICP	11.0000	1.0000		MG/KG
CS-E10+60	7/3/97	2.0000	2.0000	2,131,034.0	6,045,041.7	ARSENIC _ICP	13.0000	1.0000		MG/KG
CS-E10+85	7/2/97	2.0000	2.0000	2,131,055.0	6,045,036.7	ARSENIC _ICP	18.0000	1.0000		MG/KG
CS-E11+12	7/2/97	2.0000	2.0000	2,131,074.7	6,045,031.0	ARSENIC _ICP	10.0000	1.0000		MG/KG
CS-E11+35	7/2/97	2.0000	2.0000	2,131,094.2	6,045,024.4	ARSENIC _ICP	9.0000	1.0000		MG/KG
CS-E11+60	7/2/97	2.0000	2.0000	2,131,116.8	6,045,017.9	ARSENIC _ICP	8.1000	1.0000		MG/KG
CS-E11+85	7/2/97	2.0000	2.0000	2,131,141.3	6,045,010.9	ARSENIC _ICP	5.4000	1.0000		MG/KG
CS-E5+39	6/18/97	2.0000	2.0000	2,130,578.8	6,045,169.1	ARSENIC _ICP	6.9000	1.0000		MG/KG
CS-E5+63	6/18/97	2.0000	2.0000	2,130,606.0	6,045,161.3	ARSENIC _ICP	15.0000	1.0000		MG/KG
CS-E5+87	6/18/97	2.0000	2.0000	2,130,620.8	6,045,156.1	ARSENIC _ICP	10.0000	1.0000		MG/KG
CS-E6+10	6/19/97	2.0000	2.0000	2,130,643.7	6,045,150.5	ARSENIC _ICP	19.0000	1.0000		MG/KG
CS-E6+35	6/19/97	2.0000	2.0000	2,130,660.6	6,045,145.7	ARSENIC _ICP	9.4000	1.0000		MG/KG
CS-E6+60	7/15/97	2.0000	2.0000	2,130,683.2	6,045,139.2	ARSENIC _ICP	9.0000	1.0000		MG/KG
CS-E6+85	7/16/97	2.0000	2.0000	2,130,703.8	6,045,136.3	ARSENIC _ICP	7.4000	1.0000		MG/KG
CS-E7+10	7/16/97	2.0000	2.0000	2,130,723.9	6,045,128.5	ARSENIC _ICP	5.9000	1.0000		MG/KG
CS-E7+35	7/16/97	2.0000	2.0000	2,130,741.5	6,045,122.5	ARSENIC _ICP	8.7000	1.0000		MG/KG
CS-E7+60	7/17/97	2.0000	2.0000	2,130,765.9	6,045,118.5	ARSENIC _ICP	17.0000	1.0000		MG/KG
CS-E8+85	7/17/97	2.0000	2.0000	2,130,883.5	6,045,084.8	ARSENIC _ICP	50.0000	1.0000		MG/KG
CS-E9+12	7/16/97	2.0000	2.0000	2,130,904.8	6,045,077.7	ARSENIC _ICP	20.0000	1.0000		MG/KG
CS-E9+35	7/16/97	2.0000	2.0000	2,130,926.7	6,045,072.4	ARSENIC _ICP	42.0000	1.0000		MG/KG
CS-E9+60	7/16/97	2.0000	2.0000	2,130,950.5	6,045,066.6	ARSENIC _ICP	45.0000	1.0000		MG/KG
CS-E9+85	7/17/97	2.0000	2.0000	2,130,971.0	6,045,059.7	ARSENIC _ICP	19.0000	1.0000		MG/KG
CS-W3+45	7/1/97	1.5000	1.5000	2,130,378.3	6,045,183.8	ARSENIC _ICP	11.0000	1.0000		MG/KG
CS-W3+70	7/1/97	1.5000	1.5000	2,130,400.9	6,045,177.4	ARSENIC _ICP	13.0000	1.0000		MG/KG
CS-W3+95	7/1/97	1.5000	1.5000	2,130,422.5	6,045,171.2	ARSENIC _ICP	25.0000	1.0000		MG/KG
CS-W4+45	7/1/97	1.5000	1.5000	2,130,443.9	6,045,164.0	ARSENIC _ICP	13.0000	1.0000		MG/KG
CS-W4+70	7/1/97	1.5000	1.5000	2,130,462.7	6,045,158.6	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-W4+95	7/1/97	1.5000	1.5000	2,130,494.3	6,045,150.6	ARSENIC _ICP	14.0000	1.0000		MG/KG

TABLE E-1: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams, Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
CS-W5+20	7/1/97	1.5000	1.5000	2,130,528.1	6,045,139.9	ARSENIC _ICP	6.1000	1.0000		MG/KG
CS-W6+85	7/10/97	1.5000	1.5000	2,130,690.7	6,045,093.0	ARSENIC _ICP	18.0000	1.0000		MG/KG
CS-W7+03	7/10/97	1.5000	1.5000	2,130,709.7	6,045,089.3	ARSENIC _ICP	37.0000	1.0000		MG/KG
CS-W9+56	7/8/97	1.5000	1.5000	2,130,936.9	6,045,022.7	ARSENIC _ICP	8.2000	1.0000		MG/KG
CS2+70-FP	7/7/97	1.0000	1.0000	2,130,350.5	6,045,189.8	ARSENIC _AA	10.0000	0.5000		MG/KG
EKI-CH-1	11/12/96	1.5000	2.0000	2,130,918.3	6,045,015.7	ARSENIC _ICP	1500.0000	0.0000		MG/KG
EKI-CH-10	11/12/96	1.5000	2.0000	2,130,866.9	6,044,824.4	ARSENIC _ICP	930.0000	0.0000		MG/KG
EKI-CH-1B	11/12/96	1.5000	2.0000	2,130,912.8	6,045,019.3	ARSENIC _ICP	960.0000	0.0000		MG/KG
EKI-CH-2	11/12/96	1.0000	1.5000	2,130,889.1	6,045,010.3	ARSENIC _ICP	750.0000	0.0000		MG/KG
EKI-CH-3	11/12/96	1.0000	1.5000	2,130,907.0	6,044,973.4	ARSENIC _ICP	920.0000	0.0000		MG/KG
EKI-CH-4	11/12/96	1.0000	1.5000	2,130,895.0	6,044,982.8	ARSENIC _ICP	780.0000	0.0000		MG/KG
EKI-CH-5	11/12/96	1.5000	2.0000	2,130,882.4	6,044,929.4	ARSENIC _ICP	1100.0000	0.0000		MG/KG
EKI-CH-6	11/12/96	1.5000	2.0000	2,130,889.2	6,044,907.8	ARSENIC _ICP	1900.0000	0.0000		MG/KG
EKI-CH-7	11/12/96	1.0000	1.5000	2,130,855.6	6,044,917.5	ARSENIC _ICP	580.0000	0.0000		MG/KG
EKI-CH-8	11/12/96	1.0000	1.5000	2,130,850.8	6,044,896.4	ARSENIC _ICP	700.0000	0.0000		MG/KG
EKI-CH-9	11/12/96	1.5000	2.0000	2,130,855.3	6,044,853.1	ARSENIC _ICP	610.0000	0.0000		MG/KG
GS-2	9/5/97	2.0000	2.0000	2,130,813.2	6,045,128.4	ARSENIC _ICP	6.6000	1.0000		MG/KG
GS-SW-1	9/3/97	1.0000	1.0000	2,130,818.4	6,045,118.0	ARSENIC _ICP	52.0000	1.0000		MG/KG
GS-SW-2	9/5/97	1.0000	1.0000	2,130,805.5	6,045,126.0	ARSENIC _ICP	8.4000	1.0000		MG/KG
HAR-HASS10	6/9/97	0.0000	0.5000	2,131,376.3	6,044,055.0	ARSENIC _ICP	21.0000	0.0000		MG/KG
HAR-HASS11	6/9/97	0.0000	0.5000	2,131,295.3	6,044,064.8	ARSENIC _ICP	7.3000	0.0000		MG/KG
HS-75	7/23/97	0.5000	0.5000	2,130,922.1	6,045,061.4	ARSENIC _ICP	3.8000	1.0000		MG/KG
HS-76	7/23/97	0.5000	0.5000	2,130,916.7	6,045,043.8	ARSENIC _ICP	4.3000	1.0000		MG/KG
HS-77	7/23/97	0.5000	0.5000	2,130,843.5	6,045,060.7	ARSENIC _ICP	2.0000	1.0000		MG/KG
HS-78	7/23/97	0.5000	0.5000	2,130,848.9	6,045,079.0	ARSENIC _ICP	21.0000	1.0000		MG/KG
HS-80	7/23/97	0.5000	0.5000	2,130,777.7	6,045,081.1	ARSENIC _ICP	6.9000	1.0000		MG/KG
HS-81	7/23/97	0.5000	0.5000	2,130,720.0	6,045,096.7	ARSENIC _ICP	51.0000	1.0000		MG/KG
HS-82	7/23/97	0.5000	0.5000	2,130,726.8	6,045,116.3	ARSENIC _ICP	15.0000	1.0000		MG/KG
HS-83	7/23/97	0.5000	0.5000	2,130,653.6	6,045,136.7	ARSENIC _ICP	23.0000	1.0000		MG/KG
LF-12	11/2/89	1.5000	2.0000	2,130,813.8	6,045,074.4	ARSENIC _UNK	3.7000	0.0000		MG/KG
LF-6	5/16/89	1.5000	2.0000	2,131,006.1	6,044,715.6	ARSENIC _UNK	6.2000	0.0000		MG/KG
MYC-B-3	10/1/90	1.0000	1.0000	2,130,857.5	6,044,344.0	ARSENIC _HIST	7.9000	0.0000		MG/KG
MYC-B-5	10/1/90	1.0000	1.0000	2,130,970.3	6,044,336.3	ARSENIC _HIST	8.1000	0.0000		MG/KG
MYC-W-3	10/1/90	1.0000	1.0000	2,130,664.2	6,044,187.4	ARSENIC _HIST	40.0000	0.0000		MG/KG
MYC-W-4	10/1/90	1.0000	1.0000	2,130,597.7	6,044,030.1	ARSENIC _HIST	21.0000	0.0000		MG/KG
PS-E3+16	9/9/97	2.0000	2.0000	2,130,369.8	6,045,232.1	ARSENIC _ICP	5.8000	1.0000		MG/KG

TABLE E-1: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams, Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
PS-E4+22	9/5/97	2.0000	2.0000	2,130,433.7	6,045,213.8	ARSENIC _ICP	7.8000	1.0000		MG/KG
SB-11	5/16/89	1.5000	2.0000	2,131,044.9	6,044,692.0	ARSENIC _UNK	22.0000	0.0000		MG/KG
SB-13	5/17/89	1.5000	2.0000	2,131,146.3	6,044,691.4	ARSENIC _UNK	16.0000	0.0000		MG/KG
SB-14	5/17/89	1.5000	2.0000	2,131,107.1	6,044,701.2	ARSENIC _UNK	37.0000	0.0000		MG/KG
SB-27	4/18/90	2.0000	2.0000	2,130,893.6	6,044,993.4	ARSENIC _UNK	2200.0000	0.0000		MG/KG
SB-28	4/18/90	2.0000	2.0000	2,130,818.8	6,045,022.8	ARSENIC _UNK	5.0000	0.0000		MG/KG
SB-29	4/18/90	2.0000	2.0000	2,130,757.3	6,045,039.8	ARSENIC _UNK	8.0000	0.0000		MG/KG
SB-30	4/18/90	2.0000	2.0000	2,130,708.6	6,045,061.2	ARSENIC _UNK	4.0000	0.0000		MG/KG
SB-31	4/18/90	2.0000	2.0000	2,130,728.4	6,045,027.2	ARSENIC _UNK	10.0000	0.0000		MG/KG
SB-32	4/18/90	2.0000	2.0000	2,130,771.0	6,045,012.6	ARSENIC _UNK	18.0000	0.0000		MG/KG
SB-33	4/18/90	2.0000	2.0000	2,130,814.6	6,045,004.5	ARSENIC _UNK	4.0000	0.0000		MG/KG
SB-34	4/18/90	2.0000	2.0000	2,130,848.3	6,044,997.3	ARSENIC _UNK	10.0000	0.0000		MG/KG
SB-35	4/18/90	2.0000	2.0000	2,130,880.5	6,044,960.1	ARSENIC _UNK	2200.0000	0.0000		MG/KG
SB-36	4/18/90	2.0000	2.0000	2,130,875.2	6,044,923.5	ARSENIC _UNK	710.0000	0.0000		MG/KG
SB-38	4/18/90	2.0000	2.0000	2,130,831.5	6,044,971.5	ARSENIC _UNK	12000.0000	0.0000		MG/KG
SB-39	4/18/90	2.0000	2.0000	2,130,775.4	6,044,984.0	ARSENIC _UNK	4200.0000	0.0000		MG/KG
SB-40	4/18/90	2.0000	2.0000	2,130,699.5	6,045,011.6	ARSENIC _UNK	96.0000	0.0000		MG/KG
SB-7AB	5/18/89	1.5000	2.0000	2,130,988.5	6,044,689.5	ARSENIC _UNK	130.0000	0.0000		MG/KG
SB-8AB	5/16/89	1.5000	2.0000	2,131,010.1	6,044,664.7	ARSENIC _UNK	7.5000	0.0000		MG/KG
SB-9	5/16/89	1.5000	2.0000	2,131,017.1	6,044,692.1	ARSENIC _UNK	26.0000	0.0000		MG/KG
SBGR-15	11/9/93	1.5000	2.0000	2,131,543.0	6,045,060.8	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
SW-09+68	7/8/97	0.4000	0.4000	2,130,950.3	6,045,020.4	ARSENIC _ICP	5.3000	1.0000		MG/KG
SW-11+95	7/3/97	0.5000	0.5000	2,131,152.7	6,045,010.2	ARSENIC _ICP	14.0000	1.0000		MG/KG
SW-14+85	7/14/97	0.4000	0.4000	2,130,607.2	6,045,389.1	ARSENIC _ICP	4.4000	1.0000		MG/KG
SW-2BD	7/14/88	1.5000	2.0000	2,130,644.4	6,044,903.0	ARSENIC _UNK	0.0000	15.0000	ND	MG/KG
SW-3A	7/14/88	1.5000	2.0000	2,130,686.6	6,044,856.9	ARSENIC _UNK	0.0000	15.0000	ND	MG/KG
SW-99+29	7/3/97	1.0000	1.0000	2,130,256.4	6,044,861.4	ARSENIC _ICP	41.0000	1.0000		MG/KG
TCK-SS-1	11/3/93	0.0000	0.0000	2,131,355.8	6,044,611.5	ARSENIC _AA	4.0000	1.0000		MG/KG
TCK-SS-2	11/3/93	0.0000	0.0000	2,131,317.5	6,044,565.8	ARSENIC _AA	4.0000	1.0000		MG/KG
TCK-SS-3	11/3/93	0.0000	0.0000	2,131,311.6	6,044,552.7	ARSENIC _AA	39.0000	1.0000		MG/KG
TCK-SS-4	11/3/93	0.0000	0.0000	2,131,267.1	6,044,397.5	ARSENIC _AA	4.0000	1.0000		MG/KG
V2-W8+20	7/8/97	0.0000	0.0000	2,130,822.7	6,045,057.4	ARSENIC _ICP	290.0000	1.0000		MG/KG

TABLE E-2: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
45-1	7/23/97	1.5000	1.5000	2,130,508.9	6,045,217.0	LEAD _ICP	25.0000	1.0000		MG/KG
45-2	7/23/97	1.5000	1.5000	2,130,528.0	6,045,293.4	LEAD _ICP	9.3000	1.0000		MG/KG
45-3	7/23/97	1.5000	1.5000	2,130,542.8	6,045,342.0	LEAD _ICP	7.8000	1.0000		MG/KG
45-4	7/23/97	1.5000	1.5000	2,130,556.2	6,045,387.3	LEAD _ICP	8.1000	1.0000		MG/KG
AA9101	1/18/91	2.0000	2.0000	2,130,670.4	6,045,006.0	LEAD _UNK	25.0000	0.0000		MG/KG
AA9102	1/17/91	2.0000	2.0000	2,130,787.3	6,044,956.7	LEAD _UNK	1600.0000	0.0000		MG/KG
AA9103	1/17/91	2.0000	2.0000	2,130,748.9	6,044,966.7	LEAD _UNK	1400.0000	0.0000		MG/KG
AA9104	1/18/91	2.0000	2.0000	2,130,880.3	6,044,906.7	LEAD _UNK	330.0000	0.0000		MG/KG
AA9105	1/18/91	2.0000	2.0000	2,130,861.5	6,044,910.8	LEAD _UNK	4900.0000	0.0000		MG/KG
AA9106	1/18/91	2.0000	2.0000	2,130,819.6	6,044,918.9	LEAD _UNK	120.0000	0.0000		MG/KG
AA9107	1/17/91	2.0000	2.0000	2,130,779.5	6,044,924.8	LEAD _UNK	1700.0000	0.0000		MG/KG
AA9108	1/17/91	2.0000	2.0000	2,130,743.6	6,044,930.7	LEAD _UNK	52.0000	0.0000		MG/KG
AA9109	1/18/91	2.0000	2.0000	2,130,849.8	6,044,867.6	LEAD _UNK	49000.0000	0.0000		MG/KG
AA9110	1/17/91	2.0000	2.0000	2,130,814.3	6,044,879.4	LEAD _UNK	20000.0000	0.0000		MG/KG
AA9111	1/17/91	2.0000	2.0000	2,130,770.6	6,044,888.7	LEAD _UNK	530.0000	0.0000		MG/KG
AA9112	1/17/91	2.0000	2.0000	2,130,732.8	6,044,899.9	LEAD _UNK	48.0000	0.0000		MG/KG
AA9113	6/13/91	2.0000	2.0000	2,130,867.1	6,044,800.5	LEAD _UNK	7.0000	0.0000		MG/KG
AA9114	6/13/91	2.0000	2.0000	2,130,839.8	6,044,824.5	LEAD _UNK	12.0000	0.0000		MG/KG
AA9115	6/13/91	2.0000	2.0000	2,130,797.4	6,044,830.8	LEAD _UNK	116.0000	0.0000		MG/KG
AA9116	6/13/91	2.0000	2.0000	2,130,769.0	6,044,837.6	LEAD _UNK	121.0000	0.0000		MG/KG
AA9117	6/12/91	2.0000	2.0000	2,130,731.6	6,044,844.7	LEAD _UNK	7.0000	0.0000		MG/KG
AA9118	6/12/91	2.0000	2.0000	2,130,709.2	6,044,923.3	LEAD _UNK	44.0000	0.0000		MG/KG
AA9119	6/12/91	2.0000	2.0000	2,130,675.0	6,044,944.6	LEAD _UNK	930.0000	0.0000		MG/KG
AA9120	6/13/91	2.0000	2.0000	2,130,889.1	6,044,788.9	LEAD _UNK	12.0000	0.0000		MG/KG
AA9121	6/13/91	2.0000	2.0000	2,130,838.0	6,044,794.4	LEAD _UNK	31.0000	0.0000		MG/KG
AA9122	6/13/91	2.0000	2.0000	2,130,754.9	6,044,820.8	LEAD _UNK	32.0000	0.0000		MG/KG
AA9123	6/12/91	2.0000	2.0000	2,130,684.7	6,044,893.8	LEAD _UNK	6.0000	0.0000		MG/KG
AA9124	6/12/91	2.0000	2.0000	2,130,670.0	6,044,913.9	LEAD _UNK	6.0000	0.0000		MG/KG
AGI-1787-4	1/7/87	2.0000	2.0000	2,130,402.9	6,044,234.1	LEAD _HIST	4964.2000	0.0000		MG/KG
AGI-1787-5	1/7/87	1.0000	1.0000	2,130,315.5	6,044,287.6	LEAD _HIST	441.3000	0.0000		MG/KG
AGI-1787-6	1/7/87	2.0000	2.0000	2,130,190.8	6,044,271.8	LEAD _HIST	183.3000	0.0000		MG/KG
AGI-BH-1	2/1/87	1.0000	1.0000	2,130,398.9	6,044,263.7	LEAD _HIST	150.0000	0.0000		MG/KG
AGI-BH-2	2/1/87	1.0000	1.0000	2,130,380.5	6,044,218.8	LEAD _HIST	13000.0000	0.0000		MG/KG
AGI-FT-04	10/1/87	2.0000	2.0000	2,130,399.3	6,044,281.2	LEAD _HIST	1055.7000	0.0000		MG/KG
AGI-FT-05	10/1/87	2.0000	2.0000	2,130,382.8	6,044,252.9	LEAD _HIST	2733.8000	0.0000		MG/KG

TABLE E-2: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-FT-06	10/1/87	2.0000	2.0000	2,130,391.1	6,044,190.5	LEAD _HIST	2263.0000	0.0000		MG/KG
AGI-FT-07	10/1/87	2.0000	2.0000	2,130,394.6	6,044,159.8	LEAD _HIST	3539.2000	0.0000		MG/KG
AGI-FT-08	10/1/87	2.0000	2.0000	2,130,426.4	6,044,190.5	LEAD _HIST	942.2000	0.0000		MG/KG
AGI-FT-09	10/1/87	2.0000	2.0000	2,130,426.4	6,044,209.3	LEAD _HIST	136.3000	0.0000		MG/KG
AGI-FT-10	10/1/87	2.0000	2.0000	2,130,426.4	6,044,258.8	LEAD _HIST	781.5000	0.0000		MG/KG
AGI-FT-11	10/1/87	2.0000	2.0000	2,130,427.6	6,044,227.0	LEAD _HIST	1841.2000	0.0000		MG/KG
AGI-FT-12	10/1/87	2.0000	2.0000	2,130,314.5	6,044,237.6	LEAD _HIST	208.3000	0.0000		MG/KG
AGI-FT-13	10/1/87	2.0000	2.0000	2,130,289.8	6,044,282.4	LEAD _HIST	87.8000	0.0000		MG/KG
AGI-FT-14	10/1/87	2.0000	2.0000	2,130,275.6	6,044,216.4	LEAD _HIST	70.6000	0.0000		MG/KG
AGI-FT-15	10/1/87	1.5000	1.5000	2,130,254.4	6,044,218.8	LEAD _HIST	134.6000	0.0000		MG/KG
AGI-MW-10	7/30/93	0.5000	0.5000	2,129,787.5	6,044,350.0	LEAD _HIST	111.0000	0.0000		MG/KG
AGI-MW-15	7/1/93	0.5000	0.5000	2,130,556.9	6,044,087.9	LEAD _HIST	550.0000	0.0000		MG/KG
AGI-MW-16	7/1/93	0.5000	0.5000	2,129,950.4	6,044,159.8	LEAD _HIST	2400.0000	0.0000		MG/KG
AGI-MW-2B	8/10/93	0.5000	1.0000	2,130,091.8	6,044,308.3	LEAD _HIST	53.0000	0.0000		MG/KG
AGI-MW-5	7/30/93	0.5000	0.5000	2,130,465.3	6,044,016.1	LEAD _HIST	3770.0000	0.0000		MG/KG
AGI-MW-6	7/28/93	0.5000	0.5000	2,130,444.1	6,044,242.3	LEAD _HIST	1910.0000	0.0000		MG/KG
AGI-MW-8	7/1/93	0.5000	0.5000	2,130,513.6	6,044,391.8	LEAD _HIST	679.0000	0.0000		MG/KG
AGI-MW-9	7/26/93	1.0000	1.0000	2,129,998.5	6,044,376.6	LEAD _HIST	1890.0000	0.0000		MG/KG
AGI-SB-01	7/20/93	0.5000	0.5000	2,130,499.0	6,044,147.8	LEAD _HIST	386.0000	0.0000		MG/KG
AGI-SB-02	7/22/93	1.0000	1.0000	2,130,439.1	6,044,294.6	LEAD _HIST	1850.0000	0.0000		MG/KG
AGI-SB-05	8/2/93	0.5000	0.5000	2,130,514.4	6,044,286.9	LEAD _HIST	2140.0000	0.0000		MG/KG
AGI-SB-09	7/22/93	1.0000	1.0000	2,130,372.2	6,044,252.9	LEAD _HIST	14900.0000	0.0000		MG/KG
AGI-SB-10	7/22/93	1.0000	1.0000	2,130,386.4	6,044,231.0	LEAD _HIST	16800.0000	0.0000		MG/KG
AGI-SB-13	7/26/93	1.0000	1.0000	2,130,390.0	6,044,369.0	LEAD _HIST	888.0000	0.0000		MG/KG
AGI-SB-14	7/26/93	1.0000	1.0000	2,130,300.7	6,044,369.0	LEAD _HIST	757.0000	0.0000		MG/KG
AGI-SB-15	7/26/93	1.0000	1.0000	2,130,258.9	6,044,363.3	LEAD _HIST	1040.0000	0.0000		MG/KG
AGI-SB-16	7/26/93	1.0000	1.0000	2,130,222.8	6,044,357.6	LEAD _HIST	271.0000	0.0000		MG/KG
AGI-SB-17	7/30/93	0.5000	0.5000	2,130,133.4	6,044,351.9	LEAD _HIST	38.0000	0.0000		MG/KG
AGI-SB-18	7/27/93	0.5000	0.5000	2,130,093.5	6,044,344.3	LEAD _HIST	237.0000	0.0000		MG/KG
AGI-SB-19	8/31/93	1.0000	1.0000	2,130,229.7	6,044,291.8	LEAD _HIST	2650.0000	0.0000		MG/KG
AGI-SB-20	7/21/93	1.0000	1.0000	2,130,091.8	6,044,268.3	LEAD _HIST	2300.0000	0.0000		MG/KG
AGI-SB-21	7/21/93	1.0000	1.0000	2,130,077.7	6,044,282.4	LEAD _HIST	37.0000	0.0000		MG/KG
AGI-SB-22	7/22/93	1.0000	1.0000	2,130,065.0	6,044,370.9	LEAD _HIST	105.0000	0.0000		MG/KG
AGI-SB-23	8/2/93	0.5000	0.5000	2,130,044.1	6,044,391.8	LEAD _HIST	28.0000	0.0000		MG/KG
AGI-SB-27	7/27/93	0.5000	0.5000	2,129,986.7	6,044,315.3	LEAD _HIST	224.0000	0.0000		MG/KG

TABLE E-2: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-SB-28	7/27/93	0.5000	0.5000	2,129,724.8	6,044,332.9	LEAD _HIST	201.0000	0.0000		MG/KG
AGI-SB-29	7/27/93	0.5000	0.5000	2,129,662.0	6,044,334.8	LEAD _HIST	23.0000	0.0000		MG/KG
AGI-SB-47	7/21/93	0.5000	0.5000	2,130,386.4	6,044,010.2	LEAD _HIST	434.0000	0.0000		MG/KG
AGI-SB-48	7/21/93	1.0000	1.0000	2,130,294.5	6,044,017.3	LEAD _HIST	595.0000	0.0000		MG/KG
AGI-SB-50	7/21/93	1.0000	1.0000	2,130,384.0	6,044,103.3	LEAD _HIST	1310.0000	0.0000		MG/KG
AGI-SB-51	7/21/93	0.5000	0.5000	2,130,243.8	6,044,080.9	LEAD _HIST	82.0000	0.0000		MG/KG
AGI-SB-52	7/21/93	0.5000	0.5000	2,130,067.0	6,044,151.6	LEAD _HIST	6640.0000	0.0000		MG/KG
AGI-SB-53	7/21/93	1.0000	1.0000	2,129,817.1	6,044,153.6	LEAD _HIST	19900.0000	0.0000		MG/KG
AGI-SB-54	7/27/93	0.5000	0.5000	2,129,842.2	6,044,211.5	LEAD _HIST	1490.0000	0.0000		MG/KG
AGI-SB-55	7/27/93	0.5000	0.5000	2,129,828.7	6,044,267.5	LEAD _HIST	990.0000	0.0000		MG/KG
AGI-SB-56	7/21/93	0.5000	0.5000	2,130,001.1	6,044,228.2	LEAD _HIST	295.0000	0.0000		MG/KG
AGI-SB-57	7/21/93	1.0000	1.0000	2,130,137.7	6,044,189.3	LEAD _HIST	527.0000	0.0000		MG/KG
AGI-SB-58	8/31/93	1.0000	1.0000	2,130,442.9	6,044,159.8	LEAD _HIST	2150.0000	0.0000		MG/KG
AGI-SB-59	8/31/93	1.0000	1.0000	2,130,508.6	6,044,001.0	LEAD _HIST	410.0000	0.0000		MG/KG
AGI-SB-62	2/22/94	0.5000	0.5000	2,130,551.1	6,044,199.9	LEAD _HIST	69.0000	0.0000		MG/KG
BCS-BC-1	7/11/95	0.5000	1.0000	2,130,566.4	6,044,073.8	LEAD _ICP	85.0000	0.0000		MG/KG
BCS-BC-10	7/11/95	0.5000	1.0000	2,130,561.0	6,044,202.2	LEAD _ICP	74.0000	0.0000		MG/KG
BCS-BC-11	7/11/95	0.0000	0.5000	2,130,562.3	6,044,221.8	LEAD _ICP	42.0000	0.0000		MG/KG
BCS-BC-2	7/11/95	0.5000	1.0000	2,130,564.3	6,044,086.7	LEAD _ICP	300.0000	0.0000		MG/KG
BCS-BC-3	7/11/95	0.5000	0.8000	2,130,562.3	6,044,098.2	LEAD _ICP	380.0000	0.0000		MG/KG
BCS-BC-4	7/11/95	0.0000	0.5000	2,130,566.4	6,044,109.6	LEAD _ICP	97.0000	0.0000		MG/KG
BCS-BC-5	7/11/95	0.0000	0.5000	2,130,566.4	6,044,124.5	LEAD _ICP	31.0000	0.0000		MG/KG
BCS-BC-6	7/11/95	1.0000	1.5000	2,130,564.3	6,044,134.0	LEAD _ICP	69.0000	0.0000		MG/KG
BCS-BC-7	7/11/95	0.5000	1.0000	2,130,563.7	6,044,142.7	LEAD _ICP	50.0000	0.0000		MG/KG
BCS-BC-8	7/11/95	0.5000	1.0000	2,130,563.0	6,044,155.6	LEAD _ICP	37.0000	0.0000		MG/KG
BCS-BC-9	7/11/95	0.5000	1.0000	2,130,563.7	6,044,175.2	LEAD _ICP	110.0000	0.0000		MG/KG
BCS-P-1	7/11/95	0.0000	0.5000	2,130,552.8	6,044,251.5	LEAD _ICP	86.0000	0.0000		MG/KG
BCS-P-2	7/11/95	0.0000	0.5000	2,130,515.0	6,044,365.7	LEAD _ICP	630.0000	0.0000		MG/KG
BCS-P-3	7/11/95	1.0000	1.5000	2,130,497.4	6,044,374.5	LEAD _ICP	990.0000	0.0000		MG/KG
CS-00+16	6/26/97	1.5000	1.5000	2,130,284.4	6,044,955.7	LEAD _ICP	20.0000	1.0000		MG/KG
CS-00+41	6/26/97	1.5000	1.5000	2,130,287.5	6,044,979.1	LEAD _ICP	290.0000	1.0000		MG/KG
CS-00+66	6/26/97	1.5000	1.5000	2,130,295.7	6,045,002.0	LEAD _ICP	180.0000	1.0000		MG/KG
CS-00+91	6/26/97	1.5000	1.5000	2,130,301.2	6,045,021.4	LEAD _ICP	110.0000	1.0000		MG/KG
CS-01+16	6/26/97	1.5000	1.5000	2,130,309.6	6,045,050.5	LEAD _ICP	23.0000	1.0000		MG/KG
CS-01+41	6/27/97	1.5000	1.5000	2,130,313.1	6,045,072.8	LEAD _ICP	28.0000	1.0000		MG/KG

TABLE E-2: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
CS-01+66	6/27/97	1.5000	1.5000	2,130,323.3	6,045,094.7	LEAD _ICP	31.0000	1.0000		MG/KG
CS-01+91	6/27/97	1.5000	1.5000	2,130,330.4	6,045,116.1	LEAD _ICP	120.0000	1.0000		MG/KG
CS-02+16	6/27/97	1.5000	1.5000	2,130,333.7	6,045,134.5	LEAD _ICP	220.0000	1.0000		MG/KG
CS-02+41	7/22/97	1.5000	1.5000	2,130,338.8	6,045,152.4	LEAD _ICP	220.0000	1.0000		MG/KG
CS-02+70	7/7/97	1.5000	1.5000	2,130,343.0	6,045,170.6	LEAD _AA	170.0000	3.0000		MG/KG
CS-1	6/6/97	1.5000	1.5000	2,130,562.7	6,045,131.0	LEAD _ICP	120.0000	1.0000		MG/KG
CS-12+80	7/15/97	2.0000	2.0000	2,130,547.3	6,045,180.2	LEAD _ICP	82.0000	1.0000		MG/KG
CS-13+05	7/14/97	1.5000	1.5000	2,130,552.6	6,045,202.1	LEAD _ICP	400.0000	1.0000		MG/KG
CS-13+30	7/14/97	1.5000	1.5000	2,130,560.1	6,045,228.4	LEAD _ICP	95.0000	1.0000		MG/KG
CS-13+55	7/15/97	1.5000	1.5000	2,130,566.3	6,045,250.1	LEAD _ICP	48.0000	1.0000		MG/KG
CS-13+80	7/11/97	1.5000	1.5000	2,130,573.3	6,045,274.5	LEAD _ICP	48.0000	1.0000		MG/KG
CS-14+05	7/11/97	1.5000	1.5000	2,130,579.5	6,045,296.2	LEAD _ICP	30.0000	1.0000		MG/KG
CS-14+30	7/11/97	1.5000	1.5000	2,130,587.9	6,045,325.4	LEAD _ICP	17.0000	1.0000		MG/KG
CS-14+55	7/11/97	1.5000	1.5000	2,130,594.3	6,045,351.0	LEAD _ICP	22.0000	1.0000		MG/KG
CS-14+78	7/14/97	1.5000	1.5000	2,130,602.6	6,045,373.1	LEAD _ICP	34.0000	1.0000		MG/KG
CS-3	6/6/97	1.5000	1.5000	2,130,611.3	6,045,115.7	LEAD _ICP	39.0000	1.0000		MG/KG
CS-4	6/6/97	1.5000	1.5000	2,130,648.5	6,045,104.7	LEAD _ICP	71.0000	1.0000		MG/KG
CS-99+41	6/26/97	1.5000	1.5000	2,130,264.2	6,044,887.5	LEAD _ICP	50.0000	1.0000		MG/KG
CS-99+66	6/26/97	1.5000	1.5000	2,130,270.8	6,044,908.5	LEAD _ICP	160.0000	1.0000		MG/KG
CS-99+91	6/26/97	1.5000	1.5000	2,130,276.5	6,044,931.8	LEAD _ICP	84.0000	1.0000		MG/KG
CS-E10+35	7/3/97	2.0000	2.0000	2,131,012.4	6,045,047.9	LEAD _ICP	130.0000	1.0000		MG/KG
CS-E10+60	7/3/97	2.0000	2.0000	2,131,034.0	6,045,041.7	LEAD _ICP	120.0000	1.0000		MG/KG
CS-E10+85	7/2/97	2.0000	2.0000	2,131,055.0	6,045,036.7	LEAD _ICP	120.0000	1.0000		MG/KG
CS-E11+12	7/2/97	2.0000	2.0000	2,131,074.7	6,045,031.0	LEAD _ICP	100.0000	1.0000		MG/KG
CS-E11+35	7/2/97	2.0000	2.0000	2,131,094.2	6,045,024.4	LEAD _ICP	100.0000	1.0000		MG/KG
CS-E11+60	7/2/97	2.0000	2.0000	2,131,116.8	6,045,017.9	LEAD _ICP	98.0000	1.0000		MG/KG
CS-E11+85	7/2/97	2.0000	2.0000	2,131,141.3	6,045,010.9	LEAD _ICP	180.0000	1.0000		MG/KG
CS-E5+39	6/18/97	2.0000	2.0000	2,130,578.8	6,045,169.1	LEAD _ICP	22.0000	1.0000		MG/KG
CS-E5+63	6/18/97	2.0000	2.0000	2,130,606.0	6,045,161.3	LEAD _ICP	63.0000	1.0000		MG/KG
CS-E5+87	6/18/97	2.0000	2.0000	2,130,620.8	6,045,156.1	LEAD _ICP	38.0000	1.0000		MG/KG
CS-E6+10	6/19/97	2.0000	2.0000	2,130,643.7	6,045,150.5	LEAD _ICP	72.0000	1.0000		MG/KG
CS-E6+35	6/19/97	2.0000	2.0000	2,130,660.6	6,045,145.7	LEAD _ICP	26.0000	1.0000		MG/KG
CS-E6+60	7/15/97	2.0000	2.0000	2,130,683.2	6,045,139.2	LEAD _ICP	36.0000	1.0000		MG/KG
CS-E6+85	7/16/97	2.0000	2.0000	2,130,703.8	6,045,136.3	LEAD _ICP	19.0000	1.0000		MG/KG
CS-E7+10	7/16/97	2.0000	2.0000	2,130,723.9	6,045,128.5	LEAD _ICP	14.0000	1.0000		MG/KG

TABLE E-2: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
CS-E7+35	7/16/97	2.0000	2.0000	2,130,741.5	6,045,122.5	LEAD _ICP	9.0000	1.0000		MG/KG
CS-E7+60	7/17/97	2.0000	2.0000	2,130,765.9	6,045,118.5	LEAD _ICP	18.0000	1.0000		MG/KG
CS-E8+85	7/17/97	2.0000	2.0000	2,130,883.5	6,045,084.8	LEAD _ICP	380.0000	1.0000		MG/KG
CS-E9+12	7/16/97	2.0000	2.0000	2,130,904.8	6,045,077.7	LEAD _ICP	53.0000	1.0000		MG/KG
CS-E9+35	7/16/97	2.0000	2.0000	2,130,926.7	6,045,072.4	LEAD _ICP	130.0000	1.0000		MG/KG
CS-E9+60	7/16/97	2.0000	2.0000	2,130,950.5	6,045,066.6	LEAD _ICP	130.0000	1.0000		MG/KG
CS-E9+85	7/17/97	2.0000	2.0000	2,130,971.0	6,045,059.7	LEAD _ICP	98.0000	1.0000		MG/KG
CS-W3+45	7/1/97	1.5000	1.5000	2,130,378.3	6,045,183.8	LEAD _ICP	84.0000	1.0000		MG/KG
CS-W3+70	7/1/97	1.5000	1.5000	2,130,400.9	6,045,177.4	LEAD _ICP	260.0000	1.0000		MG/KG
CS-W3+95	7/1/97	1.5000	1.5000	2,130,422.5	6,045,171.2	LEAD _ICP	190.0000	1.0000		MG/KG
CS-W4+45	7/1/97	1.5000	1.5000	2,130,443.9	6,045,164.0	LEAD _ICP	140.0000	1.0000		MG/KG
CS-W4+70	7/1/97	1.5000	1.5000	2,130,462.7	6,045,158.6	LEAD _ICP	170.0000	1.0000		MG/KG
CS-W4+95	7/1/97	1.5000	1.5000	2,130,494.3	6,045,150.6	LEAD _ICP	120.0000	1.0000		MG/KG
CS-W5+20	7/1/97	1.5000	1.5000	2,130,528.1	6,045,139.9	LEAD _ICP	87.0000	1.0000		MG/KG
CS-W6+85	7/10/97	1.5000	1.5000	2,130,690.7	6,045,093.0	LEAD _ICP	58.0000	1.0000		MG/KG
CS-W7+03	7/10/97	1.5000	1.5000	2,130,709.7	6,045,089.3	LEAD _ICP	140.0000	1.0000		MG/KG
CS-W9+56	7/8/97	1.5000	1.5000	2,130,936.9	6,045,022.7	LEAD _ICP	27.0000	1.0000		MG/KG
CS2+70-FP	7/7/97	1.0000	1.0000	2,130,350.5	6,045,189.8	LEAD _AA	93.0000	3.0000		MG/KG
EKI-CH-1	11/12/96	1.5000	2.0000	2,130,918.3	6,045,015.7	LEAD _ICP	2000.0000	0.0000		MG/KG
EKI-CH-10	11/12/96	1.5000	2.0000	2,130,866.9	6,044,824.4	LEAD _ICP	380.0000	0.0000		MG/KG
EKI-CH-1B	11/12/96	1.5000	2.0000	2,130,912.8	6,045,019.3	LEAD _ICP	2300.0000	0.0000		MG/KG
EKI-CH-2	11/12/96	1.0000	1.5000	2,130,889.1	6,045,010.3	LEAD _ICP	1600.0000	0.0000		MG/KG
EKI-CH-3	11/12/96	1.0000	1.5000	2,130,907.0	6,044,973.4	LEAD _ICP	520.0000	0.0000		MG/KG
EKI-CH-4	11/12/96	1.0000	1.5000	2,130,895.0	6,044,982.8	LEAD _ICP	1200.0000	0.0000		MG/KG
EKI-CH-5	11/12/96	1.5000	2.0000	2,130,882.4	6,044,929.4	LEAD _ICP	2800.0000	0.0000		MG/KG
EKI-CH-6	11/12/96	1.5000	2.0000	2,130,889.2	6,044,907.8	LEAD _ICP	580.0000	0.0000		MG/KG
EKI-CH-7	11/12/96	1.0000	1.5000	2,130,855.6	6,044,917.5	LEAD _ICP	1400.0000	0.0000		MG/KG
EKI-CH-8	11/12/96	1.0000	1.5000	2,130,850.8	6,044,896.4	LEAD _ICP	1100.0000	0.0000		MG/KG
EKI-CH-9	11/12/96	1.5000	2.0000	2,130,855.3	6,044,853.1	LEAD _ICP	2900.0000	0.0000		MG/KG
GS-2	9/5/97	2.0000	2.0000	2,130,813.2	6,045,128.4	LEAD _ICP	10.0000	1.0000		MG/KG
GS-SW-1	9/3/97	1.0000	1.0000	2,130,818.4	6,045,118.0	LEAD _ICP	100.0000	1.0000		MG/KG
GS-SW-2	9/5/97	1.0000	1.0000	2,130,805.5	6,045,126.0	LEAD _ICP	37.0000	1.0000		MG/KG
HAR-HASS10	6/9/97	0.0000	0.5000	2,131,376.3	6,044,055.0	LEAD _ICP	210.0000	0.0000		MG/KG
HAR-HASS11	6/9/97	0.0000	0.5000	2,131,295.3	6,044,064.8	LEAD _ICP	64.0000	0.0000		MG/KG
HS-75	7/23/97	0.5000	0.5000	2,130,922.1	6,045,061.4	LEAD _ICP	31.0000	1.0000		MG/KG

TABLE E-2: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
HS-76	7/23/97	0.5000	0.5000	2,130,916.7	6,045,043.8	LEAD _ICP	19.0000	1.0000		MG/KG
HS-77	7/23/97	0.5000	0.5000	2,130,843.5	6,045,060.7	LEAD _ICP	6.5000	1.0000		MG/KG
HS-78	7/23/97	0.5000	0.5000	2,130,848.9	6,045,079.0	LEAD _ICP	45.0000	1.0000		MG/KG
HS-80	7/23/97	0.5000	0.5000	2,130,777.7	6,045,081.1	LEAD _ICP	68.0000	1.0000		MG/KG
HS-81	7/23/97	0.5000	0.5000	2,130,720.0	6,045,096.7	LEAD _ICP	44.0000	1.0000		MG/KG
HS-82	7/23/97	0.5000	0.5000	2,130,726.8	6,045,116.3	LEAD _ICP	180.0000	1.0000		MG/KG
HS-83	7/23/97	0.5000	0.5000	2,130,653.6	6,045,136.7	LEAD _ICP	35.0000	1.0000		MG/KG
LF-12	11/2/89	1.5000	2.0000	2,130,813.8	6,045,074.4	LEAD _UNK	180.0000	0.0000		MG/KG
LF-6	5/16/89	1.5000	2.0000	2,131,006.1	6,044,715.6	LEAD _UNK	18.0000	0.0000		MG/KG
MYC-B-1	10/1/90	1.0000	1.0000	2,130,690.6	6,044,375.9	LEAD _HIST	4.4000	0.0000		MG/KG
MYC-B-3	10/1/90	1.0000	1.0000	2,130,857.5	6,044,344.0	LEAD _HIST	850.0000	0.0000		MG/KG
MYC-B-4	10/1/90	1.0000	1.0000	2,130,689.3	6,044,268.6	LEAD _HIST	350.0000	0.0000		MG/KG
MYC-B-5	10/1/90	1.0000	1.0000	2,130,970.3	6,044,336.3	LEAD _HIST	140.0000	0.0000		MG/KG
MYC-B-6	10/1/90	1.0000	1.0000	2,130,990.4	6,044,188.1	LEAD _HIST	8.5000	0.0000		MG/KG
MYC-W-1	10/1/90	1.0000	1.0000	2,130,596.1	6,044,386.5	LEAD _HIST	800.0000	0.0000		MG/KG
MYC-W-2	10/1/90	2.0000	2.0000	2,130,819.9	6,044,315.1	LEAD _HIST	8.4000	0.0000		MG/KG
MYC-W-3	10/1/90	1.0000	1.0000	2,130,664.2	6,044,187.4	LEAD _HIST	1800.0000	0.0000		MG/KG
MYC-W-4	10/1/90	1.0000	1.0000	2,130,597.7	6,044,030.1	LEAD _HIST	1700.0000	0.0000		MG/KG
MYC-W-5	10/1/90	1.0000	1.0000	2,130,903.3	6,044,028.7	LEAD _HIST	85.0000	0.0000		MG/KG
MYC-W-6	10/1/90	1.0000	1.0000	2,131,043.6	6,044,018.3	LEAD _HIST	59.0000	0.0000		MG/KG
PS-E3+16	9/9/97	2.0000	2.0000	2,130,369.8	6,045,232.1	LEAD _ICP	12.0000	1.0000		MG/KG
PS-E4+22	9/5/97	2.0000	2.0000	2,130,433.7	6,045,213.8	LEAD _ICP	24.0000	1.0000		MG/KG
SB-11	5/16/89	1.5000	2.0000	2,131,044.9	6,044,692.0	LEAD _UNK	480.0000	0.0000		MG/KG
SB-13	5/17/89	1.5000	2.0000	2,131,146.3	6,044,691.4	LEAD _UNK	56.0000	0.0000		MG/KG
SB-14	5/17/89	1.5000	2.0000	2,131,107.1	6,044,701.2	LEAD _UNK	2000.0000	0.0000		MG/KG
SB-27	4/18/90	2.0000	2.0000	2,130,893.6	6,044,993.4	LEAD _UNK	2600.0000	0.0000		MG/KG
SB-28	4/18/90	2.0000	2.0000	2,130,818.8	6,045,022.8	LEAD _UNK	19.0000	0.0000		MG/KG
SB-29	4/18/90	2.0000	2.0000	2,130,757.3	6,045,039.8	LEAD _UNK	110.0000	0.0000		MG/KG
SB-30	4/18/90	2.0000	2.0000	2,130,708.6	6,045,061.2	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-31	4/18/90	2.0000	2.0000	2,130,728.4	6,045,027.2	LEAD _UNK	120.0000	0.0000		MG/KG
SB-32	4/18/90	2.0000	2.0000	2,130,771.0	6,045,012.6	LEAD _UNK	68.0000	0.0000		MG/KG
SB-33	4/18/90	2.0000	2.0000	2,130,814.6	6,045,004.5	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-34	4/18/90	2.0000	2.0000	2,130,848.3	6,044,997.3	LEAD _UNK	27.0000	0.0000		MG/KG
SB-35	4/18/90	2.0000	2.0000	2,130,880.5	6,044,960.1	LEAD _UNK	2600.0000	0.0000		MG/KG
SB-36	4/18/90	2.0000	2.0000	2,130,875.2	6,044,923.5	LEAD _UNK	260.0000	0.0000		MG/KG

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Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-38	4/18/90	2.0000	2.0000	2,130,831.5	6,044,971.5	LEAD _UNK	4100.0000	0.0000		MG/KG
SB-39	4/18/90	2.0000	2.0000	2,130,775.4	6,044,984.0	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-40	4/18/90	2.0000	2.0000	2,130,699.5	6,045,011.6	LEAD _UNK	14.0000	0.0000		MG/KG
SB-7AB	5/18/89	1.5000	2.0000	2,130,988.5	6,044,689.5	LEAD _UNK	230.0000	0.0000		MG/KG
SB-8AB	5/16/89	1.5000	2.0000	2,131,010.1	6,044,664.7	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-9	5/16/89	1.5000	2.0000	2,131,017.1	6,044,692.1	LEAD _UNK	3200.0000	0.0000		MG/KG
SBGR-15	11/9/93	1.5000	2.0000	2,131,543.0	6,045,060.8	LEAD _HIST	32.0000	0.0000		MG/KG
SW-09+68	7/8/97	0.4000	0.4000	2,130,950.3	6,045,020.4	LEAD _ICP	130.0000	1.0000		MG/KG
SW-11+95	7/3/97	1.5000	1.5000	2,131,152.7	6,045,010.2	LEAD _ICP	160.0000	1.0000		MG/KG
SW-14+85	7/14/97	0.4000	0.4000	2,130,607.2	6,045,389.1	LEAD _ICP	28.0000	1.0000		MG/KG
SW-2BD	7/14/88	1.5000	2.0000	2,130,644.4	6,044,903.0	LEAD _UNK	102.0000	0.0000		MG/KG
SW-3A	7/14/88	1.5000	2.0000	2,130,686.6	6,044,856.9	LEAD _UNK	21.0000	0.0000		MG/KG
SW-99+29	7/3/97	0.4000	0.4000	2,130,256.4	6,044,861.4	LEAD _ICP	440.0000	1.0000		MG/KG
V2-W8+20	7/8/97	0.0000	0.0000	2,130,822.7	6,045,057.4	LEAD _ICP	380.0000	1.0000		MG/KG

TABLE E-3: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR TOTAL VOC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG_DEPTH	END_DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-1	1/1/87	1.5000	1.5000	2,130,424.1	6,044,095.0	TOTAL VOLATILE ORGANICS _HIST	18.0000	0.0000		MG/KG
AGI-2	1/1/87	1.5000	1.5000	2,130,432.3	6,044,073.8	TOTAL VOLATILE ORGANICS _HIST	23.0000	0.0000		MG/KG
LF-12	11/2/89	1.5000	2.0000	2,130,813.8	6,045,074.4	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
LF-4	5/17/89	1.5000	1.5000	2,131,028.5	6,044,641.1	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
LF-6	5/16/89	1.5000	2.0000	2,131,006.1	6,044,715.6	TOTAL VOLATILE ORGANICS _VOL	1370.0000	0.0000		MG/KG
MYC-B-1	10/1/90	1.0000	1.0000	2,130,690.6	6,044,375.9	TOTAL VOLATILE ORGANICS _VOL	0.0690	0.0000		MG/KG
MYC-B-14	10/1/91	2.0000	2.0000	2,130,822.9	6,044,190.3	TOTAL VOLATILE ORGANICS _VOL	1.6780	0.0000		MG/KG
MYC-B-19	10/01/91	2.0000	2.0000	2,130,589.6	6,044,308.4	TOTAL VOLATILE ORGANICS ,HIST	0.0068			MG/KG
MYC-B-3	10/1/90	1.0000	1.0000	2,130,857.5	6,044,344.0	TOTAL VOLATILE ORGANICS _VOL	0.0951	0.0000		MG/KG
MYC-B-4	10/1/90	1.0000	1.0000	2,130,689.3	6,044,268.6	TOTAL VOLATILE ORGANICS _VOL	12.2400	0.0000		MG/KG
MYC-B-5	10/1/90	1.0000	1.0000	2,130,970.3	6,044,336.3	TOTAL VOLATILE ORGANICS _VOL	0.0560	0.0000		MG/KG
MYC-B-6	10/1/90	1.0000	1.0000	2,130,990.4	6,044,188.1	TOTAL VOLATILE ORGANICS _VOL	0.0710	0.0000		MG/KG
MYC-W-1	10/1/90	1.0000	1.0000	2,130,596.1	6,044,386.5	TOTAL VOLATILE ORGANICS _HIST	0.4998	0.0000		MG/KG
MYC-W-12	10/1/91	1.5000	1.5000	2,130,801.5	6,044,375.9	TOTAL VOLATILE ORGANICS _HIST	8.6230	0.0000		MG/KG
MYC-W-13	10/1/91	2.0000	2.0000	2,130,605.8	6,044,157.8	TOTAL VOLATILE ORGANICS _HIST	30.8700	0.0000		MG/KG
MYC-W-2	10/1/90	2.0000	2.0000	2,130,819.9	6,044,315.1	TOTAL VOLATILE ORGANICS _HIST	1.5670	0.0000		MG/KG
MYC-W-3	10/1/90	1.0000	1.0000	2,130,664.2	6,044,187.4	TOTAL VOLATILE ORGANICS _HIST	0.1310	0.0000		MG/KG
MYC-W-4	10/1/90	1.0000	1.0000	2,130,597.7	6,044,030.1	TOTAL VOLATILE ORGANICS _HIST	0.1491	0.0000		MG/KG
MYC-W-5	10/1/90	1.0000	1.0000	2,130,903.3	6,044,028.7	TOTAL VOLATILE ORGANICS _HIST	23.1500	0.0000		MG/KG
MYC-W-6	10/1/90	1.0000	1.0000	2,131,043.6	6,044,018.3	TOTAL VOLATILE ORGANICS _HIST	0.4928	0.0000		MG/KG
SB-11	5/16/89	1.5000	2.0000	2,131,044.9	6,044,692.0	TOTAL VOLATILE ORGANICS _VOL	4780.0000	0.0000		MG/KG
SB-13	5/17/89	1.5000	2.0000	2,131,146.3	6,044,691.4	TOTAL VOLATILE ORGANICS _VOL	162.0000	0.0000		MG/KG
SB-14	5/17/89	1.5000	2.0000	2,131,107.1	6,044,701.2	TOTAL VOLATILE ORGANICS _VOL	0.5000	0.0000		MG/KG
SB-22	10/26/89	1.5000	2.0000	2,130,705.4	6,044,880.6	TOTAL VOLATILE ORGANICS _VOL	0.0000	2.0000	ND	MG/KG
SB-23	10/26/89	1.5000	2.0000	2,130,637.2	6,044,909.0	TOTAL VOLATILE ORGANICS _VOL	76.0000	0.0000		MG/KG
SB-24	10/26/89	0.5000	1.0000	2,130,661.0	6,044,858.9	TOTAL VOLATILE ORGANICS _VOL	990.0000	0.0000		MG/KG
SB-7AB	5/18/89	1.5000	2.0000	2,130,988.5	6,044,689.5	TOTAL VOLATILE ORGANICS _VOL	506.0000	0.0000		MG/KG
SB-8AB	5/16/89	1.5000	2.0000	2,131,010.1	6,044,664.7	TOTAL VOLATILE ORGANICS _VOL	0.2000	0.0000		MG/KG
SB-9	5/16/89	1.5000	2.0000	2,131,017.1	6,044,692.1	TOTAL VOLATILE ORGANICS _VOL	6149.0000	0.0000		MG/KG
SS-S1	7/12/88	0.0000	0.0000	2,131,288.6	6,044,912.6	TOTAL VOLATILE ORGANICS _HIST	3.7000	0.0000		MG/KG
SS-S2	7/12/88	0.0000	0.0000	2,131,276.1	6,044,916.2	TOTAL VOLATILE ORGANICS _HIST	182.9500	0.0000		MG/KG
SS-X2	9/30/88	0.0000	0.0000	2,131,265.5	6,044,919.9	TOTAL VOLATILE ORGANICS _HIST	1.2000	0.0000		MG/KG
SW-2BD	7/14/88	1.5000	2.0000	2,130,644.4	6,044,903.0	TOTAL VOLATILE ORGANICS _VOL	495.0000	0.0000		MG/KG
SW-3A	7/14/88	1.5000	2.0000	2,130,686.6	6,044,856.9	TOTAL VOLATILE ORGANICS _VOL	60.0000	0.0000		MG/KG

TABLE E-4: SUPPORTING DATA FOR TOTAL VOC CONCENTRATION IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-1	01/01/87	1.5	1.5	TOTAL VOLATILE ORGANICS ,HIST	18			MG/KG
AGI-2	01/01/87	1.5	1.5	TOTAL VOLATILE ORGANICS ,HIST	23			MG/KG
LF-12	11/02/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
LF-12	11/02/89	1.5	2	ETHYLBENZENE ,VOL	0	0.1	ND	MG/KG
LF-12	11/02/89	1.5	2	TETRACHLOROETHENE ,VOL	0	0.1	ND	MG/KG
LF-12	11/02/89	1.5	2	TOLUENE ,VOL	0	0.1	ND	MG/KG
LF-12	11/02/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	0	0.1	ND	MG/KG
LF-12	11/02/89	1.5	2	TRICHLOROETHENE ,VOL	0	0.1	ND	MG/KG
LF-12	11/02/89	1.5	2	XYLENES (TOTAL) ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	BENZENE ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	ETHYLBENZENE ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	TETRACHLOROETHENE ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	TOLUENE ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	TRICHLOROETHENE ,VOL	0	0.1	ND	MG/KG
LF-4	05/17/89	1.5	1.5	XYLENES (TOTAL) ,VOL	0	0.1	ND	MG/KG
LF-6	05/16/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
LF-6	05/16/89	1.5	2	ETHYLBENZENE ,VOL	220			MG/KG
LF-6	05/16/89	1.5	2	TETRACHLOROETHENE ,VOL	0	6	ND	MG/KG
LF-6	05/16/89	1.5	2	TOLUENE ,VOL	360			MG/KG
LF-6	05/16/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	1370			MG/KG
LF-6	05/16/89	1.5	2	TRICHLOROETHENE ,VOL	0	6	ND	MG/KG
LF-6	05/16/89	1.5	2	XYLENES (TOTAL) ,VOL	790			MG/KG
MYC-B-1	10/01/90	1	1	4-METHYL-2-PENTANONE ,HIST	0.011			MG/KG
MYC-B-1	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-B-1	10/01/90	1	1	TOLUENE ,HIST	0.058			MG/KG
MYC-B-1	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,VOL	0.069			MG/KG
MYC-B-14	10/01/91	2	2	2-BUTANONE ,HIST	0.14			MG/KG
MYC-B-14	10/01/91	2	2	4-METHYL-2-PENTANONE ,HIST	0.35			MG/KG
MYC-B-14	10/01/91	2	2	ACETONE ,HIST	0.86			MG/KG
MYC-B-14	10/01/91	2	2	BENZENE ,HIST	0		ND	MG/KG
MYC-B-14	10/01/91	2	2	ETHYLBENZENE ,HIST	0.038			MG/KG
MYC-B-14	10/01/91	2	2	METHYLENE CHLORIDE ,HIST	0.11			MG/KG
MYC-B-14	10/01/91	2	2	TOLUENE ,HIST	0.05			MG/KG
MYC-B-14	10/01/91	2	2	TOTAL VOLATILE ORGANICS ,VOL	1.617			MG/KG
MYC-B-14	10/01/91	2	2	XYLENES (TOTAL) ,HIST	0.13			MG/KG
MYC-B-19	10/01/91	2	2	METHYLENE CHLORIDE ,HIST	0.0068			MG/KG
MYC-B-19	10/01/91	2	2	TOTAL VOLATILE ORGANICS ,HIST	0.0068			MG/KG

TABLE E-4: SUPPORTING DATA FOR TOTAL VOC CONCENTRATION IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-B-3	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-B-3	10/01/90	1	1	TETRACHLOROETHENE ,HIST	0.0058			MG/KG
MYC-B-3	10/01/90	1	1	TOLUENE ,HIST	0.067			MG/KG
MYC-B-3	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,VOL	1.8334			MG/KG
MYC-B-3	10/01/90	1	1	TRICHLOROETHENE ,HIST	0.0084			MG/KG
MYC-B-3	10/01/90	1	1	XYLENES (TOTAL) ,HIST	0.0071			MG/KG
MYC-B-4	10/01/90	1	1	2-BUTANONE ,HIST	1.1			MG/KG
MYC-B-4	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-B-4	10/01/90	1	1	ETHYLBENZENE ,HIST	3.2			MG/KG
MYC-B-4	10/01/90	1	1	TETRACHLOROETHENE ,HIST	0.47			MG/KG
MYC-B-4	10/01/90	1	1	TOLUENE ,HIST	3.8			MG/KG
MYC-B-4	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,VOL	8.5855			MG/KG
MYC-B-4	10/01/90	1	1	TRICHLOROETHENE ,HIST	0.17			MG/KG
MYC-B-4	10/01/90	1	1	XYLENES (TOTAL) ,HIST	3.5			MG/KG
MYC-B-5	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-B-5	10/01/90	1	1	TOLUENE ,HIST	0.056			MG/KG
MYC-B-5	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,VOL	0.056			MG/KG
MYC-B-6	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-B-6	10/01/90	1	1	TOLUENE ,HIST	0.071			MG/KG
MYC-B-6	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,VOL	0.071			MG/KG
MYC-W-1	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-W-1	10/01/90	1	1	ETHYLBENZENE ,HIST	0.0038			MG/KG
MYC-W-1	10/01/90	1	1	TOLUENE ,HIST	0.47			MG/KG
MYC-W-1	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,HIST	0.5448			MG/KG
MYC-W-1	10/01/90	1	1	XYLENES (TOTAL) ,HIST	0.026			MG/KG
MYC-W-12	10/01/91	1.5	1.5	BENZENE ,HIST	0.039			MG/KG
MYC-W-12	10/01/91	1.5	1.5	CIS-1,2-DICHLOROETHENE ,HIST	0.013			MG/KG
MYC-W-12	10/01/91	1.5	1.5	ETHYLBENZENE ,HIST	1.4			MG/KG
MYC-W-12	10/01/91	1.5	1.5	METHYLENE CHLORIDE ,HIST	0.045			MG/KG
MYC-W-12	10/01/91	1.5	1.5	TOLUENE ,HIST	0.17			MG/KG
MYC-W-12	10/01/91	1.5	1.5	TOTAL VOLATILE ORGANICS ,HIST	2.2378			MG/KG
MYC-W-12	10/01/91	1.5	1.5	TRICHLOROETHENE ,HIST	0.056			MG/KG
MYC-W-12	10/01/91	1.5	1.5	XYLENES (TOTAL) ,HIST	6.9			MG/KG
MYC-W-13	10/01/91	2	2	2-BUTANONE ,HIST	2.9			MG/KG
MYC-W-13	10/01/91	2	2	4-METHYL-2-PENTANONE ,HIST	3			MG/KG
MYC-W-13	10/01/91	2	2	ACETONE ,HIST	0.83			MG/KG
MYC-W-13	10/01/91	2	2	BENZENE ,HIST	0		ND	MG/KG
MYC-W-13	10/01/91	2	2	ETHYLBENZENE ,HIST	2.6			MG/KG

TABLE E-4: SUPPORTING DATA FOR TOTAL VOC CONCENTRATION IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-13	10/01/91	2	2	METHYLENE CHLORIDE ,HIST	0.84			MG/KG
MYC-W-13	10/01/91	2	2	TOLUENE ,HIST	7.7			MG/KG
MYC-W-13	10/01/91	2	2	TOTAL VOLATILE ORGANICS ,HIST	24.77			MG/KG
MYC-W-13	10/01/91	2	2	XYLENES (TOTAL) ,HIST	13			MG/KG
MYC-W-2	10/01/90	2	2	2-BUTANONE ,HIST	0.2			MG/KG
MYC-W-2	10/01/90	2	2	4-METHYL-2-PENTANONE ,HIST	0.64			MG/KG
MYC-W-2	10/01/90	2	2	BENZENE ,HIST	0.011			MG/KG
MYC-W-2	10/01/90	2	2	CHLOROBENZENE ,HIST	0.014			MG/KG
MYC-W-2	10/01/90	2	2	ETHYLBENZENE ,HIST	0.044			MG/KG
MYC-W-2	10/01/90	2	2	STYRENE ,HIST	0.046			MG/KG
MYC-W-2	10/01/90	2	2	TETRACHLOROETHENE ,HIST	0.029			MG/KG
MYC-W-2	10/01/90	2	2	TOLUENE ,HIST	0.29			MG/KG
MYC-W-2	10/01/90	2	2	TOTAL VOLATILE ORGANICS ,HIST	39.044			MG/KG
MYC-W-2	10/01/90	2	2	TRICHLOROETHENE ,HIST	0.023			MG/KG
MYC-W-2	10/01/90	2	2	XYLENES (TOTAL) ,HIST	0.27			MG/KG
MYC-W-3	10/01/90	1	1	4-METHYL-2-PENTANONE ,HIST	0.021			MG/KG
MYC-W-3	10/01/90	1	1	BENZENE ,HIST	0		ND	MG/KG
MYC-W-3	10/01/90	1	1	TOLUENE ,HIST	0.11			MG/KG
MYC-W-3	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,HIST	0.131			MG/KG
MYC-W-4	10/01/90	1	1	1,2-DICHLOROETHENE (TOTAL) ,HIST	0.0058			MG/KG
MYC-W-4	10/01/90	1	1	BENZENE ,HIST	0.0063			MG/KG
MYC-W-4	10/01/90	1	1	ETHYLBENZENE ,HIST	0.014			MG/KG
MYC-W-4	10/01/90	1	1	TOLUENE ,HIST	0.062			MG/KG
MYC-W-4	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,HIST	0.2191			MG/KG
MYC-W-4	10/01/90	1	1	XYLENES (TOTAL) ,HIST	0.061			MG/KG
MYC-W-5	10/01/90	1	1	1,2-DICHLOROETHENE (TOTAL) ,HIST	3			MG/KG
MYC-W-5	10/01/90	1	1	4-METHYL-2-PENTANONE ,HIST	0.87			MG/KG
MYC-W-5	10/01/90	1	1	BENZENE ,HIST	0.28			MG/KG
MYC-W-5	10/01/90	1	1	ETHYLBENZENE ,HIST	2.6			MG/KG
MYC-W-5	10/01/90	1	1	TETRACHLOROETHENE ,HIST	0.79			MG/KG
MYC-W-5	10/01/90	1	1	TOLUENE ,HIST	1.5			MG/KG
MYC-W-5	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,HIST	9.3201			MG/KG
MYC-W-5	10/01/90	1	1	TRICHLOROETHENE ,HIST	0.11			MG/KG
MYC-W-5	10/01/90	1	1	XYLENES (TOTAL) ,HIST	14			MG/KG
MYC-W-6	10/01/90	1	1	BENZENE ,HIST	0.0028			MG/KG
MYC-W-6	10/01/90	1	1	TOLUENE ,HIST	0.49			MG/KG
MYC-W-6	10/01/90	1	1	TOTAL VOLATILE ORGANICS ,HIST	0.4928			MG/KG
SB-11	05/16/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG

TABLE E-4: SUPPORTING DATA FOR TOTAL VOC CONCENTRATION IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-11	05/16/89	1.5	2	ETHYLBENZENE ,VOL	240			MG/KG
SB-11	05/16/89	1.5	2	TETRACHLOROETHENE ,VOL	0	6	ND	MG/KG
SB-11	05/16/89	1.5	2	TOLUENE ,VOL	3600			MG/KG
SB-11	05/16/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	4780			MG/KG
SB-11	05/16/89	1.5	2	TRICHLOROETHENE ,VOL	0	6	ND	MG/KG
SB-11	05/16/89	1.5	2	XYLENES (TOTAL) ,VOL	940			MG/KG
SB-13	05/17/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-13	05/17/89	1.5	2	ETHYLBENZENE ,VOL	12			MG/KG
SB-13	05/17/89	1.5	2	TETRACHLOROETHENE ,VOL	0	6	ND	MG/KG
SB-13	05/17/89	1.5	2	TOLUENE ,VOL	0	6	ND	MG/KG
SB-13	05/17/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	162			MG/KG
SB-13	05/17/89	1.5	2	TRICHLOROETHENE ,VOL	0	6	ND	MG/KG
SB-13	05/17/89	1.5	2	XYLENES (TOTAL) ,VOL	150			MG/KG
SB-14	05/17/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-14	05/17/89	1.5	2	ETHYLBENZENE ,VOL	0.1			MG/KG
SB-14	05/17/89	1.5	2	TETRACHLOROETHENE ,VOL	0	0.1	ND	MG/KG
SB-14	05/17/89	1.5	2	TOLUENE ,VOL	0	0.1	ND	MG/KG
SB-14	05/17/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	0.5			MG/KG
SB-14	05/17/89	1.5	2	TRICHLOROETHENE ,VOL	0	0.1	ND	MG/KG
SB-14	05/17/89	1.5	2	XYLENES (TOTAL) ,VOL	0.4			MG/KG
SB-22	10/26/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-22	10/26/89	1.5	2	ETHYLBENZENE ,VOL	0	2	ND	MG/KG
SB-22	10/26/89	1.5	2	TETRACHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-22	10/26/89	1.5	2	TOLUENE ,VOL	0	2	ND	MG/KG
SB-22	10/26/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	0	2	ND	MG/KG
SB-22	10/26/89	1.5	2	TRICHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-22	10/26/89	1.5	2	XYLENES (TOTAL) ,VOL	0	2	ND	MG/KG
SB-23	10/26/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-23	10/26/89	1.5	2	ETHYLBENZENE ,VOL	4			MG/KG
SB-23	10/26/89	1.5	2	TETRACHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-23	10/26/89	1.5	2	TOLUENE ,VOL	0	2	ND	MG/KG
SB-23	10/26/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	76			MG/KG
SB-23	10/26/89	1.5	2	TRICHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-23	10/26/89	1.5	2	XYLENES (TOTAL) ,VOL	72			MG/KG
SB-24	10/26/89	0.5	1	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-24	10/26/89	0.5	1	ETHYLBENZENE ,VOL	140			MG/KG
SB-24	10/26/89	0.5	1	TETRACHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-24	10/26/89	0.5	1	TOLUENE ,VOL	270			MG/KG

TABLE E-4: SUPPORTING DATA FOR TOTAL VOC CONCENTRATION IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-24	10/26/89	0.5	1	TOTAL VOLATILE ORGANICS ,VOL	990			MG/KG
SB-24	10/26/89	0.5	1	TRICHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-24	10/26/89	0.5	1	XYLENES (TOTAL) ,VOL	580			MG/KG
SB-7AB	05/18/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-7AB	05/18/89	1.5	2	ETHYLBENZENE ,VOL	86			MG/KG
SB-7AB	05/18/89	1.5	2	TETRACHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-7AB	05/18/89	1.5	2	TOLUENE ,VOL	140			MG/KG
SB-7AB	05/18/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	506			MG/KG
SB-7AB	05/18/89	1.5	2	TRICHLOROETHENE ,VOL	0	2	ND	MG/KG
SB-7AB	05/18/89	1.5	2	XYLENES (TOTAL) ,VOL	280			MG/KG
SB-8AB	05/16/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-8AB	05/16/89	1.5	2	ETHYLBENZENE ,VOL	0	0.1	ND	MG/KG
SB-8AB	05/16/89	1.5	2	TETRACHLOROETHENE ,VOL	0	0.1	ND	MG/KG
SB-8AB	05/16/89	1.5	2	TOLUENE ,VOL	0	0.1	ND	MG/KG
SB-8AB	05/16/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	0.2			MG/KG
SB-8AB	05/16/89	1.5	2	TRICHLOROETHENE ,VOL	0	0.1	ND	MG/KG
SB-8AB	05/16/89	1.5	2	XYLENES (TOTAL) ,VOL	0.2			MG/KG
SB-9	05/16/89	1.5	2	BENZENE ,VOL	0	0.1	ND	MG/KG
SB-9	05/16/89	1.5	2	ETHYLBENZENE ,VOL	730			MG/KG
SB-9	05/16/89	1.5	2	TETRACHLOROETHENE ,VOL	19			MG/KG
SB-9	05/16/89	1.5	2	TOLUENE ,VOL	2400			MG/KG
SB-9	05/16/89	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	6149			MG/KG
SB-9	05/16/89	1.5	2	TRICHLOROETHENE ,VOL	0	6	ND	MG/KG
SB-9	05/16/89	1.5	2	XYLENES (TOTAL) ,VOL	3000			MG/KG
SS-S1	07/12/88			ETHYLBENZENE ,HIST	1			MG/KG
SS-S1	07/12/88			TOLUENE ,HIST	1			MG/KG
SS-S1	07/12/88			TOTAL VOLATILE ORGANICS ,HIST	3002			MG/KG
SS-S1	07/12/88			XYLENES (TOTAL) ,HIST	1.7			MG/KG
SS-S2	07/12/88			BENZENE ,HIST	0.35			MG/KG
SS-S2	07/12/88			ETHYLBENZENE ,HIST	23			MG/KG
SS-S2	07/12/88			TOLUENE ,HIST	1.6			MG/KG
SS-S2	07/12/88			TOTAL VOLATILE ORGANICS ,HIST	26.65			MG/KG
SS-S2	07/12/88			XYLENES (TOTAL) ,HIST	158			MG/KG
SS-X2	09/30/88			ETHYLBENZENE ,HIST	0.2			MG/KG
SS-X2	09/30/88			TOTAL VOLATILE ORGANICS ,HIST	158.2			MG/KG
SS-X2	09/30/88			XYLENES (TOTAL) ,HIST	1			MG/KG
SW-2BD	07/14/88	1.5	2	BENZENE ,VOL	0	0.005	ND	MG/KG
SW-2BD	07/14/88	1.5	2	ETHYLBENZENE ,VOL	32			MG/KG

TABLE E-4: SUPPORTING DATA FOR TOTAL VOC CONCENTRATION IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SW-2BD	07/14/88	1.5	2	TETRACHLOROETHENE ,VOL	0	0.005	ND	MG/KG
SW-2BD	07/14/88	1.5	2	TOLUENE ,VOL	13			MG/KG
SW-2BD	07/14/88	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	495			MG/KG
SW-2BD	07/14/88	1.5	2	TRICHLOROETHENE ,VOL	0	0.005	ND	MG/KG
SW-2BD	07/14/88	1.5	2	XYLENES (TOTAL) ,VOL	450			MG/KG
SW-3A	07/14/88	1.5	2	BENZENE ,VOL	0	0.005	ND	MG/KG
SW-3A	07/14/88	1.5	2	ETHYLBENZENE ,VOL	0	0.005	ND	MG/KG
SW-3A	07/14/88	1.5	2	TETRACHLOROETHENE ,VOL	0	0.005	ND	MG/KG
SW-3A	07/14/88	1.5	2	TOLUENE ,VOL	0	0.005	ND	MG/KG
SW-3A	07/14/88	1.5	2	TOTAL VOLATILE ORGANICS ,VOL	60			MG/KG
SW-3A	07/14/88	1.5	2	TRICHLOROETHENE ,VOL	0	0.005	ND	MG/KG
SW-3A	07/14/88	1.5	2	XYLENES (TOTAL) ,VOL	60			MG/KG

TABLE E-5: SUMMARY OF SHALLOW SOIL TEST RESULTS FOR TOTAL SVOC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG_DEPTH	END_DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-15	7/1/93	0.5000	0.5000	2,130,556.9	6,044,087.9	TOTAL SVOCS _HIST	4.5000	0.0000		MG/KG
AGI-SB-56	7/21/93	1.0000	1.0000	2,130,001.1	6,044,228.2	TOTAL SVOCS _HIST	0.0170	0.0000		MG/KG
LF-12	11/2/89	1.5000	2.0000	2,130,813.8	6,045,074.4	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
LF-6	5/16/89	1.5000	2.0000	2,131,006.1	6,044,715.6	TOTAL SVOCS _SV	1.1000	0.0000		MG/KG
MYC-B-14	10/1/91	2.0000	2.0000	2,130,822.9	6,044,190.3	TOTAL SVOCS _HIST	4800.0000	0.0000		MG/KG
MYC-B-17	10/1/91	1.0000	1.0000	2,131,023.7	6,043,982.9	TOTAL SVOCS _HIST	0.2000	0.0000		MG/KG
MYC-B-3	10/1/90	1.0000	1.0000	2,130,857.5	6,044,344.0	TOTAL SVOCS _HIST	51.1800	0.0000		MG/KG
MYC-B-4	10/1/90	1.0000	1.0000	2,130,689.3	6,044,268.6	TOTAL SVOCS _HIST	28.8200	0.0000		MG/KG
MYC-B-5	10/1/90	1.0000	1.0000	2,130,970.3	6,044,336.3	TOTAL SVOCS _HIST	4.0200	0.0000		MG/KG
MYC-W-12	10/1/91	1.5000	1.5000	2,130,801.5	6,044,375.9	TOTAL SVOCS _HIST	110.4000	0.0000		MG/KG
MYC-W-13	10/1/91	2.0000	2.0000	2,130,605.8	6,044,157.8	TOTAL SVOCS _HIST	22.9200	0.0000		MG/KG
MYC-W-15	5/1/93	0.0000	0.0000	2,130,596.3	6,044,115.0	TOTAL SVOCS _HIST	397.9000	0.0000		MG/KG
MYC-W-2	10/1/90	2.0000	2.0000	2,130,819.9	6,044,315.1	TOTAL SVOCS _HIST	48.7400	0.0000		MG/KG
MYC-W-3	10/1/90	1.0000	1.0000	2,130,664.2	6,044,187.4	TOTAL SVOCS _HIST	4.0000	0.0000		MG/KG
MYC-W-4	10/1/90	1.0000	1.0000	2,130,597.7	6,044,030.1	TOTAL SVOCS _HIST	9.6300	0.0000		MG/KG
MYC-W-5	10/1/90	1.0000	1.0000	2,130,903.3	6,044,028.7	TOTAL SVOCS _HIST	40.6700	0.0000		MG/KG
MYC-W-6	10/1/90	1.0000	1.0000	2,131,043.6	6,044,018.3	TOTAL SVOCS _HIST	6.3000	0.0000		MG/KG
MYC-W-9	10/1/91	1.0000	1.0000	2,131,097.5	6,044,191.0	TOTAL SVOCS _HIST	0.8600	0.0000		MG/KG
SB-11	5/16/89	1.5000	2.0000	2,131,044.9	6,044,692.0	TOTAL SVOCS _SV	8.0000	0.0000		MG/KG
SB-13	5/17/89	1.5000	2.0000	2,131,146.3	6,044,691.4	TOTAL SVOCS _SV	2.3000	0.0000		MG/KG
SB-14	5/17/89	1.5000	2.0000	2,131,107.1	6,044,701.2	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
SB-44	6/28/90	0.0000	0.0000	2,130,584.1	6,044,918.8	TOTAL SVOCS _SV	0.0000	0.2000	ND	MG/KG
SB-7AB	5/18/89	1.5000	2.0000	2,130,988.5	6,044,689.5	TOTAL SVOCS _SV	0.6000	0.0000		MG/KG
SB-8AB	5/16/89	1.5000	2.0000	2,131,010.1	6,044,664.7	TOTAL SVOCS _SV	0.2000	0.0000		MG/KG
SB-9	5/16/89	1.5000	2.0000	2,131,017.1	6,044,692.1	TOTAL SVOCS _SV	0.0000	2.0000	ND	MG/KG
SW-2BD	7/14/88	1.5000	2.0000	2,130,644.4	6,044,903.0	TOTAL SVOCS _SV	7.4000	0.0000		MG/KG
SW-3A	7/14/88	1.5000	2.0000	2,130,686.6	6,044,856.9	TOTAL SVOCS _SV	1.0000	0.0000		MG/KG

TABLE E-6: SUPPORTING DATA FOR SVOC CONCENTRATIONS IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-15	7/1/93	0.5	0.5	TOTAL SVOCS ,HIST	4.5			MG/KG
AGI-SB-56	7/21/93	1	1	TOTAL SVOCS ,HIST	0.017			MG/KG
LF-12	11/2/89	1.5	2	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-12	11/2/89	1.5	2	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-12	11/2/89	1.5	2	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
LF-12	11/2/89	1.5	2	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
LF-6	5/16/89	1.5	2	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-6	5/16/89	1.5	2	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-6	5/16/89	1.5	2	NAPHTHALENE ,SV	1.1			MG/KG
LF-6	5/16/89	1.5	2	TOTAL SVOCS ,SV	1.1			MG/KG
MYC-B-14	10/1/91	2	2	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	4800			MG/KG
MYC-B-14	10/1/91	2	2	TOTAL SVOCS ,HIST	4800			MG/KG
MYC-B-17	10/1/91	1	1	PYRENE ,HIST	0.2			MG/KG
MYC-B-17	10/1/91	1	1	TOTAL SVOCS ,HIST	0.2			MG/KG
MYC-B-3	10/1/90	1	1	2-METHYLNAPHTHALENE ,HIST	0.37			MG/KG
MYC-B-3	10/1/90	1	1	ANTHRACENE ,HIST	6.4			MG/KG
MYC-B-3	10/1/90	1	1	BENZO(A)PYRENE ,HIST	0.82			MG/KG
MYC-B-3	10/1/90	1	1	BENZO(B)FLUORANTHENE ,HIST	1.6			MG/KG
MYC-B-3	10/1/90	1	1	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	8.9			MG/KG
MYC-B-3	10/1/90	1	1	BUTYLBENZYLPHTHALATE ,HIST	6.5			MG/KG
MYC-B-3	10/1/90	1	1	CHRYSENE ,HIST	0.83			MG/KG
MYC-B-3	10/1/90	1	1	DI-N-BUTYLPHTHALATE ,HIST	0.54			MG/KG
MYC-B-3	10/1/90	1	1	DI-N-OCTYL PHTHALATE ,HIST	0.61			MG/KG
MYC-B-3	10/1/90	1	1	DIMETHYL PHTHALATE ,HIST	15			MG/KG
MYC-B-3	10/1/90	1	1	FLUORANTHENE ,HIST	1.7			MG/KG
MYC-B-3	10/1/90	1	1	FLUORENE ,HIST	0.47			MG/KG
MYC-B-3	10/1/90	1	1	INDENO(1,2,3-CD)PYRENE ,HIST	0.41			MG/KG
MYC-B-3	10/1/90	1	1	ISOPHORONE ,HIST	0.45			MG/KG
MYC-B-3	10/1/90	1	1	PHENANTHRENE ,HIST	1.5			MG/KG
MYC-B-3	10/1/90	1	1	PHENOL ,HIST	0.88			MG/KG
MYC-B-3	10/1/90	1	1	PYRENE ,HIST	4.2			MG/KG
MYC-B-3	10/1/90	1	1	TOTAL SVOCS ,HIST	51.18			MG/KG
MYC-B-4	10/1/90	1	1	2-METHYLNAPHTHALENE ,HIST	1.8			MG/KG
MYC-B-4	10/1/90	1	1	ACENAPHTHENE ,HIST	0.51			MG/KG
MYC-B-4	10/1/90	1	1	ANTHRACENE ,HIST	0.61			MG/KG
MYC-B-4	10/1/90	1	1	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	5.9			MG/KG
MYC-B-4	10/1/90	1	1	BUTYLBENZYLPHTHALATE ,HIST	1.2			MG/KG
MYC-B-4	10/1/90	1	1	FLUORANTHENE ,HIST	1.5			MG/KG
MYC-B-4	10/1/90	1	1	FLUORENE ,HIST	0.67			MG/KG
MYC-B-4	10/1/90	1	1	ISOPHORONE ,HIST	0.53			MG/KG
MYC-B-4	10/1/90	1	1	NAPHTHALENE ,HIST	2.4			MG/KG

TABLE E-6: SUPPORTING DATA FOR SVOC CONCENTRATIONS IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-B-4	10/1/90	1	1	PHENANTHRENE ,HIST	2.1			MG/KG
MYC-B-4	10/1/90	1	1	PHENOL ,HIST	8.9			MG/KG
MYC-B-4	10/1/90	1	1	PYRENE ,HIST	2.7			MG/KG
MYC-B-4	10/1/90	1	1	TOTAL SVOCS ,HIST	28.82			MG/KG
MYC-B-5	10/1/90	1	1	ACENAPHTHENE ,HIST	0.17			MG/KG
MYC-B-5	10/1/90	1	1	ANTHRACENE ,HIST	0.45			MG/KG
MYC-B-5	10/1/90	1	1	BENZO(B)FLUORANTHENE ,HIST	0.25			MG/KG
MYC-B-5	10/1/90	1	1	BUTYLBENZYLPHTHALATE ,HIST	0.19			MG/KG
MYC-B-5	10/1/90	1	1	CHRYSENE ,HIST	0.19			MG/KG
MYC-B-5	10/1/90	1	1	DI-N-OCTYL PHTHALATE ,HIST	0.45			MG/KG
MYC-B-5	10/1/90	1	1	FLUORENE ,HIST	0.3			MG/KG
MYC-B-5	10/1/90	1	1	NAPHTHALENE ,HIST	0.32			MG/KG
MYC-B-5	10/1/90	1	1	PHENANTHRENE ,HIST	1.7			MG/KG
MYC-B-5	10/1/90	1	1	TOTAL SVOCS ,HIST	4.02			MG/KG
MYC-W-12	10/1/91	1.5	1.5	ACENAPHTHENE ,HIST	5.4			MG/KG
MYC-W-12	10/1/91	1.5	1.5	ANTHRACENE ,HIST	5.7			MG/KG
MYC-W-12	10/1/91	1.5	1.5	BUTYLBENZYLPHTHALATE ,HIST	7.3			MG/KG
MYC-W-12	10/1/91	1.5	1.5	CHRYSENE ,HIST	4.4			MG/KG
MYC-W-12	10/1/91	1.5	1.5	DI-N-BUTYLPHTHALATE ,HIST	26			MG/KG
MYC-W-12	10/1/91	1.5	1.5	FLUORANTHENE ,HIST	14			MG/KG
MYC-W-12	10/1/91	1.5	1.5	FLUORENE ,HIST	5.3			MG/KG
MYC-W-12	10/1/91	1.5	1.5	NAPHTHALENE ,HIST	5.3			MG/KG
MYC-W-12	10/1/91	1.5	1.5	PHENANTHRENE ,HIST	23			MG/KG
MYC-W-12	10/1/91	1.5	1.5	PYRENE ,HIST	14			MG/KG
MYC-W-12	10/1/91	1.5	1.5	TOTAL SVOCS ,HIST	110.4			MG/KG
MYC-W-13	10/1/91	2	2	1,2,4-TRICHLOROBENZENE ,HIST	2			MG/KG
MYC-W-13	10/1/91	2	2	2-METHYLNAPHTHALENE ,HIST	1.9			MG/KG
MYC-W-13	10/1/91	2	2	ANTHRACENE ,HIST	3.8			MG/KG
MYC-W-13	10/1/91	2	2	BENZO(A)ANTHRACENE ,HIST	0.32			MG/KG
MYC-W-13	10/1/91	2	2	BENZO(B)FLUORANTHENE ,HIST	0.28			MG/KG
MYC-W-13	10/1/91	2	2	CHRYSENE ,HIST	0.44			MG/KG
MYC-W-13	10/1/91	2	2	DIBENZOFURAN ,HIST	0.57			MG/KG
MYC-W-13	10/1/91	2	2	FLUORANTHENE ,HIST	2.2			MG/KG
MYC-W-13	10/1/91	2	2	FLUORENE ,HIST	0.61			MG/KG
MYC-W-13	10/1/91	2	2	NAPHTHALENE ,HIST	1.9			MG/KG
MYC-W-13	10/1/91	2	2	PHENANTHRENE ,HIST	4.1			MG/KG
MYC-W-13	10/1/91	2	2	PHENOL ,HIST	4.2			MG/KG
MYC-W-13	10/1/91	2	2	PYRENE ,HIST	0.6			MG/KG
MYC-W-13	10/1/91	2	2	TOTAL SVOCS ,HIST	22.92			MG/KG
MYC-W-15	5/1/93			1,2,4-TRICHLOROBENZENE ,HIST	10			MG/KG
MYC-W-15	5/1/93			2,4-DIMETHYLPHENOL ,HIST	8			MG/KG

TABLE E-6: SUPPORTING DATA FOR SVOC CONCENTRATIONS IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-15	5/1/93			2-METHYLNAPHTHALENE ,HIST	24			MG/KG
MYC-W-15	5/1/93			4-METHYLPHENOL ,HIST	9			MG/KG
MYC-W-15	5/1/93			ACENAPHTHENE ,HIST	15			MG/KG
MYC-W-15	5/1/93			ACENAPHTHYLENE ,HIST	11			MG/KG
MYC-W-15	5/1/93			BENZO(A)ANTHRACENE ,HIST	16			MG/KG
MYC-W-15	5/1/93			BENZO(B)FLUORANTHENE ,HIST	1.9			MG/KG
MYC-W-15	5/1/93			BENZO(K)FLUORANTHENE ,HIST	6			MG/KG
MYC-W-15	5/1/93			BUTYLBENZYLPHTHALATE ,HIST	7			MG/KG
MYC-W-15	5/1/93			CHRYSENE ,HIST	16			MG/KG
MYC-W-15	5/1/93			DIBENZOFURAN ,HIST	12			MG/KG
MYC-W-15	5/1/93			FLUORENE ,HIST	31			MG/KG
MYC-W-15	5/1/93			INDENO(1,2,3-CD)PYRENE ,HIST	11			MG/KG
MYC-W-15	5/1/93			NAPHTHALENE ,HIST	180			MG/KG
MYC-W-15	5/1/93			PYRENE ,HIST	40			MG/KG
MYC-W-15	5/1/93			TOTAL SVOCS ,HIST	397.9			MG/KG
MYC-W-2	10/1/90	2	2	2,4,5-TRICHLOROPHENOL ,HIST	0.38			MG/KG
MYC-W-2	10/1/90	2	2	2-METHYLNAPHTHALENE ,HIST	0.62			MG/KG
MYC-W-2	10/1/90	2	2	4-METHYLPHENOL ,HIST	0.78			MG/KG
MYC-W-2	10/1/90	2	2	BENZO(A)PYRENE ,HIST	0.41			MG/KG
MYC-W-2	10/1/90	2	2	BENZO(B)FLUORANTHENE ,HIST	0.83			MG/KG
MYC-W-2	10/1/90	2	2	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	35			MG/KG
MYC-W-2	10/1/90	2	2	BUTYLBENZYLPHTHALATE ,HIST	2.4			MG/KG
MYC-W-2	10/1/90	2	2	CHRYSENE ,HIST	0.67			MG/KG
MYC-W-2	10/1/90	2	2	DI-N-BUTYLPHTHALATE ,HIST	1.8			MG/KG
MYC-W-2	10/1/90	2	2	FLUORANTHENE ,HIST	1.6			MG/KG
MYC-W-2	10/1/90	2	2	NAPHTHALENE ,HIST	0.41			MG/KG
MYC-W-2	10/1/90	2	2	PHENANTHRENE ,HIST	1.8			MG/KG
MYC-W-2	10/1/90	2	2	PHENOL ,HIST	0.44			MG/KG
MYC-W-2	10/1/90	2	2	PYRENE ,HIST	1.6			MG/KG
MYC-W-2	10/1/90	2	2	TOTAL SVOCS ,HIST	48.74			MG/KG
MYC-W-3	10/1/90	1	1	PYRENE ,HIST	4			MG/KG
MYC-W-3	10/1/90	1	1	TOTAL SVOCS ,HIST	4			MG/KG
MYC-W-4	10/1/90	1	1	ANTHRACENE ,HIST	0.91			MG/KG
MYC-W-4	10/1/90	1	1	CHRYSENE ,HIST	1.6			MG/KG
MYC-W-4	10/1/90	1	1	DI-N-BUTYLPHTHALATE ,HIST	0.76			MG/KG
MYC-W-4	10/1/90	1	1	FLUORANTHENE ,HIST	2			MG/KG
MYC-W-4	10/1/90	1	1	FLUORENE ,HIST	0.61			MG/KG
MYC-W-4	10/1/90	1	1	PHENANTHRENE ,HIST	0.85			MG/KG
MYC-W-4	10/1/90	1	1	PYRENE ,HIST	2.9			MG/KG
MYC-W-4	10/1/90	1	1	TOTAL SVOCS ,HIST	9.63			MG/KG
MYC-W-5	10/1/90	1	1	2-METHYLNAPHTHALENE ,HIST	0.91			MG/KG

TABLE E-6: SUPPORTING DATA FOR SVOC CONCENTRATIONS IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-5	10/1/90	1	1	ACENAPHTHENE ,HIST	0.92			MG/KG
MYC-W-5	10/1/90	1	1	ANTHRACENE ,HIST	0.71			MG/KG
MYC-W-5	10/1/90	1	1	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	30			MG/KG
MYC-W-5	10/1/90	1	1	DI-N-BUTYLPHTHALATE ,HIST	0.34			MG/KG
MYC-W-5	10/1/90	1	1	DIBENZOFURAN ,HIST	0.46			MG/KG
MYC-W-5	10/1/90	1	1	FLUORANTHENE ,HIST	1.1			MG/KG
MYC-W-5	10/1/90	1	1	FLUORENE ,HIST	0.83			MG/KG
MYC-W-5	10/1/90	1	1	NAPHTHALENE ,HIST			NR	MG/KG
MYC-W-5	10/1/90	1	1	PHENANTHRENE ,HIST	2.9			MG/KG
MYC-W-5	10/1/90	1	1	PYRENE ,HIST	2.5			MG/KG
MYC-W-5	10/1/90	1	1	TOTAL SVOCS ,HIST	40.67			MG/KG
MYC-W-6	10/1/90	1	1	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	2			MG/KG
MYC-W-6	10/1/90	1	1	DI-N-BUTYLPHTHALATE ,HIST	4.3			MG/KG
MYC-W-6	10/1/90	1	1	TOTAL SVOCS ,HIST	6.3			MG/KG
MYC-W-9	10/1/91	1	1	ACENAPHTHYLENE ,HIST	0.86			MG/KG
MYC-W-9	10/1/91	1	1	TOTAL SVOCS ,HIST	0.86			MG/KG
SB-11	5/16/89	1.5	2	2-METHYLPHENOL ,SV	0	1	ND	MG/KG
SB-11	5/16/89	1.5	2	4-METHYLPHENOL ,SV	0	1	ND	MG/KG
SB-11	5/16/89	1.5	2	ISOPHORONE ,SV	8			MG/KG
SB-11	5/16/89	1.5	2	NAPHTHALENE ,SV	0	1	ND	MG/KG
SB-11	5/16/89	1.5	2	TOTAL SVOCS ,SV	8			MG/KG
SB-13	5/17/89	1.5	2	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-13	5/17/89	1.5	2	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-13	5/17/89	1.5	2	NAPHTHALENE ,SV	2.3			MG/KG
SB-13	5/17/89	1.5	2	TOTAL SVOCS ,SV	2.3			MG/KG
SB-14	5/17/89	1.5	2	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-14	5/17/89	1.5	2	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-14	5/17/89	1.5	2	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-14	5/17/89	1.5	2	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
SB-44	6/28/90			2-METHYLPHENOL ,SV	0	0.2	ND	MG/KG
SB-44	6/28/90			4-METHYLPHENOL ,SV	0	0.2	ND	MG/KG
SB-44	6/28/90			NAPHTHALENE ,SV	0	0.2	ND	MG/KG
SB-44	6/28/90			TOTAL SVOCS ,SV	0	0.2	ND	MG/KG
SB-7AB	5/18/89	1.5	2	2-METHYLPHENOL ,SV	0	0.5	ND	MG/KG
SB-7AB	5/18/89	1.5	2	4-METHYLPHENOL ,SV	0	0.5	ND	MG/KG
SB-7AB	5/18/89	1.5	2	NAPHTHALENE ,SV	0.6			MG/KG
SB-7AB	5/18/89	1.5	2	TOTAL SVOCS ,SV	0.6			MG/KG
SB-8AB	5/16/89	1.5	2	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-8AB	5/16/89	1.5	2	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-8AB	5/16/89	1.5	2	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-8AB	5/16/89	1.5	2	PYRENE ,SV	0.2			MG/KG

TABLE E-6: SUPPORTING DATA FOR SVOC CONCENTRATIONS IN SHALLOW SOIL
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-8AB	5/16/89	1.5	2	TOTAL SVOCS ,SV	0.2			MG/KG
SB-9	5/16/89	1.5	2	2-METHYLPHENOL ,SV	0	2	ND	MG/KG
SB-9	5/16/89	1.5	2	4-METHYLPHENOL ,SV	0	2	ND	MG/KG
SB-9	5/16/89	1.5	2	NAPHTHALENE ,SV	0	2	ND	MG/KG
SB-9	5/16/89	1.5	2	TOTAL SVOCS ,SV	0	2	ND	MG/KG
SW-2BD	7/14/88	1.5	2	2-METHYLNAPHTHALENE ,SV	1.8			MG/KG
SW-2BD	7/14/88	1.5	2	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-2BD	7/14/88	1.5	2	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-2BD	7/14/88	1.5	2	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0.7			MG/KG
SW-2BD	7/14/88	1.5	2	NAPHTHALENE ,SV	4.9			MG/KG
SW-2BD	7/14/88	1.5	2	TOTAL SVOCS ,SV	7.4			MG/KG
SW-3A	7/14/88	1.5	2	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-3A	7/14/88	1.5	2	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-3A	7/14/88	1.5	2	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	1			MG/KG
SW-3A	7/14/88	1.5	2	NAPHTHALENE ,SV	0	0.3	ND	MG/KG
SW-3A	7/14/88	1.5	2	TOTAL SVOCS ,SV	1			MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
45-1	7/23/97	3.0000	3.0000	2,130,508.9	6,045,217.0	ARSENIC _ICP	3.1000	1.0000		MG/KG
45-2	7/23/97	3.0000	3.0000	2,130,528.0	6,045,293.4	ARSENIC _ICP	3.3000	1.0000		MG/KG
45-3	7/23/97	3.0000	3.0000	2,130,542.8	6,045,342.0	ARSENIC _ICP	4.9000	1.0000		MG/KG
45-4	7/23/97	3.0000	3.0000	2,130,556.2	6,045,387.3	ARSENIC _ICP	4.1000	1.0000		MG/KG
AA9101	1/18/91	4.0000	4.0000	2,130,670.4	6,045,006.0	ARSENIC _UNK	14.0000	0.0000		MG/KG
AA9103	1/17/91	10.0000	10.0000	2,130,748.9	6,044,966.7	ARSENIC _UNK	760.0000	0.0000		MG/KG
AA9104	1/18/91	10.0000	10.0000	2,130,880.3	6,044,906.7	ARSENIC _UNK	2000.0000	0.0000		MG/KG
AA9105	1/18/91	4.0000	4.0000	2,130,861.5	6,044,910.8	ARSENIC _UNK	4100.0000	0.0000		MG/KG
AA9106	1/18/91	8.0000	8.0000	2,130,819.6	6,044,918.9	ARSENIC _UNK	28000.0000	0.0000		MG/KG
AA9107	1/17/91	10.0000	10.0000	2,130,779.5	6,044,924.8	ARSENIC _UNK	1900.0000	0.0000		MG/KG
AA9108	1/17/91	10.0000	10.0000	2,130,743.6	6,044,930.7	ARSENIC _UNK	32000.0000	0.0000		MG/KG
AA9109	1/18/91	10.0000	10.0000	2,130,849.8	6,044,867.6	ARSENIC _UNK	4500.0000	0.0000		MG/KG
AA9110	1/17/91	10.0000	10.0000	2,130,814.3	6,044,879.4	ARSENIC _UNK	4000.0000	0.0000		MG/KG
AA9111	1/17/91	4.0000	4.0000	2,130,770.6	6,044,888.7	ARSENIC _UNK	1700.0000	0.0000		MG/KG
AA9112	1/17/91	10.0000	10.0000	2,130,732.8	6,044,899.9	ARSENIC _UNK	850.0000	0.0000		MG/KG
AA9113	6/13/91	4.0000	4.0000	2,130,867.1	6,044,800.5	ARSENIC _UNK	129.0000	0.0000		MG/KG
AA9114	6/13/91	6.0000	6.0000	2,130,839.8	6,044,824.5	ARSENIC _UNK	672.0000	0.0000		MG/KG
AA9115	6/13/91	6.0000	6.0000	2,130,797.4	6,044,830.8	ARSENIC _UNK	535.0000	0.0000		MG/KG
AA9116	6/13/91	6.0000	6.0000	2,130,769.0	6,044,837.6	ARSENIC _UNK	400.0000	0.0000		MG/KG
AA9117	6/12/91	4.0000	4.0000	2,130,731.6	6,044,844.7	ARSENIC _UNK	91.0000	0.0000		MG/KG
AA9118	6/12/91	8.0000	8.0000	2,130,709.2	6,044,923.3	ARSENIC _UNK	48.0000	0.0000		MG/KG
AA9119	6/12/91	4.0000	4.0000	2,130,675.0	6,044,944.6	ARSENIC _UNK	5.0000	0.0000		MG/KG
AA9120	6/13/91	4.0000	4.0000	2,130,889.1	6,044,788.9	ARSENIC _UNK	329.0000	0.0000		MG/KG
AA9121	6/13/91	8.0000	8.0000	2,130,838.0	6,044,794.4	ARSENIC _UNK	1260.0000	0.0000		MG/KG
AA9122	6/13/91	4.0000	4.0000	2,130,754.9	6,044,820.8	ARSENIC _UNK	461.0000	0.0000		MG/KG
AA9123	6/12/91	8.0000	8.0000	2,130,684.7	6,044,893.8	ARSENIC _UNK	2810.0000	0.0000		MG/KG
AA9124	6/12/91	6.0000	6.0000	2,130,670.0	6,044,913.9	ARSENIC _UNK	11.0000	0.0000		MG/KG
AA91TS1	6/13/91	1.0000	3.0000	2,130,815.9	6,044,885.4	ARSENIC _UNK	23800.0000	0.0000		MG/KG
AA91TS2	6/13/91	10.0000	12.0000	2,130,820.1	6,044,922.5	ARSENIC _UNK	10500.0000	0.0000		MG/KG
AA91TS3	6/13/91	2.0000	5.0000	2,130,851.4	6,044,873.5	ARSENIC _UNK	34000.0000	0.0000		MG/KG
AGI-MW-10	7/30/93	4.0000	4.0000	2,129,787.5	6,044,350.0	ARSENIC _HIST	7.0000	0.0000		MG/KG
AGI-MW-15	7/1/93	4.0000	4.0000	2,130,556.9	6,044,087.9	ARSENIC _HIST	44.0000	0.0000		MG/KG
AGI-MW-16	7/1/93	4.0000	4.0000	2,129,950.4	6,044,159.8	ARSENIC _HIST	3.0000	0.0000		MG/KG
AGI-MW-2B	8/10/93	3.5000	4.0000	2,130,091.8	6,044,308.3	ARSENIC _HIST	21.0000	0.0000		MG/KG
AGI-MW-6	7/1/93	4.5000	4.5000	2,130,444.1	6,044,242.3	ARSENIC _HIST	24.0000	0.0000		MG/KG
AGI-MW-8	7/28/93	4.5000	4.5000	2,130,513.6	6,044,391.8	ARSENIC _HIST	5.0000	0.0000		MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-9	7/26/93	4.0000	4.0000	2,129,998.5	6,044,376.6	ARSENIC _HIST	28.0000	0.0000		MG/KG
AGI-SB-01	7/20/93	5.5000	5.5000	2,130,499.0	6,044,147.8	ARSENIC _HIST	43.0000	0.0000		MG/KG
AGI-SB-02	7/22/93	4.0000	4.0000	2,130,439.1	6,044,294.6	ARSENIC _HIST	39.0000	0.0000		MG/KG
AGI-SB-05	8/2/93	4.0000	4.0000	2,130,514.4	6,044,286.9	ARSENIC _HIST	2.0000	0.0000		MG/KG
AGI-SB-09	7/22/93	4.5000	4.5000	2,130,372.2	6,044,252.9	ARSENIC _HIST	15.0000	0.0000		MG/KG
AGI-SB-10	7/22/93	4.5000	4.5000	2,130,386.4	6,044,231.0	ARSENIC _HIST	17.0000	0.0000		MG/KG
AGI-SB-13	7/26/93	4.0000	4.0000	2,130,390.0	6,044,369.0	ARSENIC _HIST	34.0000	0.0000		MG/KG
AGI-SB-14	7/26/93	4.5000	4.5000	2,130,300.7	6,044,369.0	ARSENIC _HIST	13.0000	0.0000		MG/KG
AGI-SB-15	7/26/93	4.5000	4.5000	2,130,258.9	6,044,363.3	ARSENIC _HIST	10.0000	0.0000		MG/KG
AGI-SB-16	7/26/93	4.5000	4.5000	2,130,222.8	6,044,357.6	ARSENIC _HIST	5.0000	0.0000		MG/KG
AGI-SB-17	7/30/93	4.0000	4.0000	2,130,133.4	6,044,351.9	ARSENIC _HIST	6.0000	0.0000		MG/KG
AGI-SB-18	7/27/93	4.0000	4.0000	2,130,093.5	6,044,344.3	ARSENIC _HIST	8.0000	0.0000		MG/KG
AGI-SB-21	7/21/93	4.0000	4.0000	2,130,077.7	6,044,282.4	ARSENIC _HIST	14.0000	0.0000		MG/KG
AGI-SB-22	7/22/93	4.0000	4.0000	2,130,065.0	6,044,370.9	ARSENIC _HIST	8.0000	0.0000		MG/KG
AGI-SB-23	8/2/93	4.0000	4.0000	2,130,044.1	6,044,391.8	ARSENIC _HIST	9.0000	0.0000		MG/KG
AGI-SB-27	7/27/93	4.0000	4.0000	2,129,986.7	6,044,315.3	ARSENIC _HIST	21.0000	0.0000		MG/KG
AGI-SB-28	7/27/93	4.0000	4.0000	2,129,724.8	6,044,332.9	ARSENIC _HIST	40.0000	0.0000		MG/KG
AGI-SB-29	7/27/93	4.0000	4.0000	2,129,662.0	6,044,334.8	ARSENIC _HIST	71.0000	0.0000		MG/KG
AGI-SB-47	7/21/93	4.5000	4.5000	2,130,386.4	6,044,010.2	ARSENIC _HIST	11.0000	0.0000		MG/KG
AGI-SB-48	7/21/93	4.0000	4.0000	2,130,294.5	6,044,017.3	ARSENIC _HIST	52.0000	0.0000		MG/KG
AGI-SB-50	7/21/93	4.0000	4.0000	2,130,384.0	6,044,103.3	ARSENIC _HIST	10.0000	0.0000		MG/KG
AGI-SB-51	7/21/93	4.0000	4.0000	2,130,243.8	6,044,080.9	ARSENIC _HIST	9.0000	0.0000		MG/KG
AGI-SB-52	7/21/93	4.5000	4.5000	2,130,067.0	6,044,151.6	ARSENIC _HIST	33.0000	0.0000		MG/KG
AGI-SB-53	7/21/93	4.0000	4.0000	2,129,817.1	6,044,153.6	ARSENIC _HIST	42.0000	0.0000		MG/KG
AGI-SB-54	7/27/93	4.5000	4.5000	2,129,842.2	6,044,211.5	ARSENIC _HIST	12.0000	0.0000		MG/KG
AGI-SB-56	7/21/93	4.0000	4.0000	2,130,001.1	6,044,228.2	ARSENIC _HIST	5.0000	0.0000		MG/KG
AGI-SB-57	7/21/93	4.0000	4.0000	2,130,137.7	6,044,189.3	ARSENIC _HIST	36.0000	0.0000		MG/KG
AGI-SB-58	8/31/93	7.0000	7.0000	2,130,442.9	6,044,159.8	ARSENIC _HIST	5.0000	0.0000		MG/KG
AGI-SB-59	8/31/93	8.0000	8.0000	2,130,508.6	6,044,001.0	ARSENIC _HIST	11.0000	0.0000		MG/KG
AGI-SB-63	2/22/94	4.0000	4.0000	2,130,551.1	6,044,290.7	ARSENIC _HIST	3.0000	0.0000		MG/KG
BCS-BC-1	7/11/95	2.5000	3.0000	2,130,566.4	6,044,073.8	ARSENIC _ICP	37.0000	0.0000		MG/KG
BCS-BC-10	7/11/95	3.5000	4.0000	2,130,561.0	6,044,202.2	ARSENIC _ICP	19.0000	0.0000		MG/KG
BCS-BC-11	7/11/95	3.5000	4.0000	2,130,562.3	6,044,221.8	ARSENIC _ICP	7.3000	0.0000		MG/KG
BCS-BC-12	7/11/95	5.0000	5.5000	2,130,552.2	6,044,236.0	ARSENIC _ICP	7.6000	0.0000		MG/KG
BCS-BC-13	7/11/95	5.0000	5.5000	2,130,552.2	6,044,264.4	ARSENIC _ICP	5.4000	0.0000		MG/KG
BCS-BC-14	7/11/95	5.5000	6.0000	2,130,554.9	6,044,294.8	ARSENIC _ICP	67.0000	0.0000		MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
BCS-BC-3	7/11/95	2.0000	2.5000	2,130,562.3	6,044,098.2	ARSENIC _ICP	78.0000	0.0000		MG/KG
BCS-BC-4	7/11/95	3.0000	3.5000	2,130,566.4	6,044,109.6	ARSENIC _ICP	400.0000	0.0000		MG/KG
BCS-BC-5	7/11/95	5.0000	5.5000	2,130,566.4	6,044,124.5	ARSENIC _ICP	5.2000	0.0000		MG/KG
BCS-BC-6	7/11/95	3.0000	3.5000	2,130,564.3	6,044,134.0	ARSENIC _ICP	220.0000	0.0000		MG/KG
BCS-BC-7	7/11/95	2.0000	2.5000	2,130,563.7	6,044,142.7	ARSENIC _ICP	48.0000	0.0000		MG/KG
BCS-BC-8	7/11/95	3.0000	3.5000	2,130,563.0	6,044,155.6	ARSENIC _ICP	160.0000	0.0000		MG/KG
BCS-BC-9	7/11/95	5.0000	5.5000	2,130,563.7	6,044,175.2	ARSENIC _ICP	51.0000	0.0000		MG/KG
BCS-P-1	7/11/95	3.0000	3.5000	2,130,552.8	6,044,251.5	ARSENIC _ICP	3.0000	0.0000		MG/KG
CCS-99+41	6/27/97	2.5000	2.5000	2,130,263.3	6,044,883.3	ARSENIC _ICP	3.9000	1.0000		MG/KG
CCS-W7+64	7/1/97	5.0000	5.0000	2,130,773.5	6,045,070.5	ARSENIC _ICP	4.4000	1.0000		MG/KG
CCS-W7+89	7/1/97	5.0000	5.0000	2,130,787.0	6,045,063.9	ARSENIC _ICP	4.0000	1.0000		MG/KG
CS-02+16	7/1/97	2.5000	2.5000	2,130,333.7	6,045,134.5	ARSENIC _ICP	4.6000	1.0000		MG/KG
CS-05+72	6/13/97	2.5000	2.5000	2,130,587.9	6,045,122.7	ARSENIC _ICP	20.0000	1.0000		MG/KG
CS-09+07	6/13/97	7.0000	7.0000	2,130,868.8	6,045,044.2	ARSENIC _ICP	61.0000	1.0000		MG/KG
CS-09+21	6/13/97	4.0000	4.0000	2,130,890.4	6,045,038.0	ARSENIC _ICP	23.0000	1.0000		MG/KG
CS-E10+12	7/11/97	2.5000	2.5000	2,130,991.7	6,045,053.8	ARSENIC _ICP	6.9000	1.0000		MG/KG
CS-E7+85	7/25/97	4.0000	4.0000	2,130,787.0	6,045,110.5	ARSENIC _ICP	23.0000	1.0000		MG/KG
CS-E8+12	7/24/97	4.0000	4.0000	2,130,812.2	6,045,106.3	ARSENIC _ICP	40.0000	1.0000		MG/KG
CS-E8+35	7/24/97	4.0000	4.0000	2,130,838.0	6,045,096.8	ARSENIC _ICP	8.8000	1.0000		MG/KG
CS-E8+60	7/24/97	4.0000	4.0000	2,130,857.1	6,045,092.4	ARSENIC _ICP	10.0000	1.0000		MG/KG
CS-E8+65	7/24/97	3.0000	3.0000	2,130,866.0	6,045,094.9	ARSENIC _ICP	8.7000	1.0000		MG/KG
CS-E8+85	7/22/97	2.5000	2.5000	2,130,883.5	6,045,084.8	ARSENIC _ICP	10.0000	1.0000		MG/KG
CS-E9+35	7/18/97	3.0000	3.0000	2,130,926.7	6,045,072.4	ARSENIC _ICP	4.8000	1.0000		MG/KG
CS-E9+60	7/18/97	3.0000	3.0000	2,130,950.5	6,045,066.6	ARSENIC _ICP	4.3000	1.0000		MG/KG
CS-E9+85	7/21/97	3.5000	3.5000	2,130,971.0	6,045,059.7	ARSENIC _ICP	6.0000	1.0000		MG/KG
CS-W3+95	7/7/97	2.5000	2.5000	2,130,422.5	6,045,171.2	ARSENIC _AA	7.5000	0.5000		MG/KG
CS-W4+70	7/7/97	2.5000	2.5000	2,130,462.7	6,045,158.6	ARSENIC _AA	8.6000	0.5000		MG/KG
CS-W6+45	7/10/97	4.0000	4.0000	2,130,670.8	6,045,099.3	ARSENIC _ICP	34.0000	1.0000		MG/KG
CS-W7+03	7/14/97	2.5000	2.5000	2,130,709.7	6,045,089.3	ARSENIC _ICP	16.0000	1.0000		MG/KG
CS-W7+25	6/18/97	4.0000	4.0000	2,130,730.2	6,045,082.9	ARSENIC _ICP	9.9000	1.0000		MG/KG
CS-W7+39	6/20/97	4.0000	4.0000	2,130,754.0	6,045,077.1	ARSENIC _ICP	5.0000	1.0000		MG/KG
CS-W7+64	7/1/97	4.0000	4.0000	2,130,773.1	6,045,067.9	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-W7+89	7/1/97	4.0000	4.0000	2,130,786.6	6,045,067.3	ARSENIC _ICP	12.0000	1.0000		MG/KG
CS-W8+20	7/8/97	4.0000	4.0000	2,130,811.0	6,045,062.8	ARSENIC _ICP	460.0000	1.0000		MG/KG
CS-W8+64	7/2/97	4.0000	4.0000	2,130,832.3	6,045,055.7	ARSENIC _ICP	73.0000	1.0000		MG/KG
CS-W8+87	6/18/97	5.0000	5.0000	2,130,845.8	6,045,052.9	ARSENIC _ICP	28.0000	1.0000		MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
CS-W9+35	7/8/97	4.0000	4.0000	2,130,914.6	6,045,030.1	ARSENIC _ICP	13.0000	1.0000		MG/KG
EKI-4525-6	7/19/93	6.0000	9.5000	2,130,940.5	6,044,917.7	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
EKI-4525-7	7/19/93	6.5000	13.0000	2,130,904.7	6,044,851.0	ARSENIC _HIST	3600.0000	0.0000		MG/KG
EKI-4525-8	7/19/93	3.0000	10.5000	2,130,918.7	6,044,960.1	ARSENIC _HIST	390.0000	0.0000		MG/KG
EKI-4543-A	7/14/93	3.5000	10.0000	2,131,152.9	6,044,775.0	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
EKI-4543-B	7/19/93	12.0000	12.0000	2,131,039.1	6,044,795.4	ARSENIC _HIST	120.0000	0.0000		MG/KG
EKI-4543-C	7/14/93	3.0000	9.0000	2,130,989.0	6,044,946.1	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
EKI-4563-A	7/14/93	3.5000	12.0000	2,131,290.0	6,044,754.6	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
EKI-CH-10	11/12/96	6.0000	6.5000	2,130,866.9	6,044,824.4	ARSENIC _ICP	42.0000	0.0000		MG/KG
EKI-CH-2	11/12/96	5.5000	6.0000	2,130,889.1	6,045,010.3	ARSENIC _ICP	12.0000	0.0000		MG/KG
EKI-CH-3	11/12/96	4.0000	4.5000	2,130,907.0	6,044,973.4	ARSENIC _ICP	30000.0000	0.0000		MG/KG
EKI-CH-5	11/12/96	4.0000	4.5000	2,130,882.4	6,044,929.4	ARSENIC _ICP	42.0000	0.0000		MG/KG
EKI-CH-6	11/12/96	3.5000	4.0000	2,130,889.2	6,044,907.8	ARSENIC _ICP	4500.0000	0.0000		MG/KG
EKI-CH-7	11/12/96	4.0000	4.5000	2,130,855.6	6,044,917.5	ARSENIC _ICP	56000.0000	0.0000		MG/KG
EKI-CH-8	11/12/96	4.0000	4.5000	2,130,850.8	6,044,896.4	ARSENIC _ICP	18000.0000	0.0000		MG/KG
EKI-CH-9	11/12/96	3.0000	3.5000	2,130,855.3	6,044,853.1	ARSENIC _ICP	27000.0000	0.0000		MG/KG
GP-1	12/5/96	2.0000	2.5000	2,130,959.4	6,044,994.5	ARSENIC _AA	1.1000	0.5000		MG/KG
GP-10	12/5/96	5.0000	5.5000	2,130,903.5	6,044,868.9	ARSENIC _AA	11.0000	0.5000		MG/KG
GP-11	12/5/96	7.0000	7.5000	2,130,924.1	6,045,001.4	ARSENIC _AA	8.6000	0.5000		MG/KG
GP-12	12/5/96	2.0000	2.5000	2,130,917.0	6,044,970.7	ARSENIC _AA	20000.0000	0.5000		MG/KG
GP-13	12/5/96	2.0000	2.5000	2,130,908.3	6,044,930.0	ARSENIC _AA	33.0000	0.5000		MG/KG
GP-14B	12/5/96	7.0000	7.5000	2,130,897.8	6,044,884.6	ARSENIC _AA	17.0000	0.5000		MG/KG
GP-15	12/5/96	7.0000	7.5000	2,130,888.1	6,044,853.2	ARSENIC _AA	18.0000	0.5000		MG/KG
GP-1B	12/5/96	7.0000	7.5000	2,130,957.3	6,044,987.9	ARSENIC _AA	4.6000	0.5000		MG/KG
GP-2	12/5/96	7.0000	7.5000	2,130,949.7	6,044,962.4	ARSENIC _AA	49.0000	0.5000		MG/KG
GP-3	12/5/96	2.0000	2.5000	2,130,939.6	6,044,925.0	ARSENIC _AA	10.0000	0.5000		MG/KG
GP-4	12/5/96	5.0000	5.5000	2,130,929.5	6,044,887.5	ARSENIC _AA	8.0000	0.5000		MG/KG
GP-5	12/5/96	7.0000	7.5000	2,130,918.1	6,044,846.8	ARSENIC _AA	210.0000	0.5000		MG/KG
GP-6	12/5/96	3.0000	3.5000	2,130,942.1	6,045,016.5	ARSENIC _AA	3.4000	0.5000		MG/KG
GP-6B	12/5/96	7.0000	7.5000	2,130,937.8	6,045,006.4	ARSENIC _AA	1.1000	0.5000		MG/KG
GP-7	12/5/96	6.5000	7.0000	2,130,933.2	6,044,984.4	ARSENIC _AA	11.0000	0.5000		MG/KG
GP-8	12/5/96	7.0000	7.5000	2,130,923.7	6,044,947.0	ARSENIC _AA	1700.0000	0.5000		MG/KG
GP-9	12/5/96	2.0000	2.5000	2,130,914.2	6,044,909.6	ARSENIC _AA	11.0000	0.5000		MG/KG
GP-9B	12/5/96	7.0000	7.5000	2,130,913.1	6,044,901.6	ARSENIC _AA	170.0000	0.5000		MG/KG
GS-1	9/3/97	4.0000	4.0000	2,130,809.0	6,045,117.4	ARSENIC _ICP	9.4000	1.0000		MG/KG
GS-3	9/5/97	4.0000	4.0000	2,130,795.4	6,045,123.3	ARSENIC _ICP	23.0000	1.0000		MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GS-SW-1	9/3/97	3.0000	3.0000	2,130,818.4	6,045,118.0	ARSENIC _ICP	5.8000	1.0000		MG/KG
HAR-HB-32	6/12/98	5.0000	5.5000	2,131,439.9	6,044,313.9	ARSENIC _ICP	0.0000	5.0000	ND	MG/KG
HAR-HB-38	6/11/98	2.5000	3.0000	2,131,365.8	6,044,372.6	ARSENIC _ICP	24.0000	0.0000		MG/KG
HAR-HB-39	6/11/98	5.0000	5.5000	2,131,354.5	6,044,230.6	ARSENIC _ICP	7.1000	0.0000		MG/KG
HAR-HB-40	6/11/98	2.0000	2.5000	2,131,181.1	6,044,384.6	ARSENIC _ICP	18.0000	0.0000		MG/KG
HAR-HB-41	6/11/98	2.0000	2.5000	2,131,169.6	6,044,235.5	ARSENIC _ICP	15.0000	0.0000		MG/KG
HAR-HB-42	6/12/98	5.0000	5.5000	2,131,168.8	6,044,189.3	ARSENIC _ICP	7.3000	0.0000		MG/KG
HAR-HB-43	6/12/98	5.0000	5.5000	2,131,218.5	6,044,085.9	ARSENIC _ICP	12.0000	0.0000		MG/KG
HAR-HB-44	6/12/98	5.0000	5.5000	2,131,113.3	6,044,117.0	ARSENIC _ICP	19.0000	0.0000		MG/KG
HAR-HB-45	6/12/98	2.5000	3.0000	2,131,161.4	6,044,141.5	ARSENIC _ICP	16.0000	0.0000		MG/KG
HS-75	7/23/97	3.0000	3.0000	2,130,922.1	6,045,061.4	ARSENIC _ICP	3.9000	1.0000		MG/KG
HS-76	7/23/97	3.0000	3.0000	2,130,916.7	6,045,043.8	ARSENIC _ICP	3.6000	1.0000		MG/KG
HS-77	7/23/97	3.0000	3.0000	2,130,843.5	6,045,060.7	ARSENIC _ICP	3.8000	1.0000		MG/KG
HS-78	7/23/97	3.0000	3.0000	2,130,848.9	6,045,079.0	ARSENIC _ICP	3.6000	1.0000		MG/KG
HS-80	7/23/97	3.0000	3.0000	2,130,777.7	6,045,081.1	ARSENIC _ICP	3.7000	1.0000		MG/KG
HS-81	7/23/97	3.0000	3.0000	2,130,720.0	6,045,096.7	ARSENIC _ICP	3.5000	1.0000		MG/KG
HS-82	7/23/97	3.0000	3.0000	2,130,726.8	6,045,116.3	ARSENIC _ICP	4.0000	1.0000		MG/KG
HS-83	7/23/97	3.0000	3.0000	2,130,653.6	6,045,136.7	ARSENIC _ICP	4.1000	1.0000		MG/KG
LF-11	10/30/89	3.5000	4.0000	2,130,655.5	6,044,621.9	ARSENIC _UNK	5.0000	0.0000		MG/KG
LF-12	11/2/89	3.5000	4.0000	2,130,813.8	6,045,074.4	ARSENIC _UNK	4.6000	0.0000		MG/KG
LF-13	10/31/89	4.5000	5.0000	2,130,531.7	6,045,245.9	ARSENIC _UNK	4.5000	0.0000		MG/KG
LF-5	5/16/89	2.0000	2.5000	2,131,072.6	6,044,701.4	ARSENIC _UNK	64.0000	0.0000		MG/KG
LF-6	5/16/89	3.5000	4.0000	2,131,006.1	6,044,715.6	ARSENIC _UNK	0.8000	0.0000		MG/KG
LF-8	11/2/89	3.5000	4.0000	2,131,297.5	6,044,651.5	ARSENIC _UNK	5.2000	0.0000		MG/KG
LF-B1	11/8/89	2.5000	3.0000	2,130,877.0	6,045,011.4	ARSENIC _UNK	480.0000	0.0000		MG/KG
LF-B6	2/2/96	26.5000	27.0000	2,131,009.9	6,044,719.9	ARSENIC _AA	3.5000	0.5000		MG/KG
MW-4	12/8/94	10.0000	10.5000	2,130,914.8	6,044,948.4	ARSENIC _HIST	448.0000	1.0000		MG/KG
MW-5	12/8/94	10.0000	10.5000	2,130,907.2	6,044,876.4	ARSENIC _HIST	10.6000	1.0000		MG/KG
MYC-W-4C	10/1/90	6.0000	6.0000	2,130,642.0	6,044,022.7	ARSENIC _HIST	140.0000	0.0000		MG/KG
SB-1	4/5/94	10.5000	11.0000	2,131,023.2	6,044,897.6	ARSENIC _AA	5.0000	1.0000		MG/KG
SB-11	5/16/89	3.5000	4.0000	2,131,044.9	6,044,692.0	ARSENIC _UNK	17.0000	0.0000		MG/KG
SB-13	5/17/89	3.5000	4.0000	2,131,146.3	6,044,691.4	ARSENIC _UNK	6.0000	0.0000		MG/KG
SB-14	5/17/89	3.5000	4.0000	2,131,107.1	6,044,701.2	ARSENIC _UNK	19.0000	0.0000		MG/KG
SB-15	5/17/89	3.5000	4.0000	2,131,107.0	6,044,663.4	ARSENIC _UNK	13.0000	0.0000		MG/KG
SB-16	10/26/89	3.5000	4.0000	2,130,945.6	6,044,772.0	ARSENIC _UNK	13.0000	0.0000		MG/KG
SB-17	10/26/89	3.5000	4.0000	2,131,038.3	6,044,748.3	ARSENIC _UNK	31.0000	0.0000		MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-18	10/26/89	3.5000	4.0000	2,131,120.6	6,044,738.1	ARSENIC _UNK	3.3000	0.0000		MG/KG
SB-2-RFP	4/5/94	11.5000	12.0000	2,131,041.9	6,044,848.5	ARSENIC _AA	15.0000	1.0000		MG/KG
SB-21	10/26/89	3.5000	4.0000	2,131,070.5	6,044,676.5	ARSENIC _UNK	8.8000	0.0000		MG/KG
SB-25	10/31/89	3.5000	4.0000	2,131,095.4	6,044,590.4	ARSENIC _UNK	3.9000	0.0000		MG/KG
SB-26	11/2/89	3.5000	4.0000	2,131,185.5	6,044,655.2	ARSENIC _UNK	8.9000	0.0000		MG/KG
SB-27	6/28/90	5.0000	5.5000	2,130,893.6	6,044,993.4	ARSENIC _UNK	800.0000	0.0000		MG/KG
SB-28	4/18/90	4.0000	4.0000	2,130,818.8	6,045,022.8	ARSENIC _UNK	5.0000	0.0000		MG/KG
SB-29	4/18/90	4.0000	4.0000	2,130,757.3	6,045,039.8	ARSENIC _UNK	4.0000	0.0000		MG/KG
SB-3	4/4/94	9.0000	9.5000	2,131,085.3	6,044,790.8	ARSENIC _AA	6.0000	1.0000		MG/KG
SB-30	4/18/90	4.0000	4.0000	2,130,708.6	6,045,061.2	ARSENIC _UNK	6.0000	0.0000		MG/KG
SB-31	4/18/90	4.0000	4.0000	2,130,728.4	6,045,027.2	ARSENIC _UNK	4.0000	0.0000		MG/KG
SB-32	4/18/90	4.0000	4.0000	2,130,771.0	6,045,012.6	ARSENIC _UNK	5.0000	0.0000		MG/KG
SB-33	4/18/90	4.0000	4.0000	2,130,814.6	6,045,004.5	ARSENIC _UNK	4.0000	0.0000		MG/KG
SB-34	4/18/90	4.0000	4.0000	2,130,848.3	6,044,997.3	ARSENIC _UNK	5.0000	0.0000		MG/KG
SB-35	4/18/90	4.0000	4.0000	2,130,880.5	6,044,960.1	ARSENIC _UNK	52000.0000	0.0000		MG/KG
SB-36	4/18/90	4.0000	4.0000	2,130,875.2	6,044,923.5	ARSENIC _UNK	6.0000	0.0000		MG/KG
SB-37	6/28/90	10.0000	10.5000	2,130,827.7	6,044,939.7	ARSENIC _UNK	19000.0000	0.0000		MG/KG
SB-38	4/18/90	4.0000	4.0000	2,130,831.5	6,044,971.5	ARSENIC _UNK	28000.0000	0.0000		MG/KG
SB-39	4/18/90	4.0000	4.0000	2,130,775.4	6,044,984.0	ARSENIC _UNK	1400.0000	0.0000		MG/KG
SB-4	4/5/94	11.5000	12.0000	2,131,037.7	6,044,964.4	ARSENIC _AA	8.0000	1.0000		MG/KG
SB-40	4/18/90	4.0000	4.0000	2,130,699.5	6,045,011.6	ARSENIC _UNK	150.0000	0.0000		MG/KG
SB-5	4/5/94	9.0000	9.5000	2,130,988.9	6,044,958.2	ARSENIC _AA	6.0000	1.0000		MG/KG
SB-6	4/4/94	7.5000	8.5000	2,130,917.9	6,044,874.6	ARSENIC _AA	180.0000	1.0000		MG/KG
SB-7	4/4/94	10.5000	11.0000	2,130,939.7	6,044,831.5	ARSENIC _AA	33.0000	1.0000		MG/KG
SB-7AB	5/18/89	3.5000	4.0000	2,130,988.5	6,044,689.5	ARSENIC _UNK	2.0000	0.0000		MG/KG
SB-8	4/5/94	2.0000	6.5000	2,130,878.0	6,044,874.7	ARSENIC _AA	8500.0000	1.0000		MG/KG
SB-8AB	5/16/89	3.5000	4.0000	2,131,010.1	6,044,664.7	ARSENIC _UNK	13.0000	0.0000		MG/KG
SB-9	5/16/89	3.5000	4.0000	2,131,017.1	6,044,692.1	ARSENIC _UNK	3.6000	0.0000		MG/KG
SBGR-005	7/18/89	1.5000	2.5000	2,131,089.2	6,045,342.4	ARSENIC _HIST	62.0000	0.0000		MG/KG
SBGR-006	7/18/89	1.5000	2.5000	2,131,135.5	6,045,336.9	ARSENIC _HIST	31.0000	0.0000		MG/KG
SBGR-008	7/18/89	1.5000	2.5000	2,131,353.2	6,045,261.1	ARSENIC _HIST	18.0000	0.0000		MG/KG
SBGR-030	7/18/89	1.5000	2.5000	2,131,270.4	6,045,287.1	ARSENIC _HIST	48.0000	0.0000		MG/KG
SBGR-031	7/18/89	1.5000	2.5000	2,131,270.4	6,045,287.1	ARSENIC _HIST	18.0000	0.0000		MG/KG
SBGR-1	11/7/93	6.0000	7.5000	2,131,423.4	6,045,171.9	ARSENIC _HIST	56.0000	0.0000		MG/KG
SBGR-10	11/9/93	6.0000	7.5000	2,131,063.9	6,045,122.4	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
SBGR-12	11/9/93	1.0000	2.5000	2,130,976.5	6,045,163.1	ARSENIC _HIST	8.3000	0.0000		MG/KG

TABLE E-7: SUMMARY OF DEEP SOIL TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SBGR-13	11/9/93	6.0000	7.5000	2,130,983.4	6,045,191.2	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
SBGR-14	11/9/93	1.0000	2.5000	2,131,022.8	6,045,270.1	ARSENIC _HIST	8.3000	0.0000		MG/KG
SBGR-15	11/9/93	7.0000	7.5000	2,131,543.0	6,045,060.8	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
SBGR-2	11/7/93	6.0000	7.5000	2,131,389.9	6,045,074.6	ARSENIC _HIST	56.0000	0.0000		MG/KG
SBGR-3	11/7/93	6.0000	7.5000	2,131,372.2	6,044,958.3	ARSENIC _HIST	56.0000	0.0000		MG/KG
SBGR-4	11/8/93	1.0000	2.5000	2,131,356.1	6,045,201.3	ARSENIC _HIST	16.0000	0.0000		MG/KG
SBGR-5	11/8/93	1.0000	2.5000	2,131,221.1	6,045,243.3	ARSENIC _HIST	16.0000	0.0000		MG/KG
SBGR-6	11/9/93	6.0000	7.5000	2,131,137.6	6,045,301.8	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
SBGR-7	11/9/93	1.0000	2.5000	2,131,158.0	6,045,197.9	ARSENIC _HIST	10.0000	0.0000		MG/KG
SBGR-8	11/9/93	1.0000	2.5000	2,131,194.9	6,045,093.8	ARSENIC _HIST	10.0000	0.0000		MG/KG
SBGR-9	11/9/93	6.0000	7.5000	2,131,036.5	6,045,081.3	ARSENIC _HIST	0.0000	5.0000	ND	MG/KG
SW-1	7/6/94	3.5000	4.0000	2,130,859.3	6,044,869.2	ARSENIC _AA	7000.0000	1.0000		MG/KG
SW-1AC	7/14/88	3.5000	4.0000	2,130,658.3	6,044,880.3	ARSENIC _UNK	0.0000	15.0000	ND	MG/KG
SW-2	7/6/94	3.5000	4.0000	2,130,867.2	6,044,907.5	ARSENIC _AA	4200.0000	1.0000		MG/KG
SW-2BD	7/14/88	3.5000	4.0000	2,130,644.4	6,044,903.0	ARSENIC _UNK	0.0000	15.0000	ND	MG/KG
SW-3	7/6/94	12.5000	13.0000	2,130,880.0	6,044,982.9	ARSENIC _AA	20000.0000	1.0000		MG/KG
SW-4	7/6/94	6.5000	7.0000	2,130,872.5	6,044,945.7	ARSENIC _AA	9500.0000	1.0000		MG/KG
SW-4AB	7/14/88	3.5000	4.0000	2,131,135.3	6,044,667.1	ARSENIC _UNK	0.0000	15.0000	ND	MG/KG
SW-5	7/14/88	3.5000	4.0000	2,131,003.6	6,044,699.3	ARSENIC _UNK	20.0000	0.0000		MG/KG
SW-6	7/14/88	2.0000	2.5000	2,130,965.0	6,044,712.3	ARSENIC _UNK	28.0000	0.0000		MG/KG
V1-W7+89	7/2/97	3.5000	3.5000	2,130,799.8	6,045,063.0	ARSENIC _ICP	4.6000	1.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
45-1	7/23/97	3.0000	3.0000	2,130,508.9	6,045,217.0	LEAD _ICP	12.0000	1.0000		MG/KG
45-2	7/23/97	3.0000	3.0000	2,130,528.0	6,045,293.4	LEAD _ICP	8.6000	1.0000		MG/KG
45-3	7/23/97	3.0000	3.0000	2,130,542.8	6,045,342.0	LEAD _ICP	7.3000	1.0000		MG/KG
45-4	7/23/97	3.0000	3.0000	2,130,556.2	6,045,387.3	LEAD _ICP	6.7000	1.0000		MG/KG
AA9101	1/18/91	4.0000	4.0000	2,130,670.4	6,045,006.0	LEAD _UNK	15.0000	0.0000		MG/KG
AA9103	1/17/91	4.0000	4.0000	2,130,748.9	6,044,966.7	LEAD _UNK	270.0000	0.0000		MG/KG
AA9104	1/18/91	10.0000	10.0000	2,130,880.3	6,044,906.7	LEAD _UNK	83.0000	0.0000		MG/KG
AA9105	1/18/91	10.0000	10.0000	2,130,861.5	6,044,910.8	LEAD _UNK	180.0000	0.0000		MG/KG
AA9106	1/18/91	6.0000	6.0000	2,130,819.6	6,044,918.9	LEAD _UNK	72.0000	0.0000		MG/KG
AA9107	1/17/91	4.0000	4.0000	2,130,779.5	6,044,924.8	LEAD _UNK	190.0000	0.0000		MG/KG
AA9108	1/17/91	4.0000	4.0000	2,130,743.6	6,044,930.7	LEAD _UNK	230.0000	0.0000		MG/KG
AA9109	1/18/91	4.0000	4.0000	2,130,849.8	6,044,867.6	LEAD _UNK	19.0000	0.0000		MG/KG
AA9110	1/17/91	4.0000	4.0000	2,130,814.3	6,044,879.4	LEAD _UNK	340.0000	0.0000		MG/KG
AA9111	1/17/91	4.0000	4.0000	2,130,770.6	6,044,888.7	LEAD _UNK	480.0000	0.0000		MG/KG
AA9112	1/17/91	4.0000	4.0000	2,130,732.8	6,044,899.9	LEAD _UNK	7.0000	0.0000		MG/KG
AA9113	6/13/91	4.0000	4.0000	2,130,867.1	6,044,800.5	LEAD _UNK	9.0000	0.0000		MG/KG
AA9114	6/13/91	6.0000	6.0000	2,130,839.8	6,044,824.5	LEAD _UNK	60.0000	0.0000		MG/KG
AA9115	6/13/91	6.0000	6.0000	2,130,797.4	6,044,830.8	LEAD _UNK	17.0000	0.0000		MG/KG
AA9116	6/13/91	4.0000	4.0000	2,130,769.0	6,044,837.6	LEAD _UNK	16.0000	0.0000		MG/KG
AA9117	6/12/91	4.0000	4.0000	2,130,731.6	6,044,844.7	LEAD _UNK	16.0000	0.0000		MG/KG
AA9118	6/12/91	8.0000	8.0000	2,130,709.2	6,044,923.3	LEAD _UNK	8.0000	0.0000		MG/KG
AA9119	6/12/91	4.0000	4.0000	2,130,675.0	6,044,944.6	LEAD _UNK	8.0000	0.0000		MG/KG
AA9120	6/13/91	4.0000	4.0000	2,130,889.1	6,044,788.9	LEAD _UNK	142.0000	0.0000		MG/KG
AA9121	6/13/91	6.0000	6.0000	2,130,838.0	6,044,794.4	LEAD _UNK	77.0000	0.0000		MG/KG
AA9122	6/13/91	4.0000	4.0000	2,130,754.9	6,044,820.8	LEAD _UNK	18.0000	0.0000		MG/KG
AA9123	6/12/91	6.0000	6.0000	2,130,684.7	6,044,893.8	LEAD _UNK	6.0000	0.0000		MG/KG
AA9124	6/12/91	6.0000	6.0000	2,130,670.0	6,044,913.9	LEAD _UNK	7.0000	0.0000		MG/KG
AA91TS1	6/13/91	1.0000	3.0000	2,130,815.9	6,044,885.4	LEAD _UNK	15400.0000	0.0000		MG/KG
AA91TS2	6/13/91	10.0000	12.0000	2,130,820.1	6,044,922.5	LEAD _UNK	50.0000	0.0000		MG/KG
AA91TS3	6/13/91	2.0000	5.0000	2,130,851.4	6,044,873.5	LEAD _UNK	10000.0000	0.0000		MG/KG
AGI-1787-1	1/7/87	3.0000	3.0000	2,130,460.6	6,043,970.1	LEAD _HIST	366.2000	0.0000		MG/KG
AGI-BH-1	2/1/87	3.0000	3.0000	2,130,398.9	6,044,263.7	LEAD _HIST	1900.0000	0.0000		MG/KG
AGI-BH-2	2/1/87	3.0000	3.0000	2,130,380.5	6,044,218.8	LEAD _HIST	1800.0000	0.0000		MG/KG
AGI-FT-05	10/1/87	6.0000	6.0000	2,130,382.8	6,044,252.9	LEAD _HIST	790.0000	0.0000		MG/KG
AGI-FT-08	10/1/87	4.0000	4.0000	2,130,426.4	6,044,190.5	LEAD _HIST	226.1000	0.0000		MG/KG
AGI-MW-10	7/30/93	4.0000	4.0000	2,129,787.5	6,044,350.0	LEAD _HIST	110.0000	0.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-15	7/1/93	4.0000	4.0000	2,130,556.9	6,044,087.9	LEAD _HIST	550.0000	0.0000		MG/KG
AGI-MW-16	7/1/93	4.0000	4.0000	2,129,950.4	6,044,159.8	LEAD _HIST	33.0000	0.0000		MG/KG
AGI-MW-2B	8/10/93	3.5000	4.0000	2,130,091.8	6,044,308.3	LEAD _HIST	733.0000	0.0000		MG/KG
AGI-MW-6	7/1/93	4.5000	4.5000	2,130,444.1	6,044,242.3	LEAD _HIST	613.0000	0.0000		MG/KG
AGI-MW-9	7/26/93	4.0000	4.0000	2,129,998.5	6,044,376.6	LEAD _HIST	895.0000	0.0000		MG/KG
AGI-SB-01	7/20/93	5.5000	5.5000	2,130,499.0	6,044,147.8	LEAD _HIST	7210.0000	0.0000		MG/KG
AGI-SB-02	7/22/93	4.0000	4.0000	2,130,439.1	6,044,294.6	LEAD _HIST	483.0000	0.0000		MG/KG
AGI-SB-05	8/2/93	4.0000	4.0000	2,130,514.4	6,044,286.9	LEAD _HIST	62.0000	0.0000		MG/KG
AGI-SB-09	7/22/93	4.5000	4.5000	2,130,372.2	6,044,252.9	LEAD _HIST	1260.0000	0.0000		MG/KG
AGI-SB-10	7/22/93	4.5000	4.5000	2,130,386.4	6,044,231.0	LEAD _HIST	342.0000	0.0000		MG/KG
AGI-SB-13	7/26/93	4.0000	4.0000	2,130,390.0	6,044,369.0	LEAD _HIST	611.0000	0.0000		MG/KG
AGI-SB-14	7/26/93	4.5000	4.5000	2,130,300.7	6,044,369.0	LEAD _HIST	1620.0000	0.0000		MG/KG
AGI-SB-15	7/26/93	4.5000	4.5000	2,130,258.9	6,044,363.3	LEAD _HIST	124.0000	0.0000		MG/KG
AGI-SB-16	7/26/93	4.5000	4.5000	2,130,222.8	6,044,357.6	LEAD _HIST	37.0000	0.0000		MG/KG
AGI-SB-17	7/30/93	4.0000	4.0000	2,130,133.4	6,044,351.9	LEAD _HIST	153.0000	0.0000		MG/KG
AGI-SB-18	7/27/93	4.0000	4.0000	2,130,093.5	6,044,344.3	LEAD _HIST	139.0000	0.0000		MG/KG
AGI-SB-21	7/21/93	4.0000	4.0000	2,130,077.7	6,044,282.4	LEAD _HIST	431.0000	0.0000		MG/KG
AGI-SB-22	7/22/93	4.0000	4.0000	2,130,065.0	6,044,370.9	LEAD _HIST	83.0000	0.0000		MG/KG
AGI-SB-23	8/2/93	4.0000	4.0000	2,130,044.1	6,044,391.8	LEAD _HIST	75.0000	0.0000		MG/KG
AGI-SB-27	7/27/93	4.0000	4.0000	2,129,986.7	6,044,315.3	LEAD _HIST	730.0000	0.0000		MG/KG
AGI-SB-28	7/27/93	4.0000	4.0000	2,129,724.8	6,044,332.9	LEAD _HIST	435.0000	0.0000		MG/KG
AGI-SB-29	7/27/93	4.0000	4.0000	2,129,662.0	6,044,334.8	LEAD _HIST	753.0000	0.0000		MG/KG
AGI-SB-47	7/21/93	4.5000	4.5000	2,130,386.4	6,044,010.2	LEAD _HIST	167.0000	0.0000		MG/KG
AGI-SB-48	7/21/93	4.0000	4.0000	2,130,294.5	6,044,017.3	LEAD _HIST	148.0000	0.0000		MG/KG
AGI-SB-50	7/21/93	4.0000	4.0000	2,130,384.0	6,044,103.3	LEAD _HIST	1470.0000	0.0000		MG/KG
AGI-SB-51	7/21/93	4.0000	4.0000	2,130,243.8	6,044,080.9	LEAD _HIST	76.0000	0.0000		MG/KG
AGI-SB-52	7/21/93	4.5000	4.5000	2,130,067.0	6,044,151.6	LEAD _HIST	4360.0000	0.0000		MG/KG
AGI-SB-53	7/21/93	4.0000	4.0000	2,129,817.1	6,044,153.6	LEAD _HIST	34100.0000	0.0000		MG/KG
AGI-SB-56	7/21/93	4.0000	4.0000	2,130,001.1	6,044,228.2	LEAD _HIST	81.0000	0.0000		MG/KG
AGI-SB-57	7/21/93	4.0000	4.0000	2,130,137.7	6,044,189.3	LEAD _HIST	378.0000	0.0000		MG/KG
AGI-SB-58	8/31/93	7.0000	7.0000	2,130,442.9	6,044,159.8	LEAD _HIST	67.0000	0.0000		MG/KG
AGI-SB-59	8/31/93	8.0000	8.0000	2,130,508.6	6,044,001.0	LEAD _HIST	98.0000	0.0000		MG/KG
AGI-SB-63	2/22/94	4.0000	4.0000	2,130,551.1	6,044,290.7	LEAD _HIST	16.0000	0.0000		MG/KG
BCS-BC-1	7/11/95	2.5000	3.0000	2,130,566.4	6,044,073.8	LEAD _ICP	120.0000	0.0000		MG/KG
BCS-BC-10	7/11/95	3.5000	4.0000	2,130,561.0	6,044,202.2	LEAD _ICP	150.0000	0.0000		MG/KG
BCS-BC-11	7/11/95	3.5000	4.0000	2,130,562.3	6,044,221.8	LEAD _ICP	19.0000	0.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
BCS-BC-12	7/11/95	5.0000	5.5000	2,130,552.2	6,044,236.0	LEAD _ICP	48.0000	0.0000		MG/KG
BCS-BC-13	7/11/95	5.0000	5.5000	2,130,552.2	6,044,264.4	LEAD _ICP	5.7000	0.0000		MG/KG
BCS-BC-14	7/11/95	5.5000	6.0000	2,130,554.9	6,044,294.8	LEAD _ICP	65.0000	0.0000		MG/KG
BCS-BC-3	7/11/95	2.0000	2.5000	2,130,562.3	6,044,098.2	LEAD _ICP	210.0000	0.0000		MG/KG
BCS-BC-4	7/11/95	3.0000	3.5000	2,130,566.4	6,044,109.6	LEAD _ICP	1700.0000	0.0000		MG/KG
BCS-BC-5	7/11/95	5.0000	5.5000	2,130,566.4	6,044,124.5	LEAD _ICP	7.7000	0.0000		MG/KG
BCS-BC-6	7/11/95	3.0000	3.5000	2,130,564.3	6,044,134.0	LEAD _ICP	2300.0000	0.0000		MG/KG
BCS-BC-7	7/11/95	2.0000	2.5000	2,130,563.7	6,044,142.7	LEAD _ICP	340.0000	0.0000		MG/KG
BCS-BC-8	7/11/95	3.0000	3.5000	2,130,563.0	6,044,155.6	LEAD _ICP	5000.0000	0.0000		MG/KG
BCS-BC-9	7/11/95	5.0000	5.5000	2,130,563.7	6,044,175.2	LEAD _ICP	12.0000	0.0000		MG/KG
BCS-P-1	7/11/95	3.0000	3.5000	2,130,552.8	6,044,251.5	LEAD _ICP	18.0000	0.0000		MG/KG
CCS-99+41	6/27/97	2.5000	2.5000	2,130,263.3	6,044,883.3	LEAD _ICP	6.9000	1.0000		MG/KG
CCS-W7+64	7/1/97	5.0000	5.0000	2,130,773.5	6,045,070.5	LEAD _ICP	5.6000	1.0000		MG/KG
CCS-W7+89	7/1/97	5.0000	5.0000	2,130,787.0	6,045,063.9	LEAD _ICP	5.6000	1.0000		MG/KG
CS-02+16	7/1/97	2.5000	2.5000	2,130,333.7	6,045,134.5	LEAD _ICP	7.2000	1.0000		MG/KG
CS-05+72	6/13/97	2.5000	2.5000	2,130,587.9	6,045,122.7	LEAD _ICP	62.0000	1.0000		MG/KG
CS-09+07	6/13/97	7.0000	7.0000	2,130,868.8	6,045,044.2	LEAD _ICP	79.0000	1.0000		MG/KG
CS-09+21	6/13/97	4.0000	4.0000	2,130,890.4	6,045,038.0	LEAD _ICP	64.0000	1.0000		MG/KG
CS-E10+12	7/11/97	2.5000	2.5000	2,130,991.7	6,045,053.8	LEAD _ICP	38.0000	1.0000		MG/KG
CS-E7+85	7/25/97	4.0000	4.0000	2,130,787.0	6,045,110.5	LEAD _ICP	28.0000	1.0000		MG/KG
CS-E8+12	7/24/97	4.0000	4.0000	2,130,812.2	6,045,106.3	LEAD _ICP	13.0000	1.0000		MG/KG
CS-E8+35	7/24/97	4.0000	4.0000	2,130,838.0	6,045,096.8	LEAD _ICP	15.0000	1.0000		MG/KG
CS-E8+60	7/24/97	4.0000	4.0000	2,130,857.1	6,045,092.4	LEAD _ICP	15.0000	1.0000		MG/KG
CS-E8+65	7/24/97	3.0000	3.0000	2,130,866.0	6,045,094.9	LEAD _ICP	19.0000	1.0000		MG/KG
CS-E8+85	7/22/97	2.5000	2.5000	2,130,883.5	6,045,084.8	LEAD _ICP	29.0000	1.0000		MG/KG
CS-E9+35	7/18/97	3.0000	3.0000	2,130,926.7	6,045,072.4	LEAD _ICP	9.2000	1.0000		MG/KG
CS-E9+60	7/18/97	3.0000	3.0000	2,130,950.5	6,045,066.6	LEAD _ICP	7.6000	1.0000		MG/KG
CS-E9+85	7/21/97	3.5000	3.5000	2,130,971.0	6,045,059.7	LEAD _ICP	28.0000	1.0000		MG/KG
CS-W3+95	7/7/97	2.5000	2.5000	2,130,422.5	6,045,171.2	LEAD _AA	18.0000	3.0000		MG/KG
CS-W4+70	7/7/97	2.5000	2.5000	2,130,462.7	6,045,158.6	LEAD _AA	110.0000	3.0000		MG/KG
CS-W6+45	7/10/97	4.0000	4.0000	2,130,670.8	6,045,099.3	LEAD _ICP	120.0000	1.0000		MG/KG
CS-W7+03	7/14/97	2.5000	2.5000	2,130,709.7	6,045,089.3	LEAD _ICP	33.0000	1.0000		MG/KG
CS-W7+25	6/18/97	4.0000	4.0000	2,130,730.2	6,045,082.9	LEAD _ICP	21.0000	1.0000		MG/KG
CS-W7+39	6/20/97	4.0000	4.0000	2,130,754.0	6,045,077.1	LEAD _ICP	7.6000	1.0000		MG/KG
CS-W7+64	7/1/97	4.0000	4.0000	2,130,773.1	6,045,067.9	LEAD _ICP	17.0000	1.0000		MG/KG
CS-W7+89	7/1/97	4.0000	4.0000	2,130,786.6	6,045,067.3	LEAD _ICP	22.0000	1.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
CS-W8+20	7/8/97	4.0000	4.0000	2,130,811.0	6,045,062.8	LEAD _ICP	910.0000	10.0000		MG/KG
CS-W8+64	7/2/97	4.0000	4.0000	2,130,832.3	6,045,055.7	LEAD _ICP	100.0000	1.0000		MG/KG
CS-W8+87	6/18/97	5.0000	5.0000	2,130,845.8	6,045,052.9	LEAD _ICP	6.4000	1.0000		MG/KG
CS-W9+35	7/8/97	4.0000	4.0000	2,130,914.6	6,045,030.1	LEAD _ICP	7.9000	1.0000		MG/KG
EKI-4525-6	7/19/93	6.0000	9.5000	2,130,940.5	6,044,917.7	LEAD _HIST	12.0000	0.0000		MG/KG
EKI-4525-7	7/19/93	6.5000	13.0000	2,130,904.7	6,044,851.0	LEAD _HIST	28.0000	0.0000		MG/KG
EKI-4525-8	7/19/93	3.0000	10.5000	2,130,918.7	6,044,960.1	LEAD _HIST	6.2000	0.0000		MG/KG
EKI-4543-A	7/14/93	3.5000	10.0000	2,131,152.9	6,044,775.0	LEAD _HIST	9.4000	0.0000		MG/KG
EKI-4543-B	7/19/93	12.0000	12.0000	2,131,039.1	6,044,795.4	LEAD _HIST	0.0000	5.0000	ND	MG/KG
EKI-4543-C	7/14/93	3.0000	9.0000	2,130,989.0	6,044,946.1	LEAD _HIST	0.0000	5.0000	ND	MG/KG
EKI-4563-A	7/14/93	3.5000	12.0000	2,131,290.0	6,044,754.6	LEAD _HIST	0.0000	5.0000	ND	MG/KG
EKI-CH-10	11/12/96	6.0000	6.5000	2,130,866.9	6,044,824.4	LEAD _ICP	23.0000	0.0000		MG/KG
EKI-CH-2	11/12/96	5.5000	6.0000	2,130,889.1	6,045,010.3	LEAD _ICP	63.0000	0.0000		MG/KG
EKI-CH-3	11/12/96	4.0000	4.5000	2,130,907.0	6,044,973.4	LEAD _ICP	8900.0000	0.0000		MG/KG
EKI-CH-5	11/12/96	4.0000	4.5000	2,130,882.4	6,044,929.4	LEAD _ICP	72.0000	0.0000		MG/KG
EKI-CH-6	11/12/96	3.5000	4.0000	2,130,889.2	6,044,907.8	LEAD _ICP	120000.0000	0.0000		MG/KG
EKI-CH-7	11/12/96	4.0000	4.5000	2,130,855.6	6,044,917.5	LEAD _ICP	1400.0000	0.0000		MG/KG
EKI-CH-8	11/12/96	4.0000	4.5000	2,130,850.8	6,044,896.4	LEAD _ICP	40000.0000	0.0000		MG/KG
EKI-CH-9	11/12/96	3.0000	3.5000	2,130,855.3	6,044,853.1	LEAD _ICP	62000.0000	0.0000		MG/KG
GP-1	12/5/96	2.0000	2.5000	2,130,959.4	6,044,994.5	LEAD _AA	9.0000	3.0000		MG/KG
GP-10	12/5/96	2.0000	2.5000	2,130,903.5	6,044,868.9	LEAD _ICP	36.0000	1.0000		MG/KG
GP-11	12/5/96	7.0000	7.5000	2,130,924.1	6,045,001.4	LEAD _ICP	7.0000	1.0000		MG/KG
GP-12	12/5/96	2.0000	2.5000	2,130,917.0	6,044,970.7	LEAD _ICP	68.0000	1.0000		MG/KG
GP-13	12/5/96	2.0000	2.5000	2,130,908.3	6,044,930.0	LEAD _ICP	3100.0000	1.0000		MG/KG
GP-14B	12/5/96	3.0000	3.5000	2,130,897.8	6,044,884.6	LEAD _ICP	56.0000	1.0000		MG/KG
GP-15	12/5/96	3.0000	3.5000	2,130,888.1	6,044,853.2	LEAD _ICP	12.0000	1.0000		MG/KG
GP-1B	12/5/96	7.0000	7.5000	2,130,957.3	6,044,987.9	LEAD _AA	32.0000	3.0000		MG/KG
GP-2	12/5/96	4.5000	5.0000	2,130,949.7	6,044,962.4	LEAD _AA	260.0000	3.0000		MG/KG
GP-3	12/5/96	7.0000	7.5000	2,130,939.6	6,044,925.0	LEAD _AA	250.0000	3.0000		MG/KG
GP-4	12/5/96	2.0000	2.5000	2,130,929.5	6,044,887.5	LEAD _AA	20.0000	3.0000		MG/KG
GP-5	12/5/96	2.0000	2.5000	2,130,918.1	6,044,846.8	LEAD _AA	12.0000	3.0000		MG/KG
GP-6	12/5/96	3.0000	3.5000	2,130,942.1	6,045,016.5	LEAD _ICP	12.0000	1.0000		MG/KG
GP-6B	12/5/96	7.0000	7.5000	2,130,937.8	6,045,006.4	LEAD _ICP	8.0000	1.0000		MG/KG
GP-7	12/5/96	6.5000	7.0000	2,130,933.2	6,044,984.4	LEAD _ICP	19.0000	1.0000		MG/KG
GP-8	12/5/96	7.0000	7.5000	2,130,923.7	6,044,947.0	LEAD _ICP	190.0000	1.0000		MG/KG
GP-9	12/5/96	2.0000	2.5000	2,130,914.2	6,044,909.6	LEAD _ICP	100.0000	1.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-9B	12/5/96	4.5000	5.0000	2,130,913.1	6,044,901.6	LEAD _ICP	9.0000	1.0000		MG/KG
GS-1	9/3/97	4.0000	4.0000	2,130,809.0	6,045,117.4	LEAD _ICP	18.0000	1.0000		MG/KG
GS-3	9/5/97	4.0000	4.0000	2,130,795.4	6,045,123.3	LEAD _ICP	39.0000	1.0000		MG/KG
GS-SW-1	9/3/97	3.0000	3.0000	2,130,818.4	6,045,118.0	LEAD _ICP	8.9000	1.0000		MG/KG
HAR-HB-32	6/12/98	5.0000	5.5000	2,131,439.9	6,044,313.9	LEAD _ICP	6.4000	0.0000		MG/KG
HAR-HB-38	6/11/98	2.5000	3.0000	2,131,365.8	6,044,372.6	LEAD _ICP	96.0000	0.0000		MG/KG
HAR-HB-39	6/11/98	2.0000	2.5000	2,131,354.5	6,044,230.6	LEAD _ICP	11.0000	0.0000		MG/KG
HAR-HB-40	6/11/98	2.0000	2.5000	2,131,181.1	6,044,384.6	LEAD _ICP	78.0000	0.0000		MG/KG
HAR-HB-41	6/11/98	2.0000	2.5000	2,131,169.6	6,044,235.5	LEAD _ICP	44.0000	0.0000		MG/KG
HAR-HB-42	6/12/98	3.0000	3.5000	2,131,168.8	6,044,189.3	LEAD _ICP	21.0000	0.0000		MG/KG
HAR-HB-43	6/12/98	5.0000	5.5000	2,131,218.5	6,044,085.9	LEAD _ICP	130.0000	0.0000		MG/KG
HAR-HB-44	6/12/98	5.0000	5.5000	2,131,113.3	6,044,117.0	LEAD _ICP	98.0000	0.0000		MG/KG
HAR-HB-45	6/12/98	2.5000	3.0000	2,131,161.4	6,044,141.5	LEAD _ICP	120.0000	0.0000		MG/KG
HS-75	7/23/97	3.0000	3.0000	2,130,922.1	6,045,061.4	LEAD _ICP	5.8000	1.0000		MG/KG
HS-76	7/23/97	3.0000	3.0000	2,130,916.7	6,045,043.8	LEAD _ICP	6.2000	1.0000		MG/KG
HS-77	7/23/97	3.0000	3.0000	2,130,843.5	6,045,060.7	LEAD _ICP	6.8000	1.0000		MG/KG
HS-78	7/23/97	3.0000	3.0000	2,130,848.9	6,045,079.0	LEAD _ICP	5.8000	1.0000		MG/KG
HS-80	7/23/97	3.0000	3.0000	2,130,777.7	6,045,081.1	LEAD _ICP	6.2000	1.0000		MG/KG
HS-81	7/23/97	3.0000	3.0000	2,130,720.0	6,045,096.7	LEAD _ICP	6.3000	1.0000		MG/KG
HS-82	7/23/97	3.0000	3.0000	2,130,726.8	6,045,116.3	LEAD _ICP	6.6000	1.0000		MG/KG
HS-83	7/23/97	3.0000	3.0000	2,130,653.6	6,045,136.7	LEAD _ICP	6.6000	1.0000		MG/KG
LF-11	10/30/89	3.5000	4.0000	2,130,655.5	6,044,621.9	LEAD _UNK	0.0000	6.0000	ND	MG/KG
LF-12	11/2/89	3.5000	4.0000	2,130,813.8	6,045,074.4	LEAD _UNK	13.0000	0.0000		MG/KG
LF-13	10/31/89	2.5000	3.0000	2,130,531.7	6,045,245.9	LEAD _UNK	15.0000	0.0000		MG/KG
LF-5	5/16/89	2.0000	2.5000	2,131,072.6	6,044,701.4	LEAD _UNK	210.0000	0.0000		MG/KG
LF-6	5/16/89	3.5000	4.0000	2,131,006.1	6,044,715.6	LEAD _UNK	0.0000	6.0000	ND	MG/KG
LF-8	11/2/89	3.5000	4.0000	2,131,297.5	6,044,651.5	LEAD _UNK	0.0000	6.0000	ND	MG/KG
LF-B1	11/8/89	2.5000	3.0000	2,130,877.0	6,045,011.4	LEAD _UNK	50.0000	0.0000		MG/KG
LF-B6	2/2/96	26.5000	27.0000	2,131,009.9	6,044,719.9	LEAD _ICP	5.0000	1.0000		MG/KG
MW-4	12/8/94	10.0000	10.5000	2,130,914.8	6,044,948.4	LEAD _HIST	9.2000	0.3000		MG/KG
MW-5	12/8/94	10.0000	10.5000	2,130,907.2	6,044,876.4	LEAD _HIST	7.5000	0.3000		MG/KG
MYC-B-3	10/1/90	5.0000	5.0000	2,130,857.5	6,044,344.0	LEAD _HIST	11.0000	0.0000		MG/KG
MYC-B-4	10/1/90	5.0000	5.0000	2,130,689.3	6,044,268.6	LEAD _HIST	18.0000	0.0000		MG/KG
MYC-B-6	10/1/90	10.0000	10.0000	2,130,990.4	6,044,188.1	LEAD _HIST	6.4000	0.0000		MG/KG
MYC-B-7	10/1/90	7.0000	7.0000	2,130,972.0	6,044,112.1	LEAD _HIST	77.0000	0.0000		MG/KG
MYC-W-1	10/1/90	8.0000	8.0000	2,130,596.1	6,044,386.5	LEAD _HIST	4.0000	0.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-4C	10/1/90	6.0000	6.0000	2,130,642.0	6,044,022.7	LEAD _HIST	23000.0000	0.0000		MG/KG
MYC-W-5	10/1/90	5.0000	5.0000	2,130,903.3	6,044,028.7	LEAD _HIST	4.9000	0.0000		MG/KG
SB-11	5/16/89	3.5000	4.0000	2,131,044.9	6,044,692.0	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-13	5/17/89	3.5000	4.0000	2,131,146.3	6,044,691.4	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-14	5/17/89	3.5000	4.0000	2,131,107.1	6,044,701.2	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-15	5/17/89	3.5000	4.0000	2,131,107.0	6,044,663.4	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-16	10/26/89	3.5000	4.0000	2,130,945.6	6,044,772.0	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-17	10/26/89	3.5000	4.0000	2,131,038.3	6,044,748.3	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-18	10/26/89	3.5000	4.0000	2,131,120.6	6,044,738.1	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-21	10/26/89	3.5000	4.0000	2,131,070.5	6,044,676.5	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-25	10/31/89	3.5000	4.0000	2,131,095.4	6,044,590.4	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-26	11/2/89	3.5000	4.0000	2,131,185.5	6,044,655.2	LEAD _UNK	180.0000	0.0000		MG/KG
SB-27	6/28/90	5.0000	5.5000	2,130,893.6	6,044,993.4	LEAD _UNK	3000.0000	0.0000		MG/KG
SB-28	4/18/90	4.0000	4.0000	2,130,818.8	6,045,022.8	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-29	4/18/90	4.0000	4.0000	2,130,757.3	6,045,039.8	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-30	4/18/90	4.0000	4.0000	2,130,708.6	6,045,061.2	LEAD _UNK	48.0000	0.0000		MG/KG
SB-31	4/18/90	4.0000	4.0000	2,130,728.4	6,045,027.2	LEAD _UNK	24.0000	0.0000		MG/KG
SB-32	4/18/90	4.0000	4.0000	2,130,771.0	6,045,012.6	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-33	4/18/90	4.0000	4.0000	2,130,814.6	6,045,004.5	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-34	4/18/90	4.0000	4.0000	2,130,848.3	6,044,997.3	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-35	4/18/90	4.0000	4.0000	2,130,880.5	6,044,960.1	LEAD _UNK	410.0000	0.0000		MG/KG
SB-36	4/18/90	4.0000	4.0000	2,130,875.2	6,044,923.5	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-37	6/28/90	10.0000	10.5000	2,130,827.7	6,044,939.7	LEAD _UNK	8.0000	0.0000		MG/KG
SB-38	4/18/90	4.0000	4.0000	2,130,831.5	6,044,971.5	LEAD _UNK	500.0000	0.0000		MG/KG
SB-39	4/18/90	6.0000	6.0000	2,130,775.4	6,044,984.0	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SB-40	4/18/90	4.0000	4.0000	2,130,699.5	6,045,011.6	LEAD _UNK	24.0000	0.0000		MG/KG
SB-7AB	5/18/89	3.5000	4.0000	2,130,988.5	6,044,689.5	LEAD _UNK	210.0000	0.0000		MG/KG
SB-8AB	5/16/89	3.5000	4.0000	2,131,010.1	6,044,664.7	LEAD _UNK	71.0000	0.0000		MG/KG
SB-9	5/16/89	3.5000	4.0000	2,131,017.1	6,044,692.1	LEAD _UNK	0.0000	6.0000	ND	MG/KG
SBGR-006	7/18/89	1.5000	2.5000	2,131,135.5	6,045,336.9	LEAD _HIST	50.0000	0.0000		MG/KG
SBGR-008	7/18/89	1.5000	2.5000	2,131,353.2	6,045,261.1	LEAD _HIST	70.0000	0.0000		MG/KG
SBGR-030	7/18/89	1.5000	2.5000	2,131,270.4	6,045,287.1	LEAD _HIST	70.0000	0.0000		MG/KG
SBGR-031	7/18/89	1.5000	2.5000	2,131,270.4	6,045,287.1	LEAD _HIST	60.0000	0.0000		MG/KG
SBGR-1	11/7/93	1.0000	2.5000	2,131,423.4	6,045,171.9	LEAD _HIST	19.0000	0.0000		MG/KG
SBGR-10	11/9/93	1.0000	2.5000	2,131,063.9	6,045,122.4	LEAD _HIST	93.0000	0.0000		MG/KG
SBGR-12	11/9/93	1.0000	2.5000	2,130,976.5	6,045,163.1	LEAD _HIST	16.0000	0.0000		MG/KG

TABLE E-8: SUMMARY OF DEEP SOIL TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SBGR-13	11/9/93	6.0000	7.5000	2,130,983.4	6,045,191.2	LEAD _HIST	11.0000	0.0000		MG/KG
SBGR-14	11/9/93	1.0000	2.5000	2,131,022.8	6,045,270.1	LEAD _HIST	16.0000	0.0000		MG/KG
SBGR-15	11/9/93	7.0000	7.5000	2,131,543.0	6,045,060.8	LEAD _HIST	21.0000	0.0000		MG/KG
SBGR-2	11/7/93	1.0000	2.5000	2,131,389.9	6,045,074.6	LEAD _HIST	19.0000	0.0000		MG/KG
SBGR-3	11/7/93	1.0000	2.5000	2,131,372.2	6,044,958.3	LEAD _HIST	19.0000	0.0000		MG/KG
SBGR-4	11/8/93	1.0000	2.5000	2,131,356.1	6,045,201.3	LEAD _HIST	21.0000	0.0000		MG/KG
SBGR-5	11/8/93	1.0000	2.5000	2,131,221.1	6,045,243.3	LEAD _HIST	21.0000	0.0000		MG/KG
SBGR-6	11/9/93	6.0000	7.5000	2,131,137.6	6,045,301.8	LEAD _HIST	18.0000	0.0000		MG/KG
SBGR-7	11/9/93	1.0000	2.5000	2,131,158.0	6,045,197.9	LEAD _HIST	25.0000	0.0000		MG/KG
SBGR-8	11/9/93	1.0000	2.5000	2,131,194.9	6,045,093.8	LEAD _HIST	25.0000	0.0000		MG/KG
SBGR-9	11/9/93	1.0000	2.5000	2,131,036.5	6,045,081.3	LEAD _HIST	93.0000	0.0000		MG/KG
SW-1AC	7/14/88	2.0000	2.5000	2,130,658.3	6,044,880.3	LEAD _UNK	240.0000	0.0000		MG/KG
SW-2BD	7/14/88	3.5000	4.0000	2,130,644.4	6,044,903.0	LEAD _UNK	10.0000	0.0000		MG/KG
SW-4AB	7/14/88	3.5000	4.0000	2,131,135.3	6,044,667.1	LEAD _UNK	25.0000	0.0000		MG/KG
SW-5	7/14/88	2.0000	2.5000	2,131,003.6	6,044,699.3	LEAD _UNK	2100.0000	0.0000		MG/KG
SW-6	7/14/88	2.0000	2.5000	2,130,965.0	6,044,712.3	LEAD _UNK	540.0000	0.0000		MG/KG
TMC-GT3-06	1/26/94	5.0000	5.0000	2,131,280.0	6,044,929.0	LEAD _HIST	50.0000	1.0000		MG/KG
TMC-HAEW4	1/13/94	4.0000	4.0000	2,131,311.0	6,044,912.0	LEAD _HIST	20.0000	1.0000		MG/KG
TMC-HASW4	1/13/94	4.0000	4.0000	2,131,305.0	6,044,912.0	LEAD _HIST	159.0000	1.0000		MG/KG
TMC-HOEW2	1/10/94	8.0000	8.0000	2,131,311.0	6,044,909.0	LEAD _HIST	0.0000	1.0000	ND	MG/KG
TMC-PTEW2	1/6/94	8.5000	8.5000	2,131,029.0	6,044,992.0	LEAD _HIST	4.0000	1.0000		MG/KG
TMC-PTNW2	1/6/94	11.5000	11.5000	2,131,025.0	6,044,992.0	LEAD _HIST	8.0000	1.0000		MG/KG
TMC-PTWW3	1/6/94	9.0000	9.0000	2,131,019.0	6,044,993.0	LEAD _HIST	0.0000	1.0000	ND	MG/KG
V1-W7+89	7/2/97	3.5000	3.5000	2,130,799.8	6,045,063.0	LEAD _ICP	6.0000	1.0000		MG/KG

TABLE E-9: SUMMARY OF DEEP SOIL TEST RESULTS FOR TOTAL VOC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-B-9	4/1/93	6.0000	6.0000	2,130,030.7	6,043,842.2	OTAL VOLATILE ORGANICS _HIS	3.0000	0.0000		MG/KG
AGI-SB-06	7/21/93	4.5000	4.5000	2,130,540.2	6,044,359.5	OTAL VOLATILE ORGANICS _HIS	0.1080	0.0000		MG/KG
EKI-4525-6	7/19/93	6.0000	9.5000	2,130,940.5	6,044,917.7	OTAL VOLATILE ORGANICS _HIS	110.0000	0.0000		MG/KG
EKI-4525-7	7/19/93	6.5000	13.0000	2,130,904.7	6,044,851.0	OTAL VOLATILE ORGANICS _HIS	13.1100	0.0000		MG/KG
EKI-4525-8	7/19/93	14.5000	14.5000	2,130,918.7	6,044,960.1	OTAL VOLATILE ORGANICS _HIS	0.0000	0.5000	ND	MG/KG
EKI-4543-A	7/14/93	3.5000	10.0000	2,131,152.9	6,044,775.0	OTAL VOLATILE ORGANICS _HIS	0.0000	0.5000	ND	MG/KG
EKI-4543-B	7/19/93	12.0000	12.0000	2,131,039.1	6,044,795.4	OTAL VOLATILE ORGANICS _HIS	0.0000	0.5000	ND	MG/KG
EKI-4543-C	7/14/93	3.0000	9.0000	2,130,989.0	6,044,946.1	OTAL VOLATILE ORGANICS _HIS	0.0000	0.0005	ND	MG/KG
EKI-4563-A	7/14/93	3.5000	12.0000	2,131,290.0	6,044,754.6	OTAL VOLATILE ORGANICS _HIS	0.0000	0.5000	ND	MG/KG
ENG-MW-2	12/7/87	12.5000	12.5000	2,130,973.0	6,045,265.7	OTAL VOLATILE ORGANICS _HIS	0.0160	0.0000		MG/KG
GP-10	12/5/96	5.0000	5.5000	2,130,903.5	6,044,868.9	TOTAL VOLATILE ORGANICS _VOL	49.1000	0.0000		MG/KG
GP-11	12/5/96	7.0000	7.5000	2,130,924.1	6,045,001.4	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
GP-12	12/5/96	7.0000	7.5000	2,130,917.0	6,044,970.7	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
GP-13	12/5/96	7.0000	7.5000	2,130,908.3	6,044,930.0	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
GP-14B	12/5/96	7.0000	7.5000	2,130,897.8	6,044,884.6	TOTAL VOLATILE ORGANICS _VOL	140.0000	30.0000		MG/KG
GP-15	12/5/96	3.0000	3.5000	2,130,888.1	6,044,853.2	TOTAL VOLATILE ORGANICS _VOL	5.2000	1.0000		MG/KG
GP-6	12/5/96	3.0000	3.5000	2,130,942.1	6,045,016.5	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
GP-6B	12/5/96	7.0000	7.5000	2,130,937.8	6,045,006.4	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
GP-7	12/5/96	6.5000	7.0000	2,130,933.2	6,044,984.4	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
GP-8	12/5/96	7.0000	7.5000	2,130,923.7	6,044,947.0	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.5000	ND	MG/KG
GP-9B	12/5/96	4.5000	5.0000	2,130,913.1	6,044,901.6	TOTAL VOLATILE ORGANICS _VOL	67.3000	50.0000		MG/KG
HLA-EB-2	7/11/92	3.5000	3.5000	2,131,163.3	6,044,839.2	OTAL VOLATILE ORGANICS _HIS	0.5362	0.0000		MG/KG
HLA-EB-3	7/11/92	6.0000	6.0000	2,131,212.4	6,044,703.1	OTAL VOLATILE ORGANICS _HIS	0.0370	0.0050		MG/KG
LF-10	10/27/89	8.5000	9.0000	2,130,905.8	6,044,609.2	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
LF-11	10/30/89	3.5000	4.0000	2,130,655.5	6,044,621.9	TOTAL VOLATILE ORGANICS _VOL	0.2000	0.0000		MG/KG
LF-12	11/2/89	3.5000	4.0000	2,130,813.8	6,045,074.4	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
LF-13	10/31/89	2.5000	3.0000	2,130,531.7	6,045,245.9	TOTAL VOLATILE ORGANICS _VOL	0.2000	0.0000		MG/KG
LF-2	7/14/88	4.0000	4.5000	2,130,669.0	6,044,897.8	TOTAL VOLATILE ORGANICS _VOL	18.9000	0.0000		MG/KG
LF-4	5/17/89	5.5000	5.5000	2,131,028.5	6,044,641.1	TOTAL VOLATILE ORGANICS _VOL	0.6000	0.0000		MG/KG
LF-5	5/16/89	5.5000	6.0000	2,131,072.6	6,044,701.4	TOTAL VOLATILE ORGANICS _VOL	602.0000	0.0000		MG/KG
LF-6	5/17/89	5.5000	6.0000	2,131,006.1	6,044,715.6	TOTAL VOLATILE ORGANICS _VOL	1520.0000	0.0000		MG/KG
LF-8	11/2/89	3.5000	4.0000	2,131,297.5	6,044,651.5	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
LF-9	10/27/89	3.5000	4.0000	2,131,184.5	6,044,577.4	TOTAL VOLATILE ORGANICS _VOL	0.3000	0.0000		MG/KG
LF-B1	11/8/89	6.0000	6.5000	2,130,877.0	6,045,011.4	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
LF-B6	2/2/96	26.5000	27.0000	2,131,009.9	6,044,719.9	TOTAL VOLATILE ORGANICS _VOL	29.9000	5.0000		MG/KG
MW-1	12/8/94	10.0000	10.5000	2,131,286.5	6,044,923.0	OTAL VOLATILE ORGANICS _HIS	0.4710	0.0050		MG/KG
MW-2	12/8/94	10.0000	10.5000	2,131,331.7	6,044,910.6	OTAL VOLATILE ORGANICS _HIS	0.0595	0.0050		MG/KG
MW-3	12/8/94	10.0000	10.5000	2,131,039.6	6,044,993.0	OTAL VOLATILE ORGANICS _HIS	0.0000	0.0050	ND	MG/KG
MW-4	12/8/94	10.0000	10.5000	2,130,914.8	6,044,948.4	OTAL VOLATILE ORGANICS _HIS	0.5830	0.0280		MG/KG
MW-5	12/8/94	5.0000	5.5000	2,130,907.2	6,044,876.4	OTAL VOLATILE ORGANICS _HIS	52.6065	0.0280		MG/KG
MYC-B-11	10/1/91	5.0000	5.0000	2,130,608.8	6,044,088.4	OTAL VOLATILE ORGANICS _HIS	0.0230	0.0000		MG/KG
MYC-B-12	10/1/91	5.0000	5.0000	2,130,626.4	6,044,015.1	OTAL VOLATILE ORGANICS _HIS	0.0460	0.0000		MG/KG
MYC-B-13	10/1/91	5.0000	5.0000	2,130,782.3	6,044,117.2	OTAL VOLATILE ORGANICS _HIS	0.0170	0.0000		MG/KG

TABLE E-9: SUMMARY OF DEEP SOIL TEST RESULTS FOR TOTAL VOC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-B-14	10/1/91	5.0000	5.0000	2,130,822.9	6,044,190.3	OTAL VOLATILE ORGANICS _HIS	0.1620	0.0000		MG/KG
MYC-B-15	10/1/91	5.0000	5.0000	2,130,903.3	6,044,112.1	OTAL VOLATILE ORGANICS _HIS	0.0865	0.0000		MG/KG
MYC-B-16	10/1/91	5.0000	5.0000	2,130,900.4	6,044,188.1	OTAL VOLATILE ORGANICS _HIS	0.0126	0.0000		MG/KG
MYC-B-17	10/1/91	5.0000	5.0000	2,131,023.7	6,043,982.9	OTAL VOLATILE ORGANICS _HIS	0.0350	0.0000		MG/KG
MYC-B-18	10/1/91	5.0000	5.0000	2,131,046.5	6,044,078.8	OTAL VOLATILE ORGANICS _HIS	0.0777	0.0000		MG/KG
MYC-B-19	10/1/91	10.0000	10.0000	2,130,589.6	6,044,308.4	OTAL VOLATILE ORGANICS _HIS	0.0666	0.0000		MG/KG
MYC-B-20	10/1/91	5.0000	5.0000	2,130,714.4	6,044,215.4	OTAL VOLATILE ORGANICS _HIS	0.5100	0.0000		MG/KG
MYC-B-3	10/1/90	7.0000	7.0000	2,130,857.5	6,044,344.0	OTAL VOLATILE ORGANICS _HIS	0.0999	0.0000		MG/KG
MYC-B-4	10/1/90	5.0000	5.0000	2,130,689.3	6,044,268.6	OTAL VOLATILE ORGANICS _HIS	31.3200	0.0000		MG/KG
MYC-B-5	10/1/90	11.0000	11.0000	2,130,970.3	6,044,336.3	OTAL VOLATILE ORGANICS _HIS	0.3520	0.0000		MG/KG
MYC-B-6	10/1/90	5.0000	5.0000	2,130,990.4	6,044,188.1	OTAL VOLATILE ORGANICS _HIS	0.0930	0.0000		MG/KG
MYC-B-7	10/1/90	5.0000	5.0000	2,130,972.0	6,044,112.1	OTAL VOLATILE ORGANICS _HIS	13.3500	0.0000		MG/KG
MYC-B-9	10/1/91	5.0000	5.0000	2,131,049.4	6,044,384.5	OTAL VOLATILE ORGANICS _HIS	0.0177	0.0000		MG/KG
MYC-W-1	10/1/90	8.0000	8.0000	2,130,596.1	6,044,386.5	OTAL VOLATILE ORGANICS _HIS	0.7710	0.0000		MG/KG
MYC-W-10	10/1/91	10.0000	10.0000	2,130,974.9	6,044,025.7	OTAL VOLATILE ORGANICS _HIS	0.1270	0.0000		MG/KG
MYC-W-11	10/1/91	5.0000	5.0000	2,131,100.5	6,044,330.5	OTAL VOLATILE ORGANICS _HIS	0.0067	0.0000		MG/KG
MYC-W-12	10/1/91	3.0000	3.0000	2,130,801.5	6,044,375.9	OTAL VOLATILE ORGANICS _HIS	4.9540	0.0000		MG/KG
MYC-W-13	10/1/91	5.0000	5.0000	2,130,605.8	6,044,157.8	OTAL VOLATILE ORGANICS _HIS	49.5000	0.0000		MG/KG
MYC-W-14	10/1/91	5.0000	5.0000	2,130,629.5	6,044,044.2	TOTAL VOLATILE ORGANICS ,HIS	0.6660			MG/KG
MYC-W-4C	10/1/90	6.0000	6.0000	2,130,642.0	6,044,022.7	OTAL VOLATILE ORGANICS _HIS	0.8307	0.0000		MG/KG
MYC-W-5	10/1/90	5.0000	5.0000	2,130,903.3	6,044,028.7	OTAL VOLATILE ORGANICS _HIS	8.2000	0.0000		MG/KG
MYC-W-7	10/1/91	5.0000	5.0000	2,130,899.9	6,044,319.9	OTAL VOLATILE ORGANICS _HIS	0.1071	0.0000		MG/KG
MYC-W-8	10/1/91	5.0000	5.0000	2,130,904.8	6,043,958.5	OTAL VOLATILE ORGANICS _HIS	0.0150	0.0000		MG/KG
MYC-W-9	10/1/91	5.0000	5.0000	2,131,097.5	6,044,191.0	OTAL VOLATILE ORGANICS _HIS	0.1100	0.0000		MG/KG
RP-1	7/26/94	11.0000	11.5000	2,131,007.1	6,044,966.6	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.0500	ND	MG/KG
RP-2	7/25/94	5.0000	5.5000	2,131,073.6	6,044,929.0	TOTAL VOLATILE ORGANICS _VOL	0.5770	0.5000		MG/KG
RP-3	7/25/94	6.0000	6.0000	2,131,009.4	6,044,887.4	OTAL VOLATILE ORGANICS _HIS	16.1530	0.0030		MG/KG
RP-4	7/25/94	10.5000	11.0000	2,131,111.7	6,044,857.0	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
RP-5	7/25/94	5.5000	6.0000	2,131,096.5	6,044,803.3	TOTAL VOLATILE ORGANICS _VOL	0.2200	0.1000		MG/KG
SB-1	4/5/94	3.5000	4.0000	2,131,023.2	6,044,897.6	TOTAL VOLATILE ORGANICS _VOL	0.2210	0.1000		MG/KG
SB-10	5/17/89	5.5000	6.0000	2,131,022.7	6,044,725.5	TOTAL VOLATILE ORGANICS _VOL	3520.0000	0.0000		MG/KG
SB-11	5/16/89	3.5000	4.0000	2,131,044.9	6,044,692.0	TOTAL VOLATILE ORGANICS _VOL	1886.2000	0.0000		MG/KG
SB-12	5/17/89	5.5000	6.0000	2,131,070.3	6,044,722.4	TOTAL VOLATILE ORGANICS _VOL	527.0000	0.0000		MG/KG
SB-13	5/17/89	3.5000	4.0000	2,131,146.3	6,044,691.4	TOTAL VOLATILE ORGANICS _VOL	503.0000	0.0000		MG/KG
SB-14	5/17/89	3.5000	4.0000	2,131,107.1	6,044,701.2	TOTAL VOLATILE ORGANICS _VOL	280.4000	0.0000		MG/KG
SB-15	5/17/89	5.5000	6.0000	2,131,107.0	6,044,663.4	TOTAL VOLATILE ORGANICS _VOL	1810.0000	0.0000		MG/KG
SB-16	10/26/89	3.5000	4.0000	2,130,945.6	6,044,772.0	TOTAL VOLATILE ORGANICS _VOL	7.9000	0.0000		MG/KG
SB-17	10/26/89	3.5000	4.0000	2,131,038.3	6,044,748.3	TOTAL VOLATILE ORGANICS _VOL	740.0000	0.0000		MG/KG
SB-18	10/26/89	3.5000	4.0000	2,131,120.6	6,044,738.1	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
SB-2-RFP	4/5/94	3.5000	4.0000	2,131,041.9	6,044,848.5	TOTAL VOLATILE ORGANICS _VOL	0.0200	0.0100		MG/KG
SB-21	10/26/89	3.5000	4.0000	2,131,070.5	6,044,676.5	TOTAL VOLATILE ORGANICS _VOL	337.0000	0.0000		MG/KG
SB-22	10/26/89	3.5000	4.0000	2,130,705.4	6,044,880.6	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.1000	ND	MG/KG
SB-23	10/26/89	3.5000	4.0000	2,130,637.2	6,044,909.0	TOTAL VOLATILE ORGANICS _VOL	0.0000	2.0000	ND	MG/KG

TABLE E-9: SUMMARY OF DEEP SOIL TEST RESULTS FOR TOTAL VOC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-25	10/31/89	3.5000	4.0000	2,131,095.4	6,044,590.4	TOTAL VOLATILE ORGANICS _VOL	0.7000	0.0000		MG/KG
SB-26	11/2/89	5.5000	6.0000	2,131,185.5	6,044,655.2	TOTAL VOLATILE ORGANICS _VOL	3.5000	0.0000		MG/KG
SB-3	4/4/94	3.5000	4.0000	2,131,085.3	6,044,790.8	TOTAL VOLATILE ORGANICS _VOL	0.0110	0.0000		MG/KG
SB-4	4/5/94	12.0000	12.5000	2,131,037.7	6,044,964.4	TOTAL VOLATILE ORGANICS _VOL	0.0100	0.0000		MG/KG
SB-41	6/28/90	6.0000	6.5000	2,130,621.4	6,044,948.9	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.8000	ND	MG/KG
SB-42	6/28/90	6.0000	6.5000	2,130,590.0	6,044,957.1	TOTAL VOLATILE ORGANICS _VOL	0.2000	0.0000		MG/KG
SB-45	6/28/90	6.0000	6.5000	2,130,642.8	6,044,945.1	TOTAL VOLATILE ORGANICS _VOL	41.0000	0.0000		MG/KG
SB-5	4/5/94	6.0000	6.5000	2,130,988.9	6,044,958.2	TOTAL VOLATILE ORGANICS _VOL	0.0070	0.0000		MG/KG
SB-6	4/4/94	6.5000	7.0000	2,130,917.9	6,044,874.6	TOTAL VOLATILE ORGANICS _VOL	13.9200	0.5000		MG/KG
SB-7	4/4/94	2.5000	3.0000	2,130,939.7	6,044,831.5	TOTAL VOLATILE ORGANICS _VOL	134.5000	1.0000		MG/KG
SB-7AB	5/18/89	3.5000	4.0000	2,130,988.5	6,044,689.5	TOTAL VOLATILE ORGANICS _VOL	830.0000	0.0000		MG/KG
SB-8	4/5/94	6.5000	7.0000	2,130,878.0	6,044,874.7	TOTAL VOLATILE ORGANICS _VOL	2402.0000	100.0000		MG/KG
SB-8AB	5/16/89	3.5000	4.0000	2,131,010.1	6,044,664.7	TOTAL VOLATILE ORGANICS _VOL	1.2000	0.0000		MG/KG
SB-9	5/17/89	5.5000	6.0000	2,131,017.1	6,044,692.1	TOTAL VOLATILE ORGANICS _VOL	470.0000	0.0000		MG/KG
SBGR-5	11/8/93	3.5000	5.0000	2,131,221.1	6,045,243.3	OTAL VOLATILE ORGANICS _HIS	0.0000	100.0000	ND	MG/KG
SBGR-7	11/9/93	3.5000	5.0000	2,131,158.0	6,045,197.9	OTAL VOLATILE ORGANICS _HIS	4100.0000	0.0000		MG/KG
SW-1	7/6/94	9.5000	10.0000	2,130,859.3	6,044,869.2	TOTAL VOLATILE ORGANICS _VOL	2320.0000	1000.0000		MG/KG
SW-1AC	7/14/88	3.5000	4.0000	2,130,658.3	6,044,880.3	TOTAL VOLATILE ORGANICS _VOL	0.0000	0.0050	ND	MG/KG
SW-2	7/6/94	6.5000	7.0000	2,130,867.2	6,044,907.5	TOTAL VOLATILE ORGANICS _VOL	3606.0000	100.0000		MG/KG
SW-2BD	7/14/88	3.5000	4.0000	2,130,644.4	6,044,903.0	TOTAL VOLATILE ORGANICS _VOL	1.9000	0.0000		MG/KG
SW-3	7/6/94	12.5000	13.0000	2,130,880.0	6,044,982.9	TOTAL VOLATILE ORGANICS _VOL	3.1800	0.5000		MG/KG
SW-4	7/6/94	6.5000	7.0000	2,130,872.5	6,044,945.7	TOTAL VOLATILE ORGANICS _VOL	0.1540	0.0000		MG/KG
SW-4AB	7/14/88	3.5000	4.0000	2,131,135.3	6,044,667.1	TOTAL VOLATILE ORGANICS _VOL	5200.0000	0.0000		MG/KG
SW-5	7/14/88	3.5000	4.0000	2,131,003.6	6,044,699.3	TOTAL VOLATILE ORGANICS _VOL	2550.0000	0.0000		MG/KG
SW-6	7/14/88	3.5000	4.0000	2,130,965.0	6,044,712.3	TOTAL VOLATILE ORGANICS _VOL	10.1000	0.0000		MG/KG
TMC-GT3-06	1/26/94	5.0000	5.0000	2,131,280.0	6,044,929.0	OTAL VOLATILE ORGANICS _HIS	32.0000	0.1000		MG/KG
TMC-HAEW4	1/13/94	4.0000	4.0000	2,131,311.0	6,044,912.0	OTAL VOLATILE ORGANICS _HIS	7.7000	0.1000		MG/KG
TMC-HOEW2	1/10/94	8.0000	8.0000	2,131,311.0	6,044,909.0	OTAL VOLATILE ORGANICS _HIS	4.3000	0.1000		MG/KG
TMC-PTEW2	1/6/94	8.5000	8.5000	2,131,029.0	6,044,992.0	OTAL VOLATILE ORGANICS _HIS	0.0000	0.1000	ND	MG/KG
TMC-PTNW2	1/6/94	11.5000	11.5000	2,131,025.0	6,044,992.0	OTAL VOLATILE ORGANICS _HIS	0.0000	0.1000	ND	MG/KG
TMC-PTWW3	1/6/94	9.0000	9.0000	2,131,019.0	6,044,993.0	OTAL VOLATILE ORGANICS _HIS	8.5000	0.1000		MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-B-9	04/01/93	6	6	TOTAL VOLATILE ORGANICS ,HIST	3			MG/KG
AGI-SB-06	07/21/93	4.5	4.5	BENZENE ,HIST	0		ND	MG/KG
AGI-SB-06	07/21/93	4.5	4.5	ETHYLBENZENE ,HIST	0		ND	MG/KG
AGI-SB-06	07/21/93	4.5	4.5	TOLUENE ,HIST	0		ND	MG/KG
AGI-SB-06	07/21/93	4.5	4.5	TOTAL VOLATILE ORGANICS ,HIST	0.108			MG/KG
AGI-SB-06	07/21/93	4.5	4.5	XYLENES (TOTAL) ,HIST	0		ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	1,1-DICHLOROETHANE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	1,1-DICHLOROETHENE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	1,2-DICHLOROETHANE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	1,2-DICHLOROPROPANE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	2-BUTANONE ,HIST	0	5.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	4-METHYL-2-PENTANONE ,HIST	12			MG/KG
EKI-4525-6	07/19/93	6	9.5	ACETONE ,HIST	13			MG/KG
EKI-4525-6	07/19/93	6	9.5	BENZENE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	CARBON DISULFIDE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	CARBON TETRACHLORIDE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	CHLOROBENZENE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	CHLOROFORM ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	ETHYLBENZENE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	METHYLENE CHLORIDE ,HIST	0	2.5000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	TOLUENE ,HIST	85			MG/KG
EKI-4525-6	07/19/93	6	9.5	TOTAL VOLATILE ORGANICS ,HIST	110.108	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	TRANS-1,2-DICHLOROETHENE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	TRICHLOROETHENE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	VINYL CHLORIDE ,HIST	0	1.0000	ND	MG/KG
EKI-4525-6	07/19/93	6	9.5	XYLENES (TOTAL) ,HIST	0	1.0000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	1,2-DICHLOROPROPANE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	2-BUTANONE ,HIST	4			MG/KG
EKI-4525-7	07/19/93	6.5	13	4-METHYL-2-PENTANONE ,HIST	1.1			MG/KG
EKI-4525-7	07/19/93	6.5	13	ACETONE ,HIST	7.4			MG/KG
EKI-4525-7	07/19/93	6.5	13	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	ETHYLBENZENE ,HIST	0.11			MG/KG
EKI-4525-7	07/19/93	6.5	13	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	TOLUENE ,HIST	0.21			MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
EKI-4525-7	07/19/93	6.5	13	TOTAL VOLATILE ORGANICS ,HIST	12.82	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-7	07/19/93	6.5	13	XYLENES (TOTAL) ,HIST	0.29			MG/KG
EKI-4525-8	07/19/93	14.5	14.5	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	1,2-DICHLOROPROPANE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	2-BUTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	2-HEXANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	4-METHYL-2-PENTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	ACETONE ,HIST	0	0.5000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	TOLUENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	TOTAL VOLATILE ORGANICS ,HIST	0.29	0.5000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4525-8	07/19/93	14.5	14.5	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	1,2-DICHLOROPROPANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	2-BUTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	4-METHYL-2-PENTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	ACETONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	TOLUENE ,HIST	0	0.1000	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
EKI-4543-A	07/14/93	3.5	10	TOTAL VOLATILE ORGANICS ,HIST	0	0.5000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-A	07/14/93	3.5	10	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	1,2-DICHLOROPROPANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	1,2-DICHLOROPROPANE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	2-BUTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	2-BUTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	2-HEXANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	4-METHYL-2-PENTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	4-METHYL-2-PENTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	ACETONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	ACETONE ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
EKI-4543-B	07/14/93	3	9	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
EKI-4543-B	07/19/93	12	12	TOLUENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	TOLUENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	TOTAL VOLATILE ORGANICS ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	TOTAL VOLATILE ORGANICS ,HIST	0	0.5000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
EKI-4543-B	07/14/93	3	9	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/19/93	12	12	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-B	07/14/93	3	9	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4543-C	07/14/93	3	9	1,1-DICHLOROETHANE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	1,1-DICHLOROETHENE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	1,2-DICHLOROETHANE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	1,2-DICHLOROPROPANE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	2-BUTANONE ,HIST	0	0.0005	ND	MG/KG
EKI-4543-C	07/14/93	3	9	4-METHYL-2-PENTANONE ,HIST	0	0.0005	ND	MG/KG
EKI-4543-C	07/14/93	3	9	ACETONE ,HIST	0	0.0005	ND	MG/KG
EKI-4543-C	07/14/93	3	9	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-C	07/14/93	3	9	CARBON DISULFIDE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	CARBON TETRACHLORIDE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	CHLOROBENZENE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	CHLOROFORM ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-C	07/14/93	3	9	METHYLENE CHLORIDE ,HIST	0	0.0003	ND	MG/KG
EKI-4543-C	07/14/93	3	9	TOLUENE ,HIST	0	0.1000	ND	MG/KG
EKI-4543-C	07/14/93	3	9	TOTAL VOLATILE ORGANICS ,HIST	0	0.0005	ND	MG/KG
EKI-4543-C	07/14/93	3	9	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	TRICHLOROETHENE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	VINYL CHLORIDE ,HIST	0	0.0001	ND	MG/KG
EKI-4543-C	07/14/93	3	9	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	1,2-DICHLOROETHENE (TOTAL) ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	1,2-DICHLOROPROPANE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	2-BUTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	4-METHYL-2-PENTANONE ,HIST	0	0.5000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	ACETONE ,HIST	0	0.5000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	BENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	TOLUENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	TOTAL VOLATILE ORGANICS ,HIST	0	0.5000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
EKI-4563-A	07/14/93	3.5	12	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
EKI-4563-A	07/14/93	3.5	12	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
ENG-MW-2	12/07/87	12.5	12.5	CHLOROFORM ,HIST	0.005			MG/KG
ENG-MW-2	12/07/87	12.5	12.5	ETHYLBENZENE ,HIST	0		ND	MG/KG
ENG-MW-2	12/07/87	12.5	12.5	TOTAL VOLATILE ORGANICS ,HIST	0.005			MG/KG
ENG-MW-2	12/07/87	12.5	12.5	TRANS-1,2-DICHLOROETHENE ,HIST	0.006			MG/KG
ENG-MW-2	12/07/87	12.5	12.5	XYLENES (TOTAL) ,HIST	0.005			MG/KG
GP-10	12/05/96	5	5.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	1,1-DICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	1,1-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	1,2-DICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	1,2-DICHLOROPROPANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	2-BUTANONE ,VOL	0	10.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	2-CHLOROETHYLVINYLETHER ,VOL	0	1.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	2-HEXANONE ,VOL	0	5.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	4-METHYL-2-PENTANONE ,VOL	0	5.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	ACETONE ,VOL	48	10.0000		MG/KG
GP-10	12/05/96	5	5.5	BENZENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	BROMODICHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	BROMOFORM ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	BROMOMETHANE ,VOL	0	1.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	CARBON DISULFIDE ,VOL	0	1.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	CARBON TETRACHLORIDE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	CHLOROBENZENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	CHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	CHLOROFORM ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	CHLOROMETHANE ,VOL	0	1.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	DIBROMOCHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	ETHYLBENZENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	METHYLENE CHLORIDE ,VOL	0	2.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	STYRENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	TETRACHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	TOLUENE ,VOL	1.1	0.5000		MG/KG
GP-10	12/05/96	5	5.5	TOTAL VOLATILE ORGANICS ,VOL	49.121	10.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.5000	ND	MG/KG
GP-10	12/05/96	5	5.5	TRICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-10	12/05/96	5	5.5	VINYL ACETATE ,VOL	0	5.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	VINYL CHLORIDE ,VOL	0	1.0000	ND	MG/KG
GP-10	12/05/96	5	5.5	XYLENES (TOTAL) ,VOL	0	1.0000	ND	MG/KG
GP-11	12/05/96	7	7.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
GP-11	12/05/96	7	7.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
GP-11	12/05/96	7	7.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
GP-11	12/05/96	7	7.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
GP-11	12/05/96	7	7.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
GP-11	12/05/96	7	7.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-11	12/05/96	7	7.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
GP-11	12/05/96	7	7.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
GP-11	12/05/96	7	7.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-11	12/05/96	7	7.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	METHYLENE CHLORIDE ,VOL	0	0.0200	ND	MG/KG
GP-11	12/05/96	7	7.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	TOLUENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
GP-11	12/05/96	7	7.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-11	12/05/96	7	7.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
GP-11	12/05/96	7	7.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
GP-11	12/05/96	7	7.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG

TABLE [redacted]. SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-12	12/05/96	7	7.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
GP-12	12/05/96	7	7.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
GP-12	12/05/96	7	7.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
GP-12	12/05/96	7	7.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
GP-12	12/05/96	7	7.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	METHYLENE CHLORIDE ,VOL	0	0.0200	ND	MG/KG
GP-12	12/05/96	7	7.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	TOLUENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
GP-12	12/05/96	7	7.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-12	12/05/96	7	7.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
GP-12	12/05/96	7	7.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
GP-12	12/05/96	7	7.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
GP-13	12/05/96	7	7.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
GP-13	12/05/96	7	7.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-13	12/05/96	7	7.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
GP-13	12/05/96	7	7.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
GP-13	12/05/96	7	7.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
GP-13	12/05/96	7	7.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-13	12/05/96	7	7.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
GP-13	12/05/96	7	7.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
GP-13	12/05/96	7	7.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-13	12/05/96	7	7.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	METHYLENE CHLORIDE ,VOL	0	0.0200	ND	MG/KG
GP-13	12/05/96	7	7.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	TOLUENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
GP-13	12/05/96	7	7.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-13	12/05/96	7	7.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
GP-13	12/05/96	7	7.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
GP-13	12/05/96	7	7.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,1,1-TRICHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,1,2-TRICHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,1-DICHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,1-DICHLOROETHENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,2-DICHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	1,2-DICHLOROPROPANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	2-BUTANONE ,VOL	0	30.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	2-CHLOROETHYLVINYLETHER ,VOL	0	3.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	2-HEXANONE ,VOL	0	10.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	4-METHYL-2-PENTANONE ,VOL	0	10.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	ACETONE ,VOL	32	30.0000		MG/KG
GP-14B	12/05/96	7	7.5	BENZENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	BROMODICHLOROMETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	BROMOFORM ,VOL	0	1.0000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-14B	12/05/96	7	7.5	BROMOMETHANE ,VOL	0	3.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CARBON DISULFIDE ,VOL	0	3.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CARBON TETRACHLORIDE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CHLOROBENZENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CHLOROETHANE ,VOL	0	3.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CHLOROFORM ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CHLOROMETHANE ,VOL	0	3.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CIS-1,2-DICHLOROETHENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	DIBROMOCHLOROMETHANE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	ETHYLBENZENE ,VOL	11	1.0000		MG/KG
GP-14B	12/05/96	7	7.5	METHYLENE CHLORIDE ,VOL	0	5.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	STYRENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	TETRACHLOROETHENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	TOLUENE ,VOL	38	1.0000		MG/KG
GP-14B	12/05/96	7	7.5	TOTAL VOLATILE ORGANICS ,VOL	81	30.0000		MG/KG
GP-14B	12/05/96	7	7.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	TRICHLOROETHENE ,VOL	0	1.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	VINYL ACETATE ,VOL	0	10.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	VINYL CHLORIDE ,VOL	0	3.0000	ND	MG/KG
GP-14B	12/05/96	7	7.5	XYLENES (TOTAL) ,VOL	59	3.0000		MG/KG
GP-15	12/05/96	3	3.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	1,1-DICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	1,1-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	1,2-DICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	1,2-DICHLOROPROPANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	2-BUTANONE ,VOL	0	10.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	2-CHLOROETHYLVINYLETHER ,VOL	0	1.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	2-HEXANONE ,VOL	0	5.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	4-METHYL-2-PENTANONE ,VOL	0	5.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	ACETONE ,VOL	0	10.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	BENZENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	BROMODICHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	BROMOFORM ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	BROMOMETHANE ,VOL	0	1.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	CARBON DISULFIDE ,VOL	0	1.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	CARBON TETRACHLORIDE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	CHLOROBENZENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	CHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	CHLOROFORM ,VOL	0	0.5000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-15	12/05/96	3	3.5	CHLOROMETHANE ,VOL	0	1.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	DIBROMOCHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	ETHYLBENZENE ,VOL	1.4	0.5000		MG/KG
GP-15	12/05/96	3	3.5	METHYLENE CHLORIDE ,VOL	0	2.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	STYRENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	TETRACHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	TOLUENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	TOTAL VOLATILE ORGANICS ,VOL	60.4	1.0000		MG/KG
GP-15	12/05/96	3	3.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	TRICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
GP-15	12/05/96	3	3.5	VINYL ACETATE ,VOL	0	5.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	VINYL CHLORIDE ,VOL	0	1.0000	ND	MG/KG
GP-15	12/05/96	3	3.5	XYLENES (TOTAL) ,VOL	3.8	1.0000		MG/KG
GP-6	12/05/96	3	3.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
GP-6	12/05/96	3	3.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
GP-6	12/05/96	3	3.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
GP-6	12/05/96	3	3.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
GP-6	12/05/96	3	3.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
GP-6	12/05/96	3	3.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-6	12/05/96	3	3.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
GP-6	12/05/96	3	3.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
GP-6	12/05/96	3	3.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-6	12/05/96	3	3.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	METHYLENE CHLORIDE ,VOL	0	0.0200	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-6	12/05/96	3	3.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	TOLUENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	TOTAL VOLATILE ORGANICS ,VOL	3.8	0.1000	ND	MG/KG
GP-6	12/05/96	3	3.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6	12/05/96	3	3.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
GP-6	12/05/96	3	3.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
GP-6	12/05/96	3	3.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
GP-6B	12/05/96	7	7.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
GP-6B	12/05/96	7	7.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
GP-6B	12/05/96	7	7.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
GP-6B	12/05/96	7	7.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	METHYLENE CHLORIDE ,VOL	0	0.0200	ND	MG/KG
GP-6B	12/05/96	7	7.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	TOLUENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
GP-6B	12/05/96	7	7.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-6B	12/05/96	7	7.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-6B	12/05/96	7	7.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
GP-6B	12/05/96	7	7.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
GP-6B	12/05/96	7	7.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
GP-7	12/05/96	6.5	7	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
GP-7	12/05/96	6.5	7	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
GP-7	12/05/96	6.5	7	ACETONE ,VOL	0	0.1000	ND	MG/KG
GP-7	12/05/96	6.5	7	BENZENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	METHYLENE CHLORIDE ,VOL	0	0.0200	ND	MG/KG
GP-7	12/05/96	6.5	7	STYRENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	TOLUENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
GP-7	12/05/96	6.5	7	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
GP-7	12/05/96	6.5	7	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
GP-7	12/05/96	6.5	7	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
GP-7	12/05/96	6.5	7	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
GP-8	12/05/96	7	7.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0300	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-8	12/05/96	7	7.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	1,1-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	1,1-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	1,2-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	1,2-DICHLOROPROPANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	2-BUTANONE ,VOL	0	0.5000	ND	MG/KG
GP-8	12/05/96	7	7.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0500	ND	MG/KG
GP-8	12/05/96	7	7.5	2-HEXANONE ,VOL	0	0.3000	ND	MG/KG
GP-8	12/05/96	7	7.5	4-METHYL-2-PENTANONE ,VOL	0	0.3000	ND	MG/KG
GP-8	12/05/96	7	7.5	ACETONE ,VOL	0	0.5000	ND	MG/KG
GP-8	12/05/96	7	7.5	BENZENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	BROMODICHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	BROMOFORM ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	BROMOMETHANE ,VOL	0	0.0500	ND	MG/KG
GP-8	12/05/96	7	7.5	CARBON DISULFIDE ,VOL	0	0.0500	ND	MG/KG
GP-8	12/05/96	7	7.5	CARBON TETRACHLORIDE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	CHLOROBENZENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	CHLOROETHANE ,VOL	0	0.0500	ND	MG/KG
GP-8	12/05/96	7	7.5	CHLOROFORM ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	CHLOROMETHANE ,VOL	0	0.0500	ND	MG/KG
GP-8	12/05/96	7	7.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	ETHYLBENZENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	METHYLENE CHLORIDE ,VOL	0	0.1000	ND	MG/KG
GP-8	12/05/96	7	7.5	STYRENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	TETRACHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	TOLUENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.5000	ND	MG/KG
GP-8	12/05/96	7	7.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	TRICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
GP-8	12/05/96	7	7.5	VINYL ACETATE ,VOL	0	0.3000	ND	MG/KG
GP-8	12/05/96	7	7.5	VINYL CHLORIDE ,VOL	0	0.0500	ND	MG/KG
GP-8	12/05/96	7	7.5	XYLENES (TOTAL) ,VOL	0	0.0500	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,1,1-TRICHLOROETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,1,2-TRICHLOROETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,1-DICHLOROETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,1-DICHLOROETHENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,2-DICHLOROETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	1,2-DICHLOROPROPANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	2-BUTANONE ,VOL	0	50.0000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-9B	12/05/96	4.5	5	2-CHLOROETHYLVINYLETHER ,VOL	0	5.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	2-HEXANONE ,VOL	0	30.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	4-METHYL-2-PENTANONE ,VOL	0	30.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	ACETONE ,VOL	0	50.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	BENZENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	BROMODICHLOROMETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	BROMOFORM ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	BROMOMETHANE ,VOL	0	5.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CARBON DISULFIDE ,VOL	0	5.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CARBON TETRACHLORIDE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CHLOROBENZENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CHLOROETHANE ,VOL	0	5.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CHLOROFORM ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CHLOROMETHANE ,VOL	0	5.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CIS-1,2-DICHLOROETHENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	CIS-1,3-DICHLOROPROPENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	DIBROMOCHLOROMETHANE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	ETHYLBENZENE ,VOL	9.3	3.0000		MG/KG
GP-9B	12/05/96	4.5	5	METHYLENE CHLORIDE ,VOL	0	10.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	STYRENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	TETRACHLOROETHENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	TOLUENE ,VOL	37	3.0000		MG/KG
GP-9B	12/05/96	4.5	5	TOTAL VOLATILE ORGANICS ,VOL	46.3	50.0000		MG/KG
GP-9B	12/05/96	4.5	5	TRANS-1,2-DICHLOROETHENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	TRICHLOROETHENE ,VOL	0	3.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	VINYL ACETATE ,VOL	0	30.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	VINYL CHLORIDE ,VOL	0	5.0000	ND	MG/KG
GP-9B	12/05/96	4.5	5	XYLENES (TOTAL) ,VOL	21	5.0000		MG/KG
HLA-EB-2	07/11/92	3.5	3.5	2-BUTANONE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-2	07/11/92	3.5	3.5	4-METHYL-2-PENTANONE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-2	07/11/92	3.5	3.5	ACETONE ,HIST	0.38			MG/KG
HLA-EB-2	07/11/92	3.5	3.5	BENZENE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-2	07/11/92	3.5	3.5	ETHYLBENZENE ,HIST	0.018			MG/KG
HLA-EB-2	07/11/92	3.5	3.5	TOLUENE ,HIST	0.0082			MG/KG
HLA-EB-2	07/11/92	3.5	3.5	TOTAL VOLATILE ORGANICS ,HIST	21.4062			MG/KG
HLA-EB-2	07/11/92	3.5	3.5	XYLENES (TOTAL) ,HIST	0.13			MG/KG
HLA-EB-3	07/11/92	6	6	2-BUTANONE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-3	07/11/92	6	6	4-METHYL-2-PENTANONE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-3	07/11/92	6	6	ACETONE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-3	07/11/92	6	6	BENZENE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-3	07/11/92	6	6	ETHYLBENZENE ,HIST	0	0.0050	ND	MG/KG
HLA-EB-3	07/11/92	6	6	TOLUENE ,HIST	0	0.0050	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
HLA-EB-3	07/11/92	6	6	TOTAL VOLATILE ORGANICS ,HIST	0.13	0.0050		MG/KG
HLA-EB-3	07/11/92	6	6	XYLENES (TOTAL) ,HIST	0.037			MG/KG
LF-10	10/27/89	8.5	9	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-10	10/27/89	8.5	9	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
LF-10	10/27/89	8.5	9	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-10	10/27/89	8.5	9	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-10	10/27/89	8.5	9	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
LF-10	10/27/89	8.5	9	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-10	10/27/89	8.5	9	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-11	10/30/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-11	10/30/89	3.5	4	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
LF-11	10/30/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-11	10/30/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-11	10/30/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0.2			MG/KG
LF-11	10/30/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-11	10/30/89	3.5	4	TRICHLOROTRIFLUOROETHANE ,VOL	0.2			MG/KG
LF-11	10/30/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-12	11/02/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-13	10/31/89	2.5	3	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-13	10/31/89	2.5	3	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
LF-13	10/31/89	2.5	3	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-13	10/31/89	2.5	3	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-13	10/31/89	2.5	3	TOTAL VOLATILE ORGANICS ,VOL	0.2			MG/KG
LF-13	10/31/89	2.5	3	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-13	10/31/89	2.5	3	TRICHLOROTRIFLUOROETHANE ,VOL	0.2			MG/KG
LF-13	10/31/89	2.5	3	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-2	07/14/88	4	4.5	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-2	07/14/88	4	4.5	ETHYLBENZENE ,VOL	1.9			MG/KG
LF-2	07/14/88	4	4.5	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-2	07/14/88	4	4.5	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-2	07/14/88	4	4.5	TOTAL VOLATILE ORGANICS ,VOL	18.9			MG/KG
LF-2	07/14/88	4	4.5	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-2	07/14/88	4	4.5	XYLENES (TOTAL) ,VOL	17			MG/KG
LF-4	05/17/89	5.5	5.5	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-4	05/17/89	5.5	5.5	ETHYLBENZENE ,VOL	0.2			MG/KG
LF-4	05/17/89	5.5	5.5	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-4	05/17/89	5.5	5.5	TOLUENE ,VOL	0	0.1000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
LF-4	05/17/89	5.5	5.5	TOTAL VOLATILE ORGANICS ,VOL	0.6			MG/KG
LF-4	05/17/89	5.5	5.5	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-4	05/17/89	5.5	5.5	XYLENES (TOTAL) ,VOL	0	0.4000	ND	MG/KG
LF-5	05/16/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-5	05/16/89	5.5	6	ETHYLBENZENE ,VOL	12			MG/KG
LF-5	05/16/89	5.5	6	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
LF-5	05/16/89	5.5	6	TOLUENE ,VOL	550			MG/KG
LF-5	05/16/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	602			MG/KG
LF-5	05/16/89	5.5	6	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
LF-5	05/16/89	5.5	6	XYLENES (TOTAL) ,VOL	40			MG/KG
LF-6	05/17/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-6	05/17/89	5.5	6	ETHYLBENZENE ,VOL	240			MG/KG
LF-6	05/17/89	5.5	6	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
LF-6	05/17/89	5.5	6	TOLUENE ,VOL	600			MG/KG
LF-6	05/17/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	1520			MG/KG
LF-6	05/17/89	5.5	6	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
LF-6	05/17/89	5.5	6	XYLENES (TOTAL) ,VOL	680			MG/KG
LF-8	11/02/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-8	11/02/89	3.5	4	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
LF-8	11/02/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-8	11/02/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-8	11/02/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
LF-8	11/02/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-8	11/02/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-9	10/27/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-9	10/27/89	3.5	4	ETHYLBENZENE ,VOL	0.3			MG/KG
LF-9	10/27/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-9	10/27/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-9	10/27/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0.3			MG/KG
LF-9	10/27/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-9	10/27/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	BENZENE ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	TOLUENE ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
LF-B1	11/08/89	6	6.5	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
LF-B6	02/02/96	26.5	27	1,1,1-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	1,1,2-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	1,1-DICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	1,1-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
LF-B6	02/02/96	26.5	27	1,2-DICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	1,2-DICHLOROPROPANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	2-BUTANONE ,VOL	0	5.0000	ND	MG/KG
LF-B6	02/02/96	26.5	27	2-CHLOROETHYLVINYLETHER ,VOL	0	0.5000	ND	MG/KG
LF-B6	02/02/96	26.5	27	2-HEXANONE ,VOL	0	3.0000	ND	MG/KG
LF-B6	02/02/96	26.5	27	4-METHYL-2-PENTANONE ,VOL	0	3.0000	ND	MG/KG
LF-B6	02/02/96	26.5	27	ACETONE ,VOL	0	5.0000	ND	MG/KG
LF-B6	02/02/96	26.5	27	BENZENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	BROMODICHLOROMETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	BROMOFORM ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	BROMOMETHANE ,VOL	0	0.5000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CARBON DISULFIDE ,VOL	0	0.5000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CARBON TETRACHLORIDE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CHLOROBENZENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CHLOROFORM ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CIS-1,2-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	DIBROMOCHLOROMETHANE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	ETHYLBENZENE ,VOL	5	0.3000		MG/KG
LF-B6	02/02/96	26.5	27	METHYLENE CHLORIDE ,VOL	0	1.0000	ND	MG/KG
LF-B6	02/02/96	26.5	27	STYRENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	TETRACHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	TOLUENE ,VOL	7.9	0.3000		MG/KG
LF-B6	02/02/96	26.5	27	TOTAL VOLATILE ORGANICS ,VOL	12.9	5.0000		MG/KG
LF-B6	02/02/96	26.5	27	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	TRICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
LF-B6	02/02/96	26.5	27	VINYL ACETATE ,VOL	0	3.0000	ND	MG/KG
LF-B6	02/02/96	26.5	27	VINYL CHLORIDE ,VOL	0	0.5000	ND	MG/KG
LF-B6	02/02/96	26.5	27	XYLENES (TOTAL) ,VOL	17	0.5000		MG/KG
MW-1	12/08/94	10	10.5	BENZENE ,HIST	0.061	0.0050		MG/KG
MW-1	12/08/94	10	10.5	ETHYLBENZENE ,HIST	0.11	0.0050		MG/KG
MW-1	12/08/94	10	10.5	TOLUENE ,HIST	0.18	0.0050		MG/KG
MW-1	12/08/94	10	10.5	TOTAL VOLATILE ORGANICS ,HIST	17.351	0.0050		MG/KG
MW-1	12/08/94	10	10.5	XYLENES (TOTAL) ,HIST	0.12	0.0050		MG/KG
MW-2	12/08/94	10	10.5	BENZENE ,HIST	0.015	0.0050		MG/KG
MW-2	12/08/94	10	10.5	ETHYLBENZENE ,HIST	0.026	0.0050		MG/KG
MW-2	12/08/94	10	10.5	TOLUENE ,HIST	0.0075	0.0050		MG/KG
MW-2	12/08/94	10	10.5	TOTAL VOLATILE ORGANICS ,HIST	0.1685	0.0050		MG/KG
MW-2	12/08/94	10	10.5	XYLENES (TOTAL) ,HIST	0.011	0.0050		MG/KG
MW-3	12/08/94	10	10.5	BENZENE ,HIST	0	0.0050	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MW-3	12/08/94	10	10.5	ETHYLBENZENE ,HIST	0	0.0050	ND	MG/KG
MW-3	12/08/94	10	10.5	TOLUENE ,HIST	0	0.0050	ND	MG/KG
MW-3	12/08/94	10	10.5	TOTAL VOLATILE ORGANICS ,HIST	0	0.0050	ND	MG/KG
MW-3	12/08/94	10	10.5	XYLENES (TOTAL) ,HIST	0	0.0050	ND	MG/KG
MW-4	12/08/94	10	10.5	4-METHYL-2-PENTANONE ,HIST	0	0.0090	ND	MG/KG
MW-4	12/08/94	10	10.5	ACETONE ,HIST	0	0.0280	ND	MG/KG
MW-4	12/08/94	10	10.5	BENZENE ,HIST	0.065	0.0050		MG/KG
MW-4	12/08/94	10	10.5	ETHYLBENZENE ,HIST	0.08	0.0050		MG/KG
MW-4	12/08/94	10	10.5	TOLUENE ,HIST	0.097	0.0050		MG/KG
MW-4	12/08/94	10	10.5	TOTAL VOLATILE ORGANICS ,HIST	0.242	0.0280		MG/KG
MW-4	12/08/94	10	10.5	XYLENES (TOTAL) ,HIST	0.341	0.0050		MG/KG
MW-5	12/08/94	5	5.5	4-METHYL-2-PENTANONE ,HIST	3.1	0.0090		MG/KG
MW-5	12/08/94	5	5.5	ACETONE ,HIST	48	0.0280		MG/KG
MW-5	12/08/94	5	5.5	BENZENE ,HIST	0.0075	0.0050		MG/KG
MW-5	12/08/94	5	5.5	ETHYLBENZENE ,HIST	0.018	0.0050		MG/KG
MW-5	12/08/94	5	5.5	TOLUENE ,HIST	1.3	0.0030		MG/KG
MW-5	12/08/94	5	5.5	TOTAL VOLATILE ORGANICS ,HIST	52.7665	0.0280		MG/KG
MW-5	12/08/94	5	5.5	XYLENES (TOTAL) ,HIST	0.181	0.0030		MG/KG
MYC-B-11	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.023			MG/KG
MYC-B-11	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.023			MG/KG
MYC-B-12	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.046			MG/KG
MYC-B-12	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.046			MG/KG
MYC-B-13	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.017			MG/KG
MYC-B-13	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.017			MG/KG
MYC-B-14	10/01/91	5	5	4-METHYL-2-PENTANONE ,HIST	0.023			MG/KG
MYC-B-14	10/01/91	5	5	ACETONE ,HIST	0.11			MG/KG
MYC-B-14	10/01/91	5	5	BENZENE ,HIST	0.013			MG/KG
MYC-B-14	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.016			MG/KG
MYC-B-14	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.162			MG/KG
MYC-B-15	10/01/91	5	5	4-METHYL-2-PENTANONE ,HIST	0.008			MG/KG
MYC-B-15	10/01/91	5	5	ACETONE ,HIST	0.046			MG/KG
MYC-B-15	10/01/91	5	5	BENZENE ,HIST	0.0041			MG/KG
MYC-B-15	10/01/91	5	5	CHLOROBENZENE ,HIST	0.003			MG/KG
MYC-B-15	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.015			MG/KG
MYC-B-15	10/01/91	5	5	TOLUENE ,HIST	0.0034			MG/KG
MYC-B-15	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.2415			MG/KG
MYC-B-15	10/01/91	5	5	XYLENES (TOTAL) ,HIST	0.007			MG/KG
MYC-B-16	10/01/91	5	5	ACETONE ,HIST	0.0027			MG/KG
MYC-B-16	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.0099			MG/KG
MYC-B-16	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.0126			MG/KG
MYC-B-17	10/01/91	5	5	ACETONE ,HIST	0.017			MG/KG
MYC-B-17	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.018			MG/KG
MYC-B-17	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.035			MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-B-18	10/01/91	5	5	ACETONE ,HIST	0.072			MG/KG
MYC-B-18	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.0057			MG/KG
MYC-B-18	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.0777			MG/KG
MYC-B-19	10/01/91	10	10	2-BUTANONE ,HIST	0.014			MG/KG
MYC-B-19	10/01/91	10	10	ACETONE ,HIST	0.039			MG/KG
MYC-B-19	10/01/91	10	10	METHYLENE CHLORIDE ,HIST	0.011			MG/KG
MYC-B-19	10/01/91	10	10	TOTAL VOLATILE ORGANICS ,HIST	0.1417			MG/KG
MYC-B-19	10/01/91	10	10	XYLENES (TOTAL) ,HIST	0.0026			MG/KG
MYC-B-20	10/01/91	5	5	ACETONE ,HIST	0.45			MG/KG
MYC-B-20	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.06			MG/KG
MYC-B-20	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.51			MG/KG
MYC-B-3	10/01/90	7	7	2-BUTANONE ,HIST	0.064			MG/KG
MYC-B-3	10/01/90	7	7	BENZENE ,HIST	0.0071			MG/KG
MYC-B-3	10/01/90	7	7	ETHYLBENZENE ,HIST	0.0028			MG/KG
MYC-B-3	10/01/90	7	7	TOLUENE ,HIST	0.01			MG/KG
MYC-B-3	10/01/90	7	7	TOTAL VOLATILE ORGANICS ,HIST	0.5939			MG/KG
MYC-B-3	10/01/90	7	7	XYLENES (TOTAL) ,HIST	0.016			MG/KG
MYC-B-4	10/01/90	5	5	BENZENE ,HIST	0		ND	MG/KG
MYC-B-4	10/01/90	5	5	ETHYLBENZENE ,HIST	4.8			MG/KG
MYC-B-4	10/01/90	5	5	STYRENE ,HIST	3			MG/KG
MYC-B-4	10/01/90	5	5	TETRACHLOROETHENE ,HIST	0.42			MG/KG
MYC-B-4	10/01/90	5	5	TOLUENE ,HIST	6.1			MG/KG
MYC-B-4	10/01/90	5	5	TOTAL VOLATILE ORGANICS ,HIST	14.336			MG/KG
MYC-B-4	10/01/90	5	5	XYLENES (TOTAL) ,HIST	17			MG/KG
MYC-B-5	10/01/90	11	11	4-METHYL-2-PENTANONE ,HIST	0.34			MG/KG
MYC-B-5	10/01/90	11	11	TOLUENE ,HIST	0.012			MG/KG
MYC-B-5	10/01/90	11	11	TOTAL VOLATILE ORGANICS ,HIST	0.352			MG/KG
MYC-B-6	10/01/90	5	5	4-METHYL-2-PENTANONE ,HIST	0.034			MG/KG
MYC-B-6	10/01/90	5	5	BENZENE ,HIST	0		ND	MG/KG
MYC-B-6	10/01/90	5	5	TOLUENE ,HIST	0.059			MG/KG
MYC-B-6	10/01/90	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.093			MG/KG
MYC-B-7	10/01/90	5	5	BENZENE ,HIST	1.1			MG/KG
MYC-B-7	10/01/90	5	5	ETHYLBENZENE ,HIST	0.85			MG/KG
MYC-B-7	10/01/90	5	5	TOLUENE ,HIST	1.4			MG/KG
MYC-B-7	10/01/90	5	5	TOTAL VOLATILE ORGANICS ,HIST	3.443			MG/KG
MYC-B-7	10/01/90	5	5	XYLENES (TOTAL) ,HIST	10			MG/KG
MYC-B-9	10/01/91	5	5	BENZENE ,HIST	0		ND	MG/KG
MYC-B-9	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.014			MG/KG
MYC-B-9	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	10.014			MG/KG
MYC-B-9	10/01/91	5	5	XYLENES (TOTAL) ,HIST	0.0037			MG/KG
MYC-W-1	10/01/90	8	8	4-METHYL-2-PENTANONE ,HIST	0.72			MG/KG
MYC-W-1	10/01/90	8	8	TOLUENE ,HIST	0.051			MG/KG
MYC-W-1	10/01/90	8	8	TOTAL VOLATILE ORGANICS ,HIST	0.771			MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-10	10/01/91	10	10	BENZENE ,HIST	0.017			MG/KG
MYC-W-10	10/01/91	10	10	CHLOROBENZENE ,HIST	0.017			MG/KG
MYC-W-10	10/01/91	10	10	ETHYLBENZENE ,HIST	0.011			MG/KG
MYC-W-10	10/01/91	10	10	METHYLENE CHLORIDE ,HIST	0.011			MG/KG
MYC-W-10	10/01/91	10	10	TOTAL VOLATILE ORGANICS ,HIST	0.827			MG/KG
MYC-W-10	10/01/91	10	10	XYLENES (TOTAL) ,HIST	0.071			MG/KG
MYC-W-11	10/01/91	5	5	TETRACHLOROETHENE ,HIST	0.0067			MG/KG
MYC-W-11	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.0067			MG/KG
MYC-W-12	10/01/91	3	3	ACETONE ,HIST	0.14			MG/KG
MYC-W-12	10/01/91	3	3	BENZENE ,HIST	0.63			MG/KG
MYC-W-12	10/01/91	3	3	CHLOROFORM ,HIST	0.31			MG/KG
MYC-W-12	10/01/91	3	3	CIS-1,2-DICHLOROETHENE ,HIST	0.031			MG/KG
MYC-W-12	10/01/91	3	3	ETHYLBENZENE ,HIST	0.43			MG/KG
MYC-W-12	10/01/91	3	3	METHYLENE CHLORIDE ,HIST	0.073			MG/KG
MYC-W-12	10/01/91	3	3	TOLUENE ,HIST	0.82			MG/KG
MYC-W-12	10/01/91	3	3	TOTAL VOLATILE ORGANICS ,HIST	2.4474			MG/KG
MYC-W-12	10/01/91	3	3	TRICHLOROETHENE ,HIST	0.32			MG/KG
MYC-W-12	10/01/91	3	3	XYLENES (TOTAL) ,HIST	2.2			MG/KG
MYC-W-13	10/01/91	5	5	2-BUTANONE ,HIST	6.9			MG/KG
MYC-W-13	10/01/91	5	5	4-METHYL-2-PENTANONE ,HIST	7.4			MG/KG
MYC-W-13	10/01/91	5	5	ACETONE ,HIST	1.9			MG/KG
MYC-W-13	10/01/91	5	5	BENZENE ,HIST	0		ND	MG/KG
MYC-W-13	10/01/91	5	5	ETHYLBENZENE ,HIST	2.6			MG/KG
MYC-W-13	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	1.2			MG/KG
MYC-W-13	10/01/91	5	5	TOLUENE ,HIST	3.5			MG/KG
MYC-W-13	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	25.7			MG/KG
MYC-W-13	10/01/91	5	5	XYLENES (TOTAL) ,HIST	26			MG/KG
MYC-W-14	10/01/91	5	5	ACETONE ,HIST	0.57			MG/KG
MYC-W-14	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.096			MG/KG
MYC-W-14	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.666			MG/KG
MYC-W-4C	10/01/90	6	6	4-METHYL-2-PENTANONE ,HIST	0.033			MG/KG
MYC-W-4C	10/01/90	6	6	BENZENE ,HIST	0.013			MG/KG
MYC-W-4C	10/01/90	6	6	CARBON DISULFIDE ,HIST	0.032			MG/KG
MYC-W-4C	10/01/90	6	6	ETHYLBENZENE ,HIST	0.0067			MG/KG
MYC-W-4C	10/01/90	6	6	TOLUENE ,HIST	0.062			MG/KG
MYC-W-4C	10/01/90	6	6	TOTAL VOLATILE ORGANICS ,HIST	27.4787			MG/KG
MYC-W-4C	10/01/90	6	6	XYLENES (TOTAL) ,HIST	0.018			MG/KG
MYC-W-5	10/01/90	5	5	BENZENE ,HIST	4.8			MG/KG
MYC-W-5	10/01/90	5	5	ETHYLBENZENE ,HIST	2.3			MG/KG
MYC-W-5	10/01/90	5	5	TOTAL VOLATILE ORGANICS ,HIST	7.118			MG/KG
MYC-W-5	10/01/90	5	5	XYLENES (TOTAL) ,HIST	1.1			MG/KG
MYC-W-7	10/01/91	5	5	ACETONE ,HIST	0.083			MG/KG
MYC-W-7	10/01/91	5	5	BENZENE ,HIST	0.0031			MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-7	10/01/91	5	5	METHYLENE CHLORIDE ,HIST	0.021			MG/KG
MYC-W-7	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.1071			MG/KG
MYC-W-8	10/01/91	5	5	ACETONE ,HIST	0.015			MG/KG
MYC-W-8	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.015			MG/KG
MYC-W-9	10/01/91	5	5	4-METHYL-2-PENTANONE ,HIST	0.11			MG/KG
MYC-W-9	10/01/91	5	5	TOTAL VOLATILE ORGANICS ,HIST	0.11			MG/KG
RP-1	07/26/94	11	11.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	1,1-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	1,1-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	1,2-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	1,2-DICHLOROPROPANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	2-BUTANONE ,VOL	0	0.5000	ND	MG/KG
RP-1	07/26/94	11	11.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	2-HEXANONE ,VOL	0	0.3000	ND	MG/KG
RP-1	07/26/94	11	11.5	4-METHYL-2-PENTANONE ,VOL	0	0.3000	ND	MG/KG
RP-1	07/26/94	11	11.5	ACETONE ,VOL	0	0.5000	ND	MG/KG
RP-1	07/26/94	11	11.5	BENZENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	BROMODICHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	BROMOFORM ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	BROMOMETHANE ,VOL	0	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	CARBON DISULFIDE ,VOL	0	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	CARBON TETRACHLORIDE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	CHLOROBENZENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	CHLOROETHANE ,VOL	0	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	CHLOROFORM ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	CHLOROMETHANE ,VOL	0	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	ETHYLBENZENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	METHYLENE CHLORIDE ,VOL	0	0.0400	ND	MG/KG
RP-1	07/26/94	11	11.5	STYRENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	TETRACHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	TOLUENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	TOTAL VOLATILE ORGANICS ,VOL	0.3781	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	TRICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-1	07/26/94	11	11.5	VINYL ACETATE ,VOL	0	0.3000	ND	MG/KG
RP-1	07/26/94	11	11.5	VINYL CHLORIDE ,VOL	0	0.0500	ND	MG/KG
RP-1	07/26/94	11	11.5	XYLENES (TOTAL) ,VOL	0	0.0500	ND	MG/KG

TABLE [redacted]. SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
RP-2	07/25/94	5	5.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
RP-2	07/25/94	5	5.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	1,1-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	1,1-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	1,2-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	1,2-DICHLOROPROPANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	6	6	2-BUTANONE ,HIST	0.051	0.0070		MG/KG
RP-2	07/25/94	5	5.5	2-BUTANONE ,VOL	0	0.5000	ND	MG/KG
RP-2	07/25/94	5	5.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0500	ND	MG/KG
RP-2	07/25/94	6	6	2-HEXANONE ,HIST	0	0.0110	ND	MG/KG
RP-2	07/25/94	5	5.5	2-HEXANONE ,VOL	0	0.3000	ND	MG/KG
RP-2	07/25/94	5	5.5	4-METHYL-2-PENTANONE ,VOL	0	0.3000	ND	MG/KG
RP-2	07/25/94	6	6	ACETONE ,HIST	0	0.0090	ND	MG/KG
RP-2	07/25/94	5	5.5	ACETONE ,VOL	0	0.5000	ND	MG/KG
RP-2	07/25/94	6	6	BENZENE ,HIST	0	0.0050	ND	MG/KG
RP-2	07/25/94	5	5.5	BENZENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	BROMODICHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	BROMOFORM ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	BROMOMETHANE ,VOL	0	0.0500	ND	MG/KG
RP-2	07/25/94	5	5.5	CARBON DISULFIDE ,VOL	0	0.0500	ND	MG/KG
RP-2	07/25/94	5	5.5	CARBON TETRACHLORIDE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	CHLOROBENZENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	CHLOROETHANE ,VOL	0	0.0500	ND	MG/KG
RP-2	07/25/94	5	5.5	CHLOROFORM ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	CHLOROMETHANE ,VOL	0	0.0500	ND	MG/KG
RP-2	07/25/94	5	5.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	6	6	ETHYLBENZENE ,HIST	0.029	0.0030		MG/KG
RP-2	07/25/94	5	5.5	ETHYLBENZENE ,VOL	0.037	0.0300		MG/KG
RP-2	07/25/94	5	5.5	METHYLENE CHLORIDE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	STYRENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	TETRACHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	6	6	TOLUENE ,HIST	0.27	0.0030		MG/KG
RP-2	07/25/94	5	5.5	TOLUENE ,VOL	0.37	0.0300		MG/KG
RP-2	07/25/94	6	6	TOTAL VOLATILE ORGANICS ,HIST	0.706	0.0110		MG/KG
RP-2	07/25/94	5	5.5	TOTAL VOLATILE ORGANICS ,VOL	1.463	0.5000		MG/KG
RP-2	07/25/94	5	5.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	5	5.5	TRICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-2	07/25/94	6	6	VINYL ACETATE ,HIST	0.051	0.0110		MG/KG
RP-2	07/25/94	5	5.5	VINYL ACETATE ,VOL	0	0.3000	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
RP-2	07/25/94	5	5.5	VINYL CHLORIDE ,VOL	0	0.0500	ND	MG/KG
RP-2	07/25/94	6	6	XYLENES (TOTAL) ,HIST	0.085	0.0030		MG/KG
RP-2	07/25/94	5	5.5	XYLENES (TOTAL) ,VOL	0.17	0.0500		MG/KG
RP-3	07/25/94	6	6	2-BUTANONE ,HIST	0.093	0.0070		MG/KG
RP-3	07/25/94	6	6	2-HEXANONE ,HIST	0	0.0110	ND	MG/KG
RP-3	07/25/94	6	6	4-METHYL-2-PENTANONE ,HIST	7.1	0.0090		MG/KG
RP-3	07/25/94	6	6	ACETONE ,HIST	0.11	0.0280		MG/KG
RP-3	07/25/94	6	6	BENZENE ,HIST	0.01	0.0050		MG/KG
RP-3	07/25/94	6	6	ETHYLBENZENE ,HIST	0.18	0.0030		MG/KG
RP-3	07/25/94	6	6	TOLUENE ,HIST	4.1	0.0030		MG/KG
RP-3	07/25/94	6	6	TOTAL VOLATILE ORGANICS ,HIST	11.848	0.0030		MG/KG
RP-3	07/25/94	6	6	TRICHLOROETHENE ,HIST	3.3	0.0050		MG/KG
RP-3	07/25/94	6	6	XYLENES (TOTAL) ,HIST	1.26	0.0030		MG/KG
RP-4	07/25/94	10.5	11	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	6	6	2-BUTANONE ,HIST	0	0.0070	ND	MG/KG
RP-4	07/25/94	10.5	11	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
RP-4	07/25/94	10.5	11	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
RP-4	07/25/94	6	6	2-HEXANONE ,HIST	0	0.0110	ND	MG/KG
RP-4	07/25/94	10.5	11	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
RP-4	07/25/94	6	6	4-METHYL-2-PENTANONE ,HIST	0	0.0090	ND	MG/KG
RP-4	07/25/94	10.5	11	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
RP-4	07/25/94	6	6	ACETONE ,HIST	0	0.0280	ND	MG/KG
RP-4	07/25/94	10.5	11	ACETONE ,VOL	0	0.1000	ND	MG/KG
RP-4	07/25/94	6	6	BENZENE ,HIST	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	BENZENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
RP-4	07/25/94	10.5	11	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
RP-4	07/25/94	10.5	11	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
RP-4	07/25/94	10.5	11	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
RP-4	07/25/94	10.5	11	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
RP-4	07/25/94	6	6	ETHYLBENZENE ,HIST	0	0.0030	ND	MG/KG
RP-4	07/25/94	10.5	11	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	METHYLENE CHLORIDE ,VOL	0	0.0080	ND	MG/KG
RP-4	07/25/94	10.5	11	STYRENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	6	6	TOLUENE ,HIST	0	0.0030	ND	MG/KG
RP-4	07/25/94	10.5	11	TOLUENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	6	6	TOTAL VOLATILE ORGANICS ,HIST	0	0.0280	ND	MG/KG
RP-4	07/25/94	10.5	11	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
RP-4	07/25/94	10.5	11	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
RP-4	07/25/94	10.5	11	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
RP-4	07/25/94	10.5	11	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
RP-4	07/25/94	6	6	XYLENES (TOTAL) ,HIST	0	0.0030	ND	MG/KG
RP-4	07/25/94	10.5	11	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
RP-5	07/25/94	5.5	6	1,1,1-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	1,1,2-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	1,1-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	1,1-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	1,2-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	1,2-DICHLOROPROPANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	2-BUTANONE ,VOL	0	0.5000	ND	MG/KG
RP-5	07/25/94	5.5	6	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0500	ND	MG/KG
RP-5	07/25/94	5.5	6	2-HEXANONE ,VOL	0	0.3000	ND	MG/KG
RP-5	07/25/94	5.5	6	4-METHYL-2-PENTANONE ,VOL	0	0.3000	ND	MG/KG
RP-5	07/25/94	5.5	6	ACETONE ,VOL	0	0.5000	ND	MG/KG
RP-5	07/25/94	5.5	6	BENZENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	BROMODICHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	BROMOFORM ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	BROMOMETHANE ,VOL	0	0.0500	ND	MG/KG
RP-5	07/25/94	5.5	6	CARBON DISULFIDE ,VOL	0	0.0500	ND	MG/KG
RP-5	07/25/94	5.5	6	CARBON TETRACHLORIDE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	CHLOROBENZENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	CHLOROETHANE ,VOL	0	0.0500	ND	MG/KG
RP-5	07/25/94	5.5	6	CHLOROFORM ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	CHLOROMETHANE ,VOL	0	0.0500	ND	MG/KG
RP-5	07/25/94	5.5	6	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	DIBROMOCHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	ETHYLBENZENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	METHYLENE CHLORIDE ,VOL	0	0.0300	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
RP-5	07/25/94	5.5	6	STYRENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	TETRACHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	TOLUENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000		MG/KG
RP-5	07/25/94	5.5	6	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	TRICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
RP-5	07/25/94	5.5	6	VINYL ACETATE ,VOL	0	0.3000	ND	MG/KG
RP-5	07/25/94	5.5	6	VINYL CHLORIDE ,VOL	0	0.0500	ND	MG/KG
RP-5	07/25/94	5.5	6	XYLENES (TOTAL) ,VOL	0.22	0.0500		MG/KG
SB-1	04/05/94	3.5	4	1,1,1-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	1,1,2-TRICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	1,1-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	1,1-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	1,2-DICHLOROETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	1,2-DICHLOROPROPANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	2-BUTANONE ,VOL	0	0.5000	ND	MG/KG
SB-1	04/05/94	3.5	4	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0500	ND	MG/KG
SB-1	04/05/94	3.5	4	2-HEXANONE ,VOL	0	0.3000	ND	MG/KG
SB-1	04/05/94	3.5	4	4-METHYL-2-PENTANONE ,VOL	0	0.3000	ND	MG/KG
SB-1	04/05/94	3.5	4	ACETONE ,VOL	0	0.5000	ND	MG/KG
SB-1	04/05/94	3.5	4	BENZENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	BROMODICHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	BROMOFORM ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	BROMOMETHANE ,VOL	0	0.0500	ND	MG/KG
SB-1	04/05/94	3.5	4	CARBON DISULFIDE ,VOL	0	0.0500	ND	MG/KG
SB-1	04/05/94	3.5	4	CARBON TETRACHLORIDE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	CHLOROBENZENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	CHLOROETHANE ,VOL	0	0.0500	ND	MG/KG
SB-1	04/05/94	3.5	4	CHLOROFORM ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	CHLOROMETHANE ,VOL	0	0.0500	ND	MG/KG
SB-1	04/05/94	3.5	4	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	DIBROMOCHLOROMETHANE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	ETHYLBENZENE ,VOL	0.033	0.0300		MG/KG
SB-1	04/05/94	3.5	4	METHYLENE CHLORIDE ,VOL	0	0.1000	ND	MG/KG
SB-1	04/05/94	3.5	4	STYRENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	TOLUENE ,VOL	0.048	0.0300		MG/KG
SB-1	04/05/94	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0.301	0.1000		MG/KG
SB-1	04/05/94	3.5	4	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0300	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-1	04/05/94	3.5	4	TRICHLOROETHENE ,VOL	0	0.0300	ND	MG/KG
SB-1	04/05/94	3.5	4	VINYL ACETATE ,VOL	0	0.3000	ND	MG/KG
SB-1	04/05/94	3.5	4	VINYL CHLORIDE ,VOL	0	0.0500	ND	MG/KG
SB-1	04/05/94	3.5	4	XYLENES (TOTAL) ,VOL	0.14	0.0500		MG/KG
SB-10	05/17/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-10	05/17/89	5.5	6	ETHYLBENZENE ,VOL	520			MG/KG
SB-10	05/17/89	5.5	6	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-10	05/17/89	5.5	6	TOLUENE ,VOL	1400			MG/KG
SB-10	05/17/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	3520			MG/KG
SB-10	05/17/89	5.5	6	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-10	05/17/89	5.5	6	XYLENES (TOTAL) ,VOL	1600			MG/KG
SB-11	05/16/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-11	05/16/89	3.5	4	ETHYLBENZENE ,VOL	200			MG/KG
SB-11	05/16/89	3.5	4	TETRACHLOROETHENE ,VOL	5.6			MG/KG
SB-11	05/16/89	3.5	4	TOLUENE ,VOL	1000			MG/KG
SB-11	05/16/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	1886.2			MG/KG
SB-11	05/16/89	3.5	4	TRICHLOROETHENE ,VOL	0.6			MG/KG
SB-11	05/16/89	3.5	4	XYLENES (TOTAL) ,VOL	680			MG/KG
SB-12	05/17/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-12	05/17/89	5.5	6	ETHYLBENZENE ,VOL	12			MG/KG
SB-12	05/17/89	5.5	6	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-12	05/17/89	5.5	6	TOLUENE ,VOL	440			MG/KG
SB-12	05/17/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	527			MG/KG
SB-12	05/17/89	5.5	6	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-12	05/17/89	5.5	6	XYLENES (TOTAL) ,VOL	75			MG/KG
SB-13	05/17/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-13	05/17/89	3.5	4	ETHYLBENZENE ,VOL	50			MG/KG
SB-13	05/17/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-13	05/17/89	3.5	4	TOLUENE ,VOL	3			MG/KG
SB-13	05/17/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	503			MG/KG
SB-13	05/17/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-13	05/17/89	3.5	4	XYLENES (TOTAL) ,VOL	450			MG/KG
SB-14	05/17/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-14	05/17/89	3.5	4	ETHYLBENZENE ,VOL	25			MG/KG
SB-14	05/17/89	3.5	4	TETRACHLOROETHENE ,VOL	0.4			MG/KG
SB-14	05/17/89	3.5	4	TOLUENE ,VOL	85			MG/KG
SB-14	05/17/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	280.4			MG/KG
SB-14	05/17/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-14	05/17/89	3.5	4	XYLENES (TOTAL) ,VOL	170			MG/KG
SB-15	05/17/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-15	05/17/89	5.5	6	ETHYLBENZENE ,VOL	160			MG/KG
SB-15	05/17/89	5.5	6	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-15	05/17/89	5.5	6	TOLUENE ,VOL	1000			MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-15	05/17/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	1810			MG/KG
SB-15	05/17/89	5.5	6	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-15	05/17/89	5.5	6	XYLENES (TOTAL) ,VOL	650			MG/KG
SB-16	10/26/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-16	10/26/89	3.5	4	ETHYLBENZENE ,VOL	3.3			MG/KG
SB-16	10/26/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-16	10/26/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
SB-16	10/26/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	7.9			MG/KG
SB-16	10/26/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-16	10/26/89	3.5	4	XYLENES (TOTAL) ,VOL	4.6			MG/KG
SB-17	10/26/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-17	10/26/89	3.5	4	ETHYLBENZENE ,VOL	130			MG/KG
SB-17	10/26/89	3.5	4	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-17	10/26/89	3.5	4	TOLUENE ,VOL	190			MG/KG
SB-17	10/26/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	740			MG/KG
SB-17	10/26/89	3.5	4	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-17	10/26/89	3.5	4	XYLENES (TOTAL) ,VOL	420			MG/KG
SB-18	10/26/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-18	10/26/89	3.5	4	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
SB-18	10/26/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-18	10/26/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
SB-18	10/26/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
SB-18	10/26/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-18	10/26/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	ACETONE ,VOL	0	0.1000	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-2-RFP	04/05/94	3.5	4	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	METHYLENE CHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	STYRENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	TOLUENE ,VOL	0.01	0.0050		MG/KG
SB-2-RFP	04/05/94	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0.01	0.0100	,	MG/KG
SB-2-RFP	04/05/94	3.5	4	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
SB-2-RFP	04/05/94	3.5	4	XYLENES (TOTAL) ,VOL	0.01	0.0100		MG/KG
SB-21	10/26/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-21	10/26/89	3.5	4	ETHYLBENZENE ,VOL	65			MG/KG
SB-21	10/26/89	3.5	4	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-21	10/26/89	3.5	4	TOLUENE ,VOL	92			MG/KG
SB-21	10/26/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	157.01			MG/KG
SB-21	10/26/89	3.5	4	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-21	10/26/89	3.5	4	XYLENES (TOTAL) ,VOL	180			MG/KG
SB-22	10/26/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-22	10/26/89	3.5	4	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
SB-22	10/26/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-22	10/26/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG
SB-22	10/26/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0	0.1000	ND	MG/KG
SB-22	10/26/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-22	10/26/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
SB-23	10/26/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-23	10/26/89	3.5	4	ETHYLBENZENE ,VOL	0	2.0000	ND	MG/KG
SB-23	10/26/89	3.5	4	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-23	10/26/89	3.5	4	TOLUENE ,VOL	0	2.0000	ND	MG/KG
SB-23	10/26/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0	2.0000	ND	MG/KG
SB-23	10/26/89	3.5	4	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-23	10/26/89	3.5	4	XYLENES (TOTAL) ,VOL	0	2.0000	ND	MG/KG
SB-25	10/31/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-25	10/31/89	3.5	4	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
SB-25	10/31/89	3.5	4	TETRACHLOROETHENE ,VOL	0.2			MG/KG
SB-25	10/31/89	3.5	4	TOLUENE ,VOL	0	0.1000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-25	10/31/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0.7			MG/KG
SB-25	10/31/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-25	10/31/89	3.5	4	TRICHLOROFLUOROMETHANE ,VOL	0.2			MG/KG
SB-25	10/31/89	3.5	4	TRICHLOROTRIFLUOROETHANE ,VOL	0.3			MG/KG
SB-25	10/31/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
SB-26	11/02/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-26	11/02/89	5.5	6	ETHYLBENZENE ,VOL	0	0.1000	ND	MG/KG
SB-26	11/02/89	5.5	6	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-26	11/02/89	5.5	6	TOLUENE ,VOL	0	0.1000	ND	MG/KG
SB-26	11/02/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	3.5			MG/KG
SB-26	11/02/89	5.5	6	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-26	11/02/89	5.5	6	XYLENES (TOTAL) ,VOL	3.5			MG/KG
SB-3	04/04/94	3.5	4	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
SB-3	04/04/94	3.5	4	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
SB-3	04/04/94	3.5	4	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
SB-3	04/04/94	3.5	4	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
SB-3	04/04/94	3.5	4	ACETONE ,VOL	0	0.1000	ND	MG/KG
SB-3	04/04/94	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-3	04/04/94	3.5	4	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
SB-3	04/04/94	3.5	4	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
SB-3	04/04/94	3.5	4	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-3	04/04/94	3.5	4	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	METHYLENE CHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	STYRENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	TOLUENE ,VOL	0.011	0.0050		MG/KG
SB-3	04/04/94	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	7.011	0.0050	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-3	04/04/94	3.5	4	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-3	04/04/94	3.5	4	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
SB-3	04/04/94	3.5	4	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
SB-3	04/04/94	3.5	4	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
SB-4	04/05/94	12	12.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
SB-4	04/05/94	12	12.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
SB-4	04/05/94	12	12.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
SB-4	04/05/94	12	12.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	METHYLENE CHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	TOLUENE ,VOL	0.01	0.0050		MG/KG
SB-4	04/05/94	12	12.5	TOTAL VOLATILE ORGANICS ,VOL	0.01	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-4	04/05/94	12	12.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
SB-4	04/05/94	12	12.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
SB-4	04/05/94	12	12.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-41	06/28/90	6	6.5	BENZENE ,VOL	0	0.8000	ND	MG/KG
SB-41	06/28/90	6	6.5	ETHYLBENZENE ,VOL	0	0.8000	ND	MG/KG
SB-41	06/28/90	6	6.5	TETRACHLOROETHENE ,VOL	0	0.8000	ND	MG/KG
SB-41	06/28/90	6	6.5	TOLUENE ,VOL	0	0.8000	ND	MG/KG
SB-41	06/28/90	6	6.5	TOTAL VOLATILE ORGANICS ,VOL	0	0.8000	ND	MG/KG
SB-41	06/28/90	6	6.5	TRICHLOROETHENE ,VOL	0	0.8000	ND	MG/KG
SB-41	06/28/90	6	6.5	XYLENES (TOTAL) ,VOL	0	0.8000	ND	MG/KG
SB-42	06/28/90	6	6.5	BENZENE ,VOL	0	0.2000	ND	MG/KG
SB-42	06/28/90	6	6.5	ETHYLBENZENE ,VOL	0.2			MG/KG
SB-42	06/28/90	6	6.5	TETRACHLOROETHENE ,VOL	0	0.2000	ND	MG/KG
SB-42	06/28/90	6	6.5	TOLUENE ,VOL	0	0.2000	ND	MG/KG
SB-42	06/28/90	6	6.5	TOTAL VOLATILE ORGANICS ,VOL	0.2			MG/KG
SB-42	06/28/90	6	6.5	TRICHLOROETHENE ,VOL	0	0.2000	ND	MG/KG
SB-42	06/28/90	6	6.5	XYLENES (TOTAL) ,VOL	0	0.2000	ND	MG/KG
SB-45	06/28/90	6	6.5	BENZENE ,VOL	0	4.0000	ND	MG/KG
SB-45	06/28/90	6	6.5	ETHYLBENZENE ,VOL	6			MG/KG
SB-45	06/28/90	6	6.5	TETRACHLOROETHENE ,VOL	0	4.0000	ND	MG/KG
SB-45	06/28/90	6	6.5	TOLUENE ,VOL	0	4.0000	ND	MG/KG
SB-45	06/28/90	6	6.5	TOTAL VOLATILE ORGANICS ,VOL	41			MG/KG
SB-45	06/28/90	6	6.5	TRICHLOROETHENE ,VOL	0	4.0000	ND	MG/KG
SB-45	06/28/90	6	6.5	XYLENES (TOTAL) ,VOL	35			MG/KG
SB-5	04/05/94	6	6.5	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
SB-5	04/05/94	6	6.5	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
SB-5	04/05/94	6	6.5	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
SB-5	04/05/94	6	6.5	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
SB-5	04/05/94	6	6.5	ACETONE ,VOL	0	0.1000	ND	MG/KG
SB-5	04/05/94	6	6.5	BENZENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
SB-5	04/05/94	6	6.5	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
SB-5	04/05/94	6	6.5	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
SB-5	04/05/94	6	6.5	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-5	04/05/94	6	6.5	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	METHYLENE CHLORIDE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	STYRENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	TOLUENE ,VOL	0.007	0.0050		MG/KG
SB-5	04/05/94	6	6.5	TOTAL VOLATILE ORGANICS ,VOL	82.007	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SB-5	04/05/94	6	6.5	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
SB-5	04/05/94	6	6.5	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
SB-5	04/05/94	6	6.5	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
SB-6	04/04/94	6.5	7	1,1,1-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	1,1,2-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	1,1-DICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	1,1-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	1,2-DICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	1,2-DICHLOROPROPANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	2-BUTANONE ,VOL	0	5.0000	ND	MG/KG
SB-6	04/04/94	6.5	7	2-CHLOROETHYLVINYLETHER ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	2-HEXANONE ,VOL	0	3.0000	ND	MG/KG
SB-6	04/04/94	6.5	7	4-METHYL-2-PENTANONE ,VOL	0	3.0000	ND	MG/KG
SB-6	04/04/94	6.5	7	ACETONE ,VOL	0	5.0000	ND	MG/KG
SB-6	04/04/94	6.5	7	BENZENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	BROMODICHLOROMETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	BROMOFORM ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	BROMOMETHANE ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	CARBON DISULFIDE ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	CARBON TETRACHLORIDE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	CHLOROBENZENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	CHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	CHLOROFORM ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	CHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	CIS-1,2-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	DIBROMOCHLOROMETHANE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	ETHYLBENZENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	METHYLENE CHLORIDE ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	STYRENE ,VOL	0	0.3000	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-6	04/04/94	6.5	7	TETRACHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	TOLUENE ,VOL	13	0.3000		MG/KG
SB-6	04/04/94	6.5	7	TOTAL VOLATILE ORGANICS ,VOL	13	0.5000		MG/KG
SB-6	04/04/94	6.5	7	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	TRICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SB-6	04/04/94	6.5	7	VINYL ACETATE ,VOL	0	3.0000	ND	MG/KG
SB-6	04/04/94	6.5	7	VINYL CHLORIDE ,VOL	0	0.5000	ND	MG/KG
SB-6	04/04/94	6.5	7	XYLENES (TOTAL) ,VOL	0.92	0.5000		MG/KG
SB-7	04/04/94	2.5	3	1,1,1-TRICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	1,1,2-TRICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	1,1-DICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	1,1-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	1,2-DICHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	1,2-DICHLOROPROPANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	2-BUTANONE ,VOL	0	10.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	2-CHLOROETHYLVINYLETHER ,VOL	0	1.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	2-HEXANONE ,VOL	0	5.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	4-METHYL-2-PENTANONE ,VOL	13	5.0000		MG/KG
SB-7	04/04/94	2.5	3	ACETONE ,VOL	110	10.0000		MG/KG
SB-7	04/04/94	2.5	3	BENZENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	BROMODICHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	BROMOFORM ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	BROMOMETHANE ,VOL	0	1.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	CARBON DISULFIDE ,VOL	0	1.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	CARBON TETRACHLORIDE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	CHLOROBENZENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	CHLOROETHANE ,VOL	0	1.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	CHLOROFORM ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	CHLOROMETHANE ,VOL	0	1.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	CIS-1,2-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	DIBROMOCHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	ETHYLBENZENE ,VOL	1.2	0.5000		MG/KG
SB-7	04/04/94	2.5	3	METHYLENE CHLORIDE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	STYRENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	TETRACHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	TOLUENE ,VOL	4.3	0.5000		MG/KG
SB-7	04/04/94	2.5	3	TOTAL VOLATILE ORGANICS ,VOL	129.42	1.0000		MG/KG
SB-7	04/04/94	2.5	3	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.5000	ND	MG/KG
SB-7	04/04/94	2.5	3	TRICHLOROETHENE ,VOL	0	0.5000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-7	04/04/94	2.5	3	VINYL ACETATE ,VOL	0	5.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	VINYL CHLORIDE ,VOL	0	1.0000	ND	MG/KG
SB-7	04/04/94	2.5	3	XYLENES (TOTAL) ,VOL	6	1.0000		MG/KG
SB-7AB	05/18/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-7AB	05/18/89	3.5	4	ETHYLBENZENE ,VOL	150			MG/KG
SB-7AB	05/18/89	3.5	4	TETRACHLOROETHENE ,VOL	0	6.0000	ND	MG/KG
SB-7AB	05/18/89	3.5	4	TOLUENE ,VOL	170			MG/KG
SB-7AB	05/18/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	830			MG/KG
SB-7AB	05/18/89	3.5	4	TRICHLOROETHENE ,VOL	0	6.0000	ND	MG/KG
SB-7AB	05/18/89	3.5	4	XYLENES (TOTAL) ,VOL	510			MG/KG
SB-8	04/05/94	6.5	7	1,1,1-TRICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	1,1,2,2-TETRACHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	1,1,2-TRICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	1,1-DICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	1,1-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	1,2-DICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	1,2-DICHLOROPROPANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	2-BUTANONE ,VOL	0	1000.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	2-CHLOROETHYLVINYLETHER ,VOL	0	100.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	2-HEXANONE ,VOL	0	500.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	4-METHYL-2-PENTANONE ,VOL	0	500.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	ACETONE ,VOL	1100	1000.0000		MG/KG
SB-8	04/05/94	6.5	7	BENZENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	BROMODICHLOROMETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	BROMOFORM ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	BROMOMETHANE ,VOL	0	100.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CARBON DISULFIDE ,VOL	0	100.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CARBON TETRACHLORIDE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CHLOROBENZENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CHLOROETHANE ,VOL	0	100.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CHLOROFORM ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CHLOROMETHANE ,VOL	0	100.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CIS-1,2-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	CIS-1,3-DICHLOROPROPENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	DIBROMOCHLOROMETHANE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	ETHYLBENZENE ,VOL	62	50.0000		MG/KG
SB-8	04/05/94	6.5	7	METHYLENE CHLORIDE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	STYRENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	TETRACHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	TOLUENE ,VOL	880	50.0000		MG/KG
SB-8	04/05/94	6.5	7	TOTAL VOLATILE ORGANICS ,VOL	3702	100.0000		MG/KG
SB-8	04/05/94	6.5	7	TRANS-1,2-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	TRANS-1,3-DICHLOROPROPENE ,VOL	0	50.0000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-8	04/05/94	6.5	7	TRICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	VINYL ACETATE ,VOL	0	500.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	VINYL CHLORIDE ,VOL	0	100.0000	ND	MG/KG
SB-8	04/05/94	6.5	7	XYLENES (TOTAL) ,VOL	360	100.0000		MG/KG
SB-8AB	05/16/89	3.5	4	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-8AB	05/16/89	3.5	4	ETHYLBENZENE ,VOL	1			MG/KG
SB-8AB	05/16/89	3.5	4	TETRACHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-8AB	05/16/89	3.5	4	TOLUENE ,VOL	0.2			MG/KG
SB-8AB	05/16/89	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	1.2			MG/KG
SB-8AB	05/16/89	3.5	4	TRICHLOROETHENE ,VOL	0	0.1000	ND	MG/KG
SB-8AB	05/16/89	3.5	4	XYLENES (TOTAL) ,VOL	0	0.1000	ND	MG/KG
SB-9	05/17/89	5.5	6	BENZENE ,VOL	0	0.1000	ND	MG/KG
SB-9	05/17/89	5.5	6	ETHYLBENZENE ,VOL	110			MG/KG
SB-9	05/17/89	5.5	6	TETRACHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-9	05/17/89	5.5	6	TOLUENE ,VOL	60			MG/KG
SB-9	05/17/89	5.5	6	TOTAL VOLATILE ORGANICS ,VOL	470			MG/KG
SB-9	05/17/89	5.5	6	TRICHLOROETHENE ,VOL	0	2.0000	ND	MG/KG
SB-9	05/17/89	5.5	6	XYLENES (TOTAL) ,VOL	300			MG/KG
SBGR-5	11/08/93	3.5	5	1,1-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	1,1-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	1,2-DICHLOROETHANE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	2-BUTANONE ,HIST	0	0.5000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	4-METHYL-2-PENTANONE ,HIST	0	0.5000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	ACETONE ,HIST	0	1.0000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	BENZENE ,HIST	0	100.0000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	CARBON DISULFIDE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	CARBON TETRACHLORIDE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	CHLOROBENZENE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	CHLOROFORM ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	CIS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	ETHYLBENZENE ,HIST	0	100.0000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	METHYLENE CHLORIDE ,HIST	0	0.2500	ND	MG/KG
SBGR-5	11/08/93	3.5	5	TOLUENE ,HIST	0	100.0000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	TOTAL VOLATILE ORGANICS ,HIST	830	100.0000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	TRICHLOROETHENE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	VINYL CHLORIDE ,HIST	0	0.1000	ND	MG/KG
SBGR-5	11/08/93	3.5	5	XYLENES (TOTAL) ,HIST	0	100.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	1,1-DICHLOROETHANE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	1,1-DICHLOROETHENE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	1,2-DICHLOROETHANE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	2-BUTANONE ,HIST	0	2.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	4-METHYL-2-PENTANONE ,HIST	0	2.0000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SBGR-7	11/09/93	3.5	5	ACETONE ,HIST	0	4.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	BENZENE ,HIST	0	400.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	CARBON DISULFIDE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	CARBON TETRACHLORIDE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	CHLOROBENZENE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	CHLOROFORM ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	CIS-1,2-DICHLOROETHENE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	ETHYLBENZENE ,HIST	4100			MG/KG
SBGR-7	11/09/93	3.5	5	METHYLENE CHLORIDE ,HIST	0	1.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	TOLUENE ,HIST	0	400.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	TOTAL VOLATILE ORGANICS ,HIST	4100	400.0000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	TRANS-1,2-DICHLOROETHENE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	TRICHLOROETHENE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	VINYL CHLORIDE ,HIST	0	0.4000	ND	MG/KG
SBGR-7	11/09/93	3.5	5	XYLENES (TOTAL) ,HIST	0	400.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,1,1-TRICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,1,2,2-TETRACHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,1,2-TRICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,1-DICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,1-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,2-DICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	1,2-DICHLOROPROPANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	2-BUTANONE ,VOL	0	1000.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	2-CHLOROETHYLVINYLETHER ,VOL	0	100.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	2-HEXANONE ,VOL	0	500.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	4-METHYL-2-PENTANONE ,VOL	0	500.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	ACETONE ,VOL	0	1000.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	BENZENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	BROMODICHLOROMETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	BROMOFORM ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	BROMOMETHANE ,VOL	0	100.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CARBON DISULFIDE ,VOL	0	100.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CARBON TETRACHLORIDE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CHLOROBENZENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CHLOROETHANE ,VOL	0	100.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CHLOROFORM ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CHLOROMETHANE ,VOL	0	100.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CIS-1,2-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	CIS-1,3-DICHLOROPROPENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	DIBROMOCHLOROMETHANE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	ETHYLBENZENE ,VOL	120	50.0000		MG/KG
SW-1	07/06/94	9.5	10	METHYLENE CHLORIDE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	STYRENE ,VOL	0	50.0000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SW-1	07/06/94	9.5	10	TETRACHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	TOLUENE ,VOL	1600	50.0000		MG/KG
SW-1	07/06/94	9.5	10	TOTAL VOLATILE ORGANICS ,VOL	5820	1000.0000		MG/KG
SW-1	07/06/94	9.5	10	TRANS-1,2-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	TRANS-1,3-DICHLOROPROPENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	TRICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	VINYL ACETATE ,VOL	0	500.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	VINYL CHLORIDE ,VOL	0	100.0000	ND	MG/KG
SW-1	07/06/94	9.5	10	XYLENES (TOTAL) ,VOL	600	100.0000	.	MG/KG
SW-1AC	07/14/88	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SW-1AC	07/14/88	3.5	4	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SW-1AC	07/14/88	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-1AC	07/14/88	3.5	4	TOLUENE ,VOL	0	0.0050	ND	MG/KG
SW-1AC	07/14/88	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0	0.0050	ND	MG/KG
SW-1AC	07/14/88	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-1AC	07/14/88	3.5	4	XYLENES (TOTAL) ,VOL	0	0.0050	ND	MG/KG
SW-2	07/06/94	6.5	7	1,1,1-TRICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	1,1,2,2-TETRACHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	1,1,2-TRICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	1,1-DICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	1,1-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	1,2-DICHLOROETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	1,2-DICHLOROPROPANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	2-BUTANONE ,HIST	0	0.0060	ND	MG/KG
SW-2	07/06/94	6.5	7	2-BUTANONE ,VOL	0	1000.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	2-CHLOROETHYLVINYLETHER ,VOL	0	100.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	2-HEXANONE ,HIST	0.5			MG/KG
SW-2	07/06/94	6.5	7	2-HEXANONE ,VOL	0	500.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	4-METHYL-2-PENTANONE ,HIST	0.16			MG/KG
SW-2	07/06/94	6.5	7	4-METHYL-2-PENTANONE ,VOL	0	500.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	ACETONE ,HIST	1800			MG/KG
SW-2	07/06/94	6.5	7	ACETONE ,VOL	2200	1000.0000		MG/KG
SW-2	07/06/94	4	4.5	BENZENE ,HIST	0	0.0040	ND	MG/KG
SW-2	07/06/94	6.5	7	BENZENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	BROMODICHLOROMETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	BROMOFORM ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	BROMOMETHANE ,VOL	0	100.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CARBON DISULFIDE ,VOL	0	100.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CARBON TETRACHLORIDE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CHLOROBENZENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CHLOROETHANE ,VOL	0	100.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CHLOROFORM ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CHLOROMETHANE ,VOL	0	100.0000	ND	MG/KG

TABLE [redacted]: SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SW-2	07/06/94	6.5	7	CIS-1,2-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	CIS-1,3-DICHLOROPROPENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	DIBROMOCHLOROMETHANE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	ETHYLBENZENE ,HIST	2.5			MG/KG
SW-2	07/06/94	6.5	7	ETHYLBENZENE ,VOL	56	50.0000		MG/KG
SW-2	07/06/94	6.5	7	METHYLENE CHLORIDE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	STYRENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	TETRACHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	TOLUENE ,HIST	740			MG/KG
SW-2	07/06/94	6.5	7	TOLUENE ,VOL	1000	50.0000		MG/KG
SW-2	07/06/94	6.5	7	TOTAL VOLATILE ORGANICS ,VOL	5799.16	100.0000		MG/KG
SW-2	07/06/94	4	4.5	TOTAL VOLATILE ORGANICS ,VOL	7597.66			MG/KG
SW-2	07/06/94	6.5	7	TRANS-1,2-DICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	TRANS-1,3-DICHLOROPROPENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	TRICHLOROETHENE ,VOL	0	50.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	VINYL ACETATE ,VOL	0	500.0000	ND	MG/KG
SW-2	07/06/94	6.5	7	VINYL CHLORIDE ,VOL	0	100.0000	ND	MG/KG
SW-2	07/06/94	4	4.5	XYLENES (TOTAL) ,HIST	240			MG/KG
SW-2	07/06/94	6.5	7	XYLENES (TOTAL) ,VOL	350	100.0000		MG/KG
SW-2BD	07/14/88	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SW-2BD	07/14/88	3.5	4	ETHYLBENZENE ,VOL	0.45			MG/KG
SW-2BD	07/14/88	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-2BD	07/14/88	3.5	4	TOLUENE ,VOL	0	0.0050	ND	MG/KG
SW-2BD	07/14/88	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	0.95			MG/KG
SW-2BD	07/14/88	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	591.4			MG/KG
SW-2BD	07/14/88	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-2BD	07/14/88	3.5	4	XYLENES (TOTAL) ,VOL	0.5			MG/KG
SW-3	07/06/94	12.5	13	1,1,1-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	1,1,2-TRICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	1,1-DICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	1,1-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	1,2-DICHLOROETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	1,2-DICHLOROPROPANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	2-BUTANONE ,VOL	0	5.0000	ND	MG/KG
SW-3	07/06/94	12.5	13	2-CHLOROETHYLVINYLETHER ,VOL	0	0.5000	ND	MG/KG
SW-3	07/06/94	12.5	13	2-HEXANONE ,VOL	0	3.0000	ND	MG/KG
SW-3	07/06/94	12.5	13	4-METHYL-2-PENTANONE ,VOL	0	3.0000	ND	MG/KG
SW-3	07/06/94	12.5	13	ACETONE ,VOL	0	5.0000	ND	MG/KG
SW-3	07/06/94	12.5	13	BENZENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	BROMODICHLOROMETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	BROMOFORM ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	BROMOMETHANE ,VOL	0	0.5000	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SW-3	07/06/94	12.5	13	CARBON DISULFIDE ,VOL	0	0.5000	ND	MG/KG
SW-3	07/06/94	12.5	13	CARBON TETRACHLORIDE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	CHLOROBENZENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	CHLOROETHANE ,VOL	0	0.5000	ND	MG/KG
SW-3	07/06/94	12.5	13	CHLOROFORM ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	CHLOROMETHANE ,VOL	0	0.5000	ND	MG/KG
SW-3	07/06/94	12.5	13	CIS-1,2-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	DIBROMOCHLOROMETHANE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	ETHYLBENZENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	METHYLENE CHLORIDE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	STYRENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	TETRACHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	TOLUENE ,VOL	2.4	0.3000		MG/KG
SW-3	07/06/94	12.5	13	TOTAL VOLATILE ORGANICS ,VOL	595.25	0.5000		MG/KG
SW-3	07/06/94	12.5	13	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	TRICHLOROETHENE ,VOL	0	0.3000	ND	MG/KG
SW-3	07/06/94	12.5	13	VINYL ACETATE ,VOL	0	3.0000	ND	MG/KG
SW-3	07/06/94	12.5	13	VINYL CHLORIDE ,VOL	0	0.5000	ND	MG/KG
SW-3	07/06/94	12.5	13	XYLENES (TOTAL) ,VOL	0.78	0.5000		MG/KG
SW-4	07/06/94	6.5	7	1,1,1-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	1,1,2,2-TETRACHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	1,1,2-TRICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	1,1-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	1,1-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	1,2-DICHLOROETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	1,2-DICHLOROPROPANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	2-BUTANONE ,VOL	0	0.1000	ND	MG/KG
SW-4	07/06/94	6.5	7	2-CHLOROETHYLVINYLETHER ,VOL	0	0.0100	ND	MG/KG
SW-4	07/06/94	6.5	7	2-HEXANONE ,VOL	0	0.0500	ND	MG/KG
SW-4	07/06/94	6.5	7	4-METHYL-2-PENTANONE ,VOL	0	0.0500	ND	MG/KG
SW-4	07/06/94	6.5	7	ACETONE ,VOL	0.13	0.1000		MG/KG
SW-4	07/06/94	6.5	7	BENZENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	BROMODICHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	BROMOFORM ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	BROMOMETHANE ,VOL	0	0.0100	ND	MG/KG
SW-4	07/06/94	6.5	7	CARBON DISULFIDE ,VOL	0	0.0100	ND	MG/KG
SW-4	07/06/94	6.5	7	CARBON TETRACHLORIDE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	CHLOROBENZENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	CHLOROETHANE ,VOL	0	0.0100	ND	MG/KG
SW-4	07/06/94	6.5	7	CHLOROFORM ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	CHLOROMETHANE ,VOL	0	0.0100	ND	MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP S[redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SW-4	07/06/94	6.5	7	CIS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	CIS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	DIBROMOCHLOROMETHANE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	METHYLENE CHLORIDE ,VOL	0	0.0070	ND	MG/KG
SW-4	07/06/94	6.5	7	STYRENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	TOLUENE ,VOL	0.024	0.0050		MG/KG
SW-4	07/06/94	6.5	7	TOTAL VOLATILE ORGANICS ,VOL	0.934	0.0100	ND	MG/KG
SW-4	07/06/94	6.5	7	TRANS-1,2-DICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	TRANS-1,3-DICHLOROPROPENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4	07/06/94	6.5	7	VINYL ACETATE ,VOL	0	0.0500	ND	MG/KG
SW-4	07/06/94	6.5	7	VINYL CHLORIDE ,VOL	0	0.0100	ND	MG/KG
SW-4	07/06/94	6.5	7	XYLENES (TOTAL) ,VOL	0	0.0100	ND	MG/KG
SW-4AB	07/14/88	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SW-4AB	07/14/88	3.5	4	ETHYLBENZENE ,VOL	0	0.0050	ND	MG/KG
SW-4AB	07/14/88	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4AB	07/14/88	3.5	4	TOLUENE ,VOL	0	0.0050	ND	MG/KG
SW-4AB	07/14/88	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	5200			MG/KG
SW-4AB	07/14/88	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-4AB	07/14/88	3.5	4	XYLENES (TOTAL) ,VOL	5200			MG/KG
SW-5	07/14/88	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SW-5	07/14/88	3.5	4	ETHYLBENZENE ,VOL	220			MG/KG
SW-5	07/14/88	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-5	07/14/88	3.5	4	TOLUENE ,VOL	530			MG/KG
SW-5	07/14/88	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	2550			MG/KG
SW-5	07/14/88	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-5	07/14/88	3.5	4	XYLENES (TOTAL) ,VOL	1800			MG/KG
SW-6	07/14/88	3.5	4	BENZENE ,VOL	0	0.0050	ND	MG/KG
SW-6	07/14/88	3.5	4	ETHYLBENZENE ,VOL	1			MG/KG
SW-6	07/14/88	3.5	4	TETRACHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-6	07/14/88	3.5	4	TOLUENE ,VOL	1.8			MG/KG
SW-6	07/14/88	3.5	4	TOTAL VOLATILE ORGANICS ,VOL	10.1			MG/KG
SW-6	07/14/88	3.5	4	TRICHLOROETHENE ,VOL	0	0.0050	ND	MG/KG
SW-6	07/14/88	3.5	4	XYLENES (TOTAL) ,VOL	7.3			MG/KG
TMC-GT3-06	01/26/94	5	5	BENZENE ,HIST	5.4	0.1000		MG/KG
TMC-GT3-06	01/26/94	5	5	ETHYLBENZENE ,HIST	3.8	0.1000		MG/KG
TMC-GT3-06	01/26/94	5	5	TOLUENE ,HIST	11	0.1000		MG/KG
TMC-GT3-06	01/26/94	5	5	TOTAL VOLATILE ORGANICS ,HIST	27.5	0.1000		MG/KG
TMC-GT3-06	01/26/94	5	5	XYLENES (TOTAL) ,HIST	11.8	0.1000		MG/KG
TMC-HAEW4	01/13/94	4	4	BENZENE ,HIST	1.2	0.1000		MG/KG
TMC-HAEW4	01/13/94	4	4	ETHYLBENZENE ,HIST	0.7	0.1000		MG/KG

TABLE [redacted] SUPPORTING DATA FOR TOTAL VOC CONCENTRATIONS IN DEEP [redacted]

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
TMC-HAEW4	01/13/94	4	4	TOLUENE ,HIST	2.6	0.1000		MG/KG
TMC-HAEW4	01/13/94	4	4	TOTAL VOLATILE ORGANICS ,HIST	16.3	0.1000		MG/KG
TMC-HAEW4	01/13/94	4	4	XYLENES (TOTAL) ,HIST	3.2	0.1000		MG/KG
TMC-HOEW2	01/10/94	8	8	BENZENE ,HIST	0	0.1000	ND	MG/KG
TMC-HOEW2	01/10/94	8	8	ETHYLBENZENE ,HIST	1.4	0.1000		MG/KG
TMC-HOEW2	01/10/94	8	8	TOLUENE ,HIST	0.3	0.1000		MG/KG
TMC-HOEW2	01/10/94	8	8	TOTAL VOLATILE ORGANICS ,HIST	4.9	0.1000		MG/KG
TMC-HOEW2	01/10/94	8	8	XYLENES (TOTAL) ,HIST	2.6	0.1000		MG/KG
TMC-PTEW2	01/06/94	8.5	8.5	BENZENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTEW2	01/06/94	8.5	8.5	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTEW2	01/06/94	8.5	8.5	TOLUENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTEW2	01/06/94	8.5	8.5	TOTAL VOLATILE ORGANICS ,HIST	0	0.1000	ND	MG/KG
TMC-PTEW2	01/06/94	8.5	8.5	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
TMC-PTNW2	01/06/94	11.5	11.5	BENZENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTNW2	01/06/94	11.5	11.5	ETHYLBENZENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTNW2	01/06/94	11.5	11.5	TOLUENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTNW2	01/06/94	11.5	11.5	TOTAL VOLATILE ORGANICS ,HIST	0	0.1000	ND	MG/KG
TMC-PTNW2	01/06/94	11.5	11.5	XYLENES (TOTAL) ,HIST	0	0.1000	ND	MG/KG
TMC-PTWW3	01/06/94	9	9	BENZENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTWW3	01/06/94	9	9	ETHYLBENZENE ,HIST	2.7	0.1000		MG/KG
TMC-PTWW3	01/06/94	9	9	TOLUENE ,HIST	0	0.1000	ND	MG/KG
TMC-PTWW3	01/06/94	9	9	TOTAL VOLATILE ORGANICS ,HIST	2.7	0.1000		MG/KG
TMC-PTWW3	01/06/94	9	9	XYLENES (TOTAL) ,HIST	5.8	0.1000		MG/KG

TABLE E-11: SUMMARY OF DEEP SOIL TEST RESULTS FOR TOTAL SVOC
Sherwin-Williams Co
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-15	7/1/93	4.0000	4.0000	2,130,556.9	6,044,087.9	TOTAL SVOCS _HIST	48.4000	0.0000		MG/KG
AGI-SB-56	7/21/93	4.5000	4.5000	2,130,001.1	6,044,228.2	TOTAL SVOCS _HIST	0.2630	0.0000		MG/KG
AGI-SB-57	7/21/93	4.5000	4.5000	2,130,137.7	6,044,189.3	TOTAL SVOCS _HIST	0.2850	0.0000		MG/KG
GP-10	12/5/96	7.0000	7.5000	2,130,903.5	6,044,868.9	TOTAL SVOCS _SV	0.0000	3.2000	ND	MG/KG
GP-11	12/5/96	7.0000	7.5000	2,130,924.1	6,045,001.4	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
GP-12	12/5/96	7.0000	7.5000	2,130,917.0	6,044,970.7	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
GP-13	12/5/96	7.0000	7.5000	2,130,908.3	6,044,930.0	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
GP-14B	12/5/96	7.0000	7.5000	2,130,897.8	6,044,884.6	TOTAL SVOCS _SV	0.0000	8.0000	ND	MG/KG
GP-15	12/5/96	3.0000	3.5000	2,130,888.1	6,044,853.2	TOTAL SVOCS _SV	0.4200	0.0000		MG/KG
GP-6	12/5/96	3.0000	3.5000	2,130,942.1	6,045,016.5	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
GP-6B	12/5/96	7.0000	7.5000	2,130,937.8	6,045,006.4	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
GP-7	12/5/96	6.5000	7.0000	2,130,933.2	6,044,984.4	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
GP-8	12/5/96	7.0000	7.5000	2,130,923.7	6,044,947.0	TOTAL SVOCS _SV	0.0000	80.0000	ND	MG/KG
GP-9B	12/5/96	7.0000	7.5000	2,130,913.1	6,044,901.6	TOTAL SVOCS _SV	0.0000	1.6000	ND	MG/KG
HLA-EB-3	7/11/92	6.0000	6.0000	2,131,212.4	6,044,703.1	TOTAL SVOCS _HIST	1.6800	0.0000		MG/KG
LF-12	11/2/89	3.5000	4.0000	2,130,813.8	6,045,074.4	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
LF-13	10/31/89	4.5000	5.0000	2,130,531.7	6,045,245.9	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
LF-5	5/16/89	3.5000	4.0000	2,131,072.6	6,044,701.4	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
LF-6	5/16/89	3.5000	4.0000	2,131,006.1	6,044,715.6	TOTAL SVOCS _SV	0.8000	0.0000		MG/KG
LF-8	11/2/89	3.5000	4.0000	2,131,297.5	6,044,651.5	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
MYC-B-10	10/1/91	5.0000	5.0000	2,130,575.9	6,044,394.2	TOTAL SVOCS _HIST	0.6700	0.0000		MG/KG
MYC-B-3	10/1/90	5.0000	5.0000	2,130,857.5	6,044,344.0	TOTAL SVOCS _HIST	7.1600	0.0000		MG/KG
MYC-B-4	10/1/90	5.0000	5.0000	2,130,689.3	6,044,268.6	TOTAL SVOCS _HIST	11.7700	0.0000		MG/KG
MYC-B-7	10/1/90	7.0000	7.0000	2,130,972.0	6,044,112.1	TOTAL SVOCS _HIST	72.8100	0.0000		MG/KG
MYC-B-8	10/1/91	2.5000	2.5000	2,130,971.2	6,044,281.8	TOTAL SVOCS _HIST	1.2900	0.0000		MG/KG
MYC-B-9	10/1/91	4.0000	4.0000	2,131,049.4	6,044,384.5	TOTAL SVOCS _HIST	13.1200	0.0000		MG/KG
MYC-W-11	10/1/91	5.0000	5.0000	2,131,100.5	6,044,330.5	TOTAL SVOCS _HIST	3.0300	0.0000		MG/KG
MYC-W-12	10/1/91	5.0000	5.0000	2,130,801.5	6,044,375.9	TOTAL SVOCS _HIST	84.1000	0.0000		MG/KG
MYC-W-13	10/1/91	5.0000	5.0000	2,130,605.8	6,044,157.8	TOTAL SVOCS _HIST	171.9000	0.0000		MG/KG
MYC-W-4C	10/1/90	6.0000	6.0000	2,130,642.0	6,044,022.7	TOTAL SVOCS _HIST	58.7000	0.0000		MG/KG
MYC-W-5	10/1/90	5.0000	5.0000	2,130,903.3	6,044,028.7	TOTAL SVOCS _HIST	10.7300	0.0000		MG/KG
MYC-W-6	10/1/90	5.0000	5.0000	2,131,043.6	6,044,018.3	TOTAL SVOCS _HIST	6.9700	0.0000		MG/KG
SB-11	5/16/89	3.5000	4.0000	2,131,044.9	6,044,692.0	TOTAL SVOCS _SV	0.5000	0.0000		MG/KG
SB-13	5/17/89	3.5000	4.0000	2,131,146.3	6,044,691.4	TOTAL SVOCS _SV	1.1000	0.0000		MG/KG
SB-14	5/17/89	3.5000	4.0000	2,131,107.1	6,044,701.2	TOTAL SVOCS _SV	0.3000	0.0000		MG/KG
SB-15	5/17/89	3.5000	4.0000	2,131,107.0	6,044,663.4	TOTAL SVOCS _SV	0.6000	0.0000		MG/KG
SB-16	10/26/89	3.5000	4.0000	2,130,945.6	6,044,772.0	TOTAL SVOCS _SV	0.1000	0.0000		MG/KG

TABLE E-11: SUMMARY OF DEEP SOIL TEST RESULTS FOR TOTAL SVOC
Sherwin-Williams Co
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-17	10/26/89	3.5000	4.0000	2,131,038.3	6,044,748.3	TOTAL SVOCS _SV	1.8000	0.0000		MG/KG
SB-18	10/26/89	3.5000	4.0000	2,131,120.6	6,044,738.1	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
SB-22	10/26/89	3.5000	4.0000	2,130,705.4	6,044,880.6	TOTAL SVOCS _SV	0.7000	0.0000		MG/KG
SB-23	10/26/89	3.5000	4.0000	2,130,637.2	6,044,909.0	TOTAL SVOCS _SV	6.8000	0.0000		MG/KG
SB-26	11/2/89	3.5000	4.0000	2,131,185.5	6,044,655.2	TOTAL SVOCS _SV	0.0000	0.1000	ND	MG/KG
SB-41	6/28/90	6.0000	6.5000	2,130,621.4	6,044,948.9	TOTAL SVOCS _SV	1.5000	0.0000		MG/KG
SB-42	6/28/90	6.0000	6.5000	2,130,590.0	6,044,957.1	TOTAL SVOCS _SV	2.9000	0.0000		MG/KG
SB-45	6/28/90	6.0000	6.5000	2,130,642.8	6,044,945.1	TOTAL SVOCS _SV	7.1000	0.0000		MG/KG
SB-46	6/28/90	6.0000	6.5000	2,130,599.2	6,044,992.2	TOTAL SVOCS _SV	7.4000	0.0000		MG/KG
SB-47	6/28/90	6.0000	6.5000	2,130,554.1	6,044,965.9	TOTAL SVOCS _SV	0.9900	0.0000		MG/KG
SB-48	6/28/90	6.0000	6.5000	2,130,545.5	6,044,935.6	TOTAL SVOCS _SV	0.2600	0.0000		MG/KG
SB-7AB	5/18/89	3.5000	4.0000	2,130,988.5	6,044,689.5	TOTAL SVOCS _SV	1.0000	0.0000		MG/KG
SB-8AB	5/16/89	3.5000	4.0000	2,131,010.1	6,044,664.7	TOTAL SVOCS _SV	0.0000	0.2000	ND	MG/KG
SB-9	5/16/89	3.5000	4.0000	2,131,017.1	6,044,692.1	TOTAL SVOCS _SV	0.5000	0.0000		MG/KG
SW-1AC	7/14/88	3.5000	4.0000	2,130,658.3	6,044,880.3	TOTAL SVOCS _SV	16.7000	0.0000		MG/KG
SW-2BD	7/14/88	3.5000	4.0000	2,130,644.4	6,044,903.0	TOTAL SVOCS _SV	11.0000	0.0000		MG/KG
SW-4AB	7/14/88	3.5000	4.0000	2,131,135.3	6,044,667.1	TOTAL SVOCS _SV	7.0000	0.0000		MG/KG
SW-5	7/14/88	3.5000	4.0000	2,131,003.6	6,044,699.3	TOTAL SVOCS _SV	5.5000	0.0000		MG/KG
SW-6	7/14/88	3.5000	4.0000	2,130,965.0	6,044,712.3	TOTAL SVOCS _SV	2.3000	0.0000		MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
AGI-MW-15	7/1/93	4	4	TOTAL SVOCS ,HIST	48.4			MG/KG
AGI-SB-56	7/21/93	4.5	4.5	TOTAL SVOCS ,HIST	0.263			MG/KG
AGI-SB-57	7/21/93	4.5	4.5	TOTAL SVOCS ,HIST	0.285			MG/KG
GP-10	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	2-NITROANILINE ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	1.3	ND	MG/KG
GP-10	12/5/96	7	7.5	3-NITROANILINE ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	1.3	ND	MG/KG
GP-10	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	4-NITROANILINE ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	ANTHRACENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZIDINE ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BENZOIC ACID ,SV	0	3.2	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-10	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	1.3	ND	MG/KG
GP-10	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	CHRYSENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	FLUORANTHENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	FLUORENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	ISOPHORONE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	NAPHTHALENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	NITROBENZENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	3.2	ND	MG/KG
GP-10	12/5/96	7	7.5	PHENANTHRENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	PHENOL ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	PYRENE ,SV	0	0.66	ND	MG/KG
GP-10	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	3.2	ND	MG/KG
GP-11	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-11	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-11	12/5/96	7	7.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-11	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-11	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-11	12/5/96	7	7.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-11	12/5/96	7	7.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-11	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-12	12/5/96	7	7.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-12	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-12	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-12	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-12	12/5/96	7	7.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-12	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-13	12/5/96	7	7.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-13	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-13	12/5/96	7	7.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-13	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-13	12/5/96	7	7.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-13	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
GP-14B	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	8	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-14B	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	2-NITROANILINE ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	3.3	ND	MG/KG
GP-14B	12/5/96	7	7.5	3-NITROANILINE ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	3.3	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-NITROANILINE ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	ANTHRACENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZIDINE ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZOIC ACID ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	3.3	ND	MG/KG
GP-14B	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	CHRYSENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	1.7	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-14B	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	FLUORANTHENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	FLUORENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	ISOPHORONE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	NAPHTHALENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	NITROBENZENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	8	ND	MG/KG
GP-14B	12/5/96	7	7.5	PHENANTHRENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	PHENOL ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	PYRENE ,SV	0	1.7	ND	MG/KG
GP-14B	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	8	ND	MG/KG
GP-15	12/5/96	3	3.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-15	12/5/96	3	3.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-15	12/5/96	3	3.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-15	12/5/96	3	3.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	4-METHYLPHENOL ,SV	0.42	0.33		MG/KG
GP-15	12/5/96	3	3.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-15	12/5/96	3	3.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-15	12/5/96	3	3.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-15	12/5/96	3	3.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-15	12/5/96	3	3.5	TOTAL SVOCS ,SV	0.42	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-6	12/5/96	3	3.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-6	12/5/96	3	3.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-6	12/5/96	3	3.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-6	12/5/96	3	3.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-6	12/5/96	3	3.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-6	12/5/96	3	3.5	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-6B	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-6B	12/5/96	7	7.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-6B	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-6B	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-6B	12/5/96	7	7.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-6B	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-7	12/5/96	6.5	7	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-7	12/5/96	6.5	7	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-7	12/5/96	6.5	7	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-7	12/5/96	6.5	7	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	NAPHTHALENE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-7	12/5/96	6.5	7	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-7	12/5/96	6.5	7	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	PHENOL ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	PYRENE ,SV	0	0.33	ND	MG/KG
GP-7	12/5/96	6.5	7	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
GP-8	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	2-NITROANILINE ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	33	ND	MG/KG
GP-8	12/5/96	7	7.5	3-NITROANILINE ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	33	ND	MG/KG
GP-8	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	4-NITROANILINE ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	ANTHRACENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZIDINE ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	17	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-8	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZOIC ACID ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	33	ND	MG/KG
GP-8	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	CHRYSENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	FLUORANTHENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	FLUORENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	ISOPHORONE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	NAPHTHALENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	NITROBENZENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	80	ND	MG/KG
GP-8	12/5/96	7	7.5	PHENANTHRENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	PHENOL ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	PYRENE ,SV	0	17	ND	MG/KG
GP-8	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	80	ND	MG/KG
GP-9B	12/5/96	7	7.5	1,2,4-TRICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	1,2-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	1,3-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	1,4-DICHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2,4,5-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2,4,6-TRICHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2,4-DICHLOROPHENOL ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-9B	12/5/96	7	7.5	2,4-DIMETHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2,4-DINITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	2,4-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2,6-DINITROTOLUENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2-CHLORONAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2-CHLOROPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2-METHYLNAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	2-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	2-NITROPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	3,3'-DICHLOROBENZIDINE ,SV	0	0.66	ND	MG/KG
GP-9B	12/5/96	7	7.5	3-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	4,6-DINITRO-2-METHYLPHENOL ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-BROMOPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-CHLORO-3-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-CHLOROANILINE ,SV	0	0.66	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-CHLOROPHENYL-PHENYLETHER ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-METHYLPHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-NITROANILINE ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	4-NITROPHENOL ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	ACENAPHTHENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	ACENAPHTHYLENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZIDINE ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZO(A)ANTHRACENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZO(A)PYRENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZO(B)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZO(G,H,I)PERYLENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZO(K)FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZOIC ACID ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	BENZYL ALCOHOL ,SV	0	0.66	ND	MG/KG
GP-9B	12/5/96	7	7.5	BIS(2-CHLOROETHOXY)METHANE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BIS(2-CHLOROETHYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BIS(2-CHLOROISOPROPYL)ETHER ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	BUTYLBENZYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	CHRYSENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	DI-N-BUTYLPHTHALATE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	DI-N-OCTYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	DIBENZO(A,H)ANTHRACENE ,SV	0	0.33	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
GP-9B	12/5/96	7	7.5	DIBENZOFURAN ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	DIETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	DIMETHYL PHTHALATE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	FLUORANTHENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	FLUORENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	HEXACHLOROBENZENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	HEXACHLOROBUTADIENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	HEXACHLOROCYCLOPENTADIENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	HEXACHLOROETHANE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	INDENO(1,2,3-CD)PYRENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	ISOPHORONE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	N-NITROSO-DI-N-PROPYLAMINE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	N-NITROSODIPHENYLAMINE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	NAPHTHALENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	NITROBENZENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	PENTACHLOROPHENOL ,SV	0	1.6	ND	MG/KG
GP-9B	12/5/96	7	7.5	PHENANTHRENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	PHENOL ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	PYRENE ,SV	0	0.33	ND	MG/KG
GP-9B	12/5/96	7	7.5	TOTAL SVOCS ,SV	0	1.6	ND	MG/KG
HLA-EB-3	7/11/92	6	6	BENZYL ALCOHOL ,HIST	0.33			MG/KG
HLA-EB-3	7/11/92	6	6	FLUORENE ,HIST	0.06			MG/KG
HLA-EB-3	7/11/92	6	6	ISOPHORONE ,HIST	1.2			MG/KG
HLA-EB-3	7/11/92	6	6	NAPHTHALENE ,HIST	0.09			MG/KG
HLA-EB-3	7/11/92	6	6	TOTAL SVOCS ,HIST	1.68			MG/KG
LF-12	11/2/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-12	11/2/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-12	11/2/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
LF-12	11/2/89	3.5	4	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
LF-13	10/31/89	4.5	5	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-13	10/31/89	4.5	5	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-13	10/31/89	4.5	5	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
LF-13	10/31/89	4.5	5	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
LF-5	5/16/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-5	5/16/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-5	5/16/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
LF-5	5/16/89	3.5	4	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
LF-6	5/16/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-6	5/16/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-6	5/16/89	3.5	4	NAPHTHALENE ,SV	0.8			MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
LF-6	5/16/89	3.5	4	TOTAL SVOCS ,SV	0.8			MG/KG
LF-8	11/2/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-8	11/2/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
LF-8	11/2/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
LF-8	11/2/89	3.5	4	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
MYC-B-10	10/1/91	5	5	FLUORANTHENE ,HIST	0.21			MG/KG
MYC-B-10	10/1/91	5	5	PHENANTHRENE ,HIST	0.18			MG/KG
MYC-B-10	10/1/91	5	5	PYRENE ,HIST	0.28			MG/KG
MYC-B-10	10/1/91	5	5	TOTAL SVOCS ,HIST	0.67			MG/KG
MYC-B-3	10/1/90	5	5	1,2-DICHLOROBENZENE ,HIST	1.7			MG/KG
MYC-B-3	10/1/90	5	5	ANTHRACENE ,HIST	0.8			MG/KG
MYC-B-3	10/1/90	5	5	BENZO(B)FLUORANTHENE ,HIST	0.29			MG/KG
MYC-B-3	10/1/90	5	5	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	2.4			MG/KG
MYC-B-3	10/1/90	5	5	BUTYLBENZYLPHTHALATE ,HIST	0.84			MG/KG
MYC-B-3	10/1/90	5	5	DI-N-BUTYLPHTHALATE ,HIST	0.18			MG/KG
MYC-B-3	10/1/90	5	5	FLUORANTHENE ,HIST	0.22			MG/KG
MYC-B-3	10/1/90	5	5	PHENANTHRENE ,HIST	0.21			MG/KG
MYC-B-3	10/1/90	5	5	PYRENE ,HIST	0.52			MG/KG
MYC-B-3	10/1/90	5	5	TOTAL SVOCS ,HIST	7.16			MG/KG
MYC-B-4	10/1/90	5	5	2-METHYLNAPHTHALENE ,HIST	0.72			MG/KG
MYC-B-4	10/1/90	5	5	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	1.1			MG/KG
MYC-B-4	10/1/90	5	5	CHRYSENE ,HIST	0.51			MG/KG
MYC-B-4	10/1/90	5	5	FLUORANTHENE ,HIST	0.58			MG/KG
MYC-B-4	10/1/90	5	5	NAPHTHALENE ,HIST	1			MG/KG
MYC-B-4	10/1/90	5	5	PHENANTHRENE ,HIST	0.86			MG/KG
MYC-B-4	10/1/90	5	5	PHENOL ,HIST	6			MG/KG
MYC-B-4	10/1/90	5	5	PYRENE ,HIST	1			MG/KG
MYC-B-4	10/1/90	5	5	TOTAL SVOCS ,HIST	11.77			MG/KG
MYC-B-7	10/1/90	7	7	2-METHYLPHENOL ,HIST	25			MG/KG
MYC-B-7	10/1/90	7	7	BIS(2-ETHYLHEXYL)PHTHALATE ,HIST	35			MG/KG
MYC-B-7	10/1/90	7	7	BUTYLBENZYLPHTHALATE ,HIST	4.9			MG/KG
MYC-B-7	10/1/90	7	7	DI-N-BUTYLPHTHALATE ,HIST	2.2			MG/KG
MYC-B-7	10/1/90	7	7	DI-N-OCTYL PHTHALATE ,HIST	3			MG/KG
MYC-B-7	10/1/90	7	7	DIMETHYL PHTHALATE ,HIST	0.43			MG/KG
MYC-B-7	10/1/90	7	7	ISOPHORONE ,HIST	0.8			MG/KG
MYC-B-7	10/1/90	7	7	PHENOL ,HIST	0.9			MG/KG
MYC-B-7	10/1/90	7	7	PYRENE ,HIST	0.58			MG/KG
MYC-B-7	10/1/90	7	7	TOTAL SVOCS ,HIST	72.81			MG/KG
MYC-B-8	10/1/91	2.5	2.5	FLUORANTHENE ,HIST	0.61			MG/KG
MYC-B-8	10/1/91	2.5	2.5	PHENANTHRENE ,HIST	0.68			MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-B-8	10/1/91	2.5	2.5	TOTAL SVOCS ,HIST	1.29			MG/KG
MYC-B-9	10/1/91	4	4	ACENAPHTHENE ,HIST	0.3			MG/KG
MYC-B-9	10/1/91	4	4	ANTHRACENE ,HIST	1.3			MG/KG
MYC-B-9	10/1/91	4	4	BENZO(A)ANTHRACENE ,HIST	1.3			MG/KG
MYC-B-9	10/1/91	4	4	BENZO(A)PYRENE ,HIST	0.97			MG/KG
MYC-B-9	10/1/91	4	4	BENZO(G,H,I)PERYLENE ,HIST	0.45			MG/KG
MYC-B-9	10/1/91	4	4	DIBENZOFURAN ,HIST	0.38			MG/KG
MYC-B-9	10/1/91	4	4	FLUORANTHENE ,HIST	2.4			MG/KG
MYC-B-9	10/1/91	4	4	FLUORENE ,HIST	0.67			MG/KG
MYC-B-9	10/1/91	4	4	INDENO(1,2,3-CD)PYRENE ,HIST	0.45			MG/KG
MYC-B-9	10/1/91	4	4	PHENANTHRENE ,HIST	2.8			MG/KG
MYC-B-9	10/1/91	4	4	PYRENE ,HIST	2.1			MG/KG
MYC-B-9	10/1/91	4	4	TOTAL SVOCS ,HIST	13.12			MG/KG
MYC-W-11	10/1/91	5	5	BENZO(A)ANTHRACENE ,HIST	0.19			MG/KG
MYC-W-11	10/1/91	5	5	BENZO(A)PYRENE ,HIST	0.27			MG/KG
MYC-W-11	10/1/91	5	5	BENZO(B)FLUORANTHENE ,HIST	0.36			MG/KG
MYC-W-11	10/1/91	5	5	BENZO(G,H,I)PERYLENE ,HIST	0.21			MG/KG
MYC-W-11	10/1/91	5	5	CHRYSENE ,HIST	0.22			MG/KG
MYC-W-11	10/1/91	5	5	FLUORANTHENE ,HIST	0.61			MG/KG
MYC-W-11	10/1/91	5	5	INDENO(1,2,3-CD)PYRENE ,HIST	0.17			MG/KG
MYC-W-11	10/1/91	5	5	PHENANTHRENE ,HIST	0.42			MG/KG
MYC-W-11	10/1/91	5	5	PYRENE ,HIST	0.58			MG/KG
MYC-W-11	10/1/91	5	5	TOTAL SVOCS ,HIST	3.03			MG/KG
MYC-W-12	10/1/91	5	5	2-METHYLNAPHTHALENE ,HIST	4.3			MG/KG
MYC-W-12	10/1/91	5	5	BENZO(B)FLUORANTHENE ,HIST	4.6			MG/KG
MYC-W-12	10/1/91	5	5	BUTYLBENZYLPHTHALATE ,HIST	8.3			MG/KG
MYC-W-12	10/1/91	5	5	CHRYSENE ,HIST	4.7			MG/KG
MYC-W-12	10/1/91	5	5	DI-N-BUTYLPHTHALATE ,HIST	34			MG/KG
MYC-W-12	10/1/91	5	5	FLUORANTHENE ,HIST	6.1			MG/KG
MYC-W-12	10/1/91	5	5	NAPHTHALENE ,HIST	7.4			MG/KG
MYC-W-12	10/1/91	5	5	PHENANTHRENE ,HIST	7.5			MG/KG
MYC-W-12	10/1/91	5	5	PYRENE ,HIST	7.2			MG/KG
MYC-W-12	10/1/91	5	5	TOTAL SVOCS ,HIST	84.1			MG/KG
MYC-W-13	10/1/91	5	5	1,2,4-TRICHLOROBENZENE ,HIST	37			MG/KG
MYC-W-13	10/1/91	5	5	2-METHYLNAPHTHALENE ,HIST	15			MG/KG
MYC-W-13	10/1/91	5	5	ACENAPHTHENE ,HIST	7.4			MG/KG
MYC-W-13	10/1/91	5	5	ANTHRACENE ,HIST	19			MG/KG
MYC-W-13	10/1/91	5	5	BENZO(A)ANTHRACENE ,HIST	2.4			MG/KG
MYC-W-13	10/1/91	5	5	BENZO(B)FLUORANTHENE ,HIST	1.9			MG/KG
MYC-W-13	10/1/91	5	5	CHRYSENE ,HIST	3			MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
MYC-W-13	10/1/91	5	5	DIBENZOFURAN ,HIST	4.6			MG/KG
MYC-W-13	10/1/91	5	5	FLUORANTHENE ,HIST	11			MG/KG
MYC-W-13	10/1/91	5	5	FLUORENE ,HIST	9.5			MG/KG
MYC-W-13	10/1/91	5	5	NAPHTHALENE ,HIST	20			MG/KG
MYC-W-13	10/1/91	5	5	PHENANTHRENE ,HIST	25			MG/KG
MYC-W-13	10/1/91	5	5	PHENOL ,HIST	7.8			MG/KG
MYC-W-13	10/1/91	5	5	PYRENE ,HIST	8.3			MG/KG
MYC-W-13	10/1/91	5	5	TOTAL SVOCS ,HIST	171.9			MG/KG
MYC-W-4C	10/1/90	6	6	2-METHYLNAPHTHALENE ,HIST	8.3			MG/KG
MYC-W-4C	10/1/90	6	6	ANTHRACENE ,HIST	7.1			MG/KG
MYC-W-4C	10/1/90	6	6	CHRYSENE ,HIST	4.3			MG/KG
MYC-W-4C	10/1/90	6	6	FLUORANTHENE ,HIST	4.4			MG/KG
MYC-W-4C	10/1/90	6	6	FLUORENE ,HIST	4.3			MG/KG
MYC-W-4C	10/1/90	6	6	NAPHTHALENE ,HIST	8			MG/KG
MYC-W-4C	10/1/90	6	6	PHENANTHRENE ,HIST	17			MG/KG
MYC-W-4C	10/1/90	6	6	PYRENE ,HIST	5.3			MG/KG
MYC-W-4C	10/1/90	6	6	TOTAL SVOCS ,HIST	58.7			MG/KG
MYC-W-5	10/1/90	5	5	2-METHYLNAPHTHALENE ,HIST	6.8			MG/KG
MYC-W-5	10/1/90	5	5	ACENAPHTHENE ,HIST	0.44			MG/KG
MYC-W-5	10/1/90	5	5	ANTHRACENE ,HIST	0.41			MG/KG
MYC-W-5	10/1/90	5	5	DIBENZOFURAN ,HIST	0.54			MG/KG
MYC-W-5	10/1/90	5	5	FLUORENE ,HIST	0.53			MG/KG
MYC-W-5	10/1/90	5	5	PHENANTHRENE ,HIST	1.7			MG/KG
MYC-W-5	10/1/90	5	5	PHENOL ,HIST	0.31			MG/KG
MYC-W-5	10/1/90	5	5	TOTAL SVOCS ,HIST	10.73			MG/KG
MYC-W-6	10/1/90	5	5	2-METHYLNAPHTHALENE ,HIST	4			MG/KG
MYC-W-6	10/1/90	5	5	DIBENZOFURAN ,HIST	0.39			MG/KG
MYC-W-6	10/1/90	5	5	FLUORENE ,HIST	0.49			MG/KG
MYC-W-6	10/1/90	5	5	PHENANTHRENE ,HIST	1.7			MG/KG
MYC-W-6	10/1/90	5	5	PYRENE ,HIST	0.39			MG/KG
MYC-W-6	10/1/90	5	5	TOTAL SVOCS ,HIST	6.97			MG/KG
SB-11	5/16/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-11	5/16/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-11	5/16/89	3.5	4	NAPHTHALENE ,SV	0.5			MG/KG
SB-11	5/16/89	3.5	4	TOTAL SVOCS ,SV	0.5			MG/KG
SB-13	5/17/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-13	5/17/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-13	5/17/89	3.5	4	NAPHTHALENE ,SV	1.1			MG/KG
SB-13	5/17/89	3.5	4	TOTAL SVOCS ,SV	1.1			MG/KG
SB-14	5/17/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-14	5/17/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-14	5/17/89	3.5	4	NAPHTHALENE ,SV	0.3			MG/KG
SB-14	5/17/89	3.5	4	TOTAL SVOCS ,SV	0.3			MG/KG
SB-15	5/17/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-15	5/17/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-15	5/17/89	3.5	4	NAPHTHALENE ,SV	0.6			MG/KG
SB-15	5/17/89	3.5	4	TOTAL SVOCS ,SV	0.6			MG/KG
SB-16	10/26/89	3.5	4	2,4-DIMETHYLPHENOL ,SV	0.1			MG/KG
SB-16	10/26/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-16	10/26/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-16	10/26/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-16	10/26/89	3.5	4	TOTAL SVOCS ,SV	0.1			MG/KG
SB-17	10/26/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-17	10/26/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-17	10/26/89	3.5	4	NAPHTHALENE ,SV	1.8			MG/KG
SB-17	10/26/89	3.5	4	TOTAL SVOCS ,SV	1.8			MG/KG
SB-18	10/26/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-18	10/26/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-18	10/26/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-18	10/26/89	3.5	4	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
SB-22	10/26/89	3.5	4	2-METHYLNAPHTHALENE ,SV	0.7			MG/KG
SB-22	10/26/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-22	10/26/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-22	10/26/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-22	10/26/89	3.5	4	TOTAL SVOCS ,SV	0.7			MG/KG
SB-23	10/26/89	3.5	4	2-METHYLNAPHTHALENE ,SV	6.6			MG/KG
SB-23	10/26/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-23	10/26/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-23	10/26/89	3.5	4	FLUORENE ,SV	0.2			MG/KG
SB-23	10/26/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-23	10/26/89	3.5	4	TOTAL SVOCS ,SV	6.8			MG/KG
SB-26	11/2/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-26	11/2/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-26	11/2/89	3.5	4	NAPHTHALENE ,SV	0	0.1	ND	MG/KG
SB-26	11/2/89	3.5	4	TOTAL SVOCS ,SV	0	0.1	ND	MG/KG
SB-41	6/28/90	6	6.5	2-METHYLNAPHTHALENE ,SV	1.5			MG/KG
SB-41	6/28/90	6	6.5	2-METHYLPHENOL ,SV	0	0.07	ND	MG/KG
SB-41	6/28/90	6	6.5	4-METHYLPHENOL ,SV	0	0.07	ND	MG/KG
SB-41	6/28/90	6	6.5	NAPHTHALENE ,SV	0	0.07	ND	MG/KG
SB-41	6/28/90	6	6.5	TOTAL SVOCS ,SV	1.5			MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SB-42	6/28/90	6	6.5	2-METHYLNAPHTHALENE ,SV	2.3			MG/KG
SB-42	6/28/90	6	6.5	2-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-42	6/28/90	6	6.5	4-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-42	6/28/90	6	6.5	NAPHTHALENE ,SV	0.6			MG/KG
SB-42	6/28/90	6	6.5	TOTAL SVOCS ,SV	2.9			MG/KG
SB-45	6/28/90	6	6.5	2-METHYLNAPHTHALENE ,SV	3.7			MG/KG
SB-45	6/28/90	6	6.5	2-METHYLPHENOL ,SV	0	0.07	ND	MG/KG
SB-45	6/28/90	6	6.5	4-METHYLPHENOL ,SV	0	0.07	ND	MG/KG
SB-45	6/28/90	6	6.5	FLUORENE ,SV	0.1			MG/KG
SB-45	6/28/90	6	6.5	NAPHTHALENE ,SV	3.2			MG/KG
SB-45	6/28/90	6	6.5	TOTAL SVOCS ,SV	7.1			MG/KG
SB-46	6/28/90	6	6.5	2-METHYLNAPHTHALENE ,SV	1.7			MG/KG
SB-46	6/28/90	6	6.5	2-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-46	6/28/90	6	6.5	4-CHLOROANILINE ,SV	0.2			MG/KG
SB-46	6/28/90	6	6.5	4-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-46	6/28/90	6	6.5	NAPHTHALENE ,SV	5.5			MG/KG
SB-46	6/28/90	6	6.5	TOTAL SVOCS ,SV	7.4			MG/KG
SB-47	6/28/90	6	6.5	2-METHYLNAPHTHALENE ,SV	0.9			MG/KG
SB-47	6/28/90	6	6.5	2-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-47	6/28/90	6	6.5	4-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-47	6/28/90	6	6.5	NAPHTHALENE ,SV	0.09			MG/KG
SB-47	6/28/90	6	6.5	TOTAL SVOCS ,SV	0.99			MG/KG
SB-48	6/28/90	6	6.5	2-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-48	6/28/90	6	6.5	4-METHYLPHENOL ,SV	0	0.03	ND	MG/KG
SB-48	6/28/90	6	6.5	NAPHTHALENE ,SV	0.26			MG/KG
SB-48	6/28/90	6	6.5	TOTAL SVOCS ,SV	0.26			MG/KG
SB-7AB	5/18/89	3.5	4	2-METHYLPHENOL ,SV	0	0.5	ND	MG/KG
SB-7AB	5/18/89	3.5	4	4-METHYLPHENOL ,SV	0	0.5	ND	MG/KG
SB-7AB	5/18/89	3.5	4	NAPHTHALENE ,SV	1			MG/KG
SB-7AB	5/18/89	3.5	4	TOTAL SVOCS ,SV	1			MG/KG
SB-8AB	5/16/89	3.5	4	2-METHYLPHENOL ,SV	0	0.2	ND	MG/KG
SB-8AB	5/16/89	3.5	4	4-METHYLPHENOL ,SV	0	0.2	ND	MG/KG
SB-8AB	5/16/89	3.5	4	NAPHTHALENE ,SV	0	0.2	ND	MG/KG
SB-8AB	5/16/89	3.5	4	TOTAL SVOCS ,SV	0	0.2	ND	MG/KG
SB-9	5/16/89	3.5	4	2-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-9	5/16/89	3.5	4	4-METHYLPHENOL ,SV	0	0.1	ND	MG/KG
SB-9	5/16/89	3.5	4	NAPHTHALENE ,SV	0.5			MG/KG
SB-9	5/16/89	3.5	4	TOTAL SVOCS ,SV	0.5			MG/KG
SW-1AC	7/14/88	3.5	4	2-METHYLNAPHTHALENE ,SV	4.3			MG/KG
SW-1AC	7/14/88	3.5	4	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG

TABLE E-12: SUPPORTING DATA FOR TOTAL SVOC CONCENTRATION IN DEEP SOILS
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	BEG DEPTH	END DEPTH	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS
SW-1AC	7/14/88	3.5	4	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-1AC	7/14/88	3.5	4	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	1.4			MG/KG
SW-1AC	7/14/88	3.5	4	NAPHTHALENE ,SV	11			MG/KG
SW-1AC	7/14/88	3.5	4	TOTAL SVOCS ,SV	16.7			MG/KG
SW-2BD	7/14/88	3.5	4	2-METHYLNAPHTHALENE ,SV	3.1			MG/KG
SW-2BD	7/14/88	3.5	4	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-2BD	7/14/88	3.5	4	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-2BD	7/14/88	3.5	4	NAPHTHALENE ,SV	7.9			MG/KG
SW-2BD	7/14/88	3.5	4	TOTAL SVOCS ,SV	11			MG/KG
SW-4AB	7/14/88	3.5	4	2,4-DIMETHYLPHENOL ,SV	5.2			MG/KG
SW-4AB	7/14/88	3.5	4	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-4AB	7/14/88	3.5	4	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-4AB	7/14/88	3.5	4	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	0.8			MG/KG
SW-4AB	7/14/88	3.5	4	NAPHTHALENE ,SV	1			MG/KG
SW-4AB	7/14/88	3.5	4	TOTAL SVOCS ,SV	7			MG/KG
SW-5	7/14/88	3.5	4	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-5	7/14/88	3.5	4	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-5	7/14/88	3.5	4	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	4.2			MG/KG
SW-5	7/14/88	3.5	4	NAPHTHALENE ,SV	1.3			MG/KG
SW-5	7/14/88	3.5	4	TOTAL SVOCS ,SV	5.5			MG/KG
SW-6	7/14/88	3.5	4	2-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-6	7/14/88	3.5	4	4-METHYLPHENOL ,SV	0	0.3	ND	MG/KG
SW-6	7/14/88	3.5	4	BIS(2-ETHYLHEXYL)PHTHALATE ,SV	1.7			MG/KG
SW-6	7/14/88	3.5	4	DI-N-BUTYLPHTHALATE ,SV	0.6			MG/KG
SW-6	7/14/88	3.5	4	NAPHTHALENE ,SV	0	0.3	ND	MG/KG
SW-6	7/14/88	3.5	4	TOTAL SVOCS ,SV	2.3			MG/KG

TABLE E-13: SUMMARY OF GROUNDWATER TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION_F	GW ZONE
AGI-MW-10	2/1/94	2,129,787.5	6,044,350.0	ARSENIC _HIST	0.0100	0.0000		MG/L	0.0	A
AGI-MW-15	7/11/95	2,130,556.9	6,044,087.9	ARSENIC _ICP	0.1900	0.0000		MG/L	0.0	A
AGI-MW-5	2/1/94	2,130,465.3	6,044,016.1	ARSENIC _HIST	0.0080	0.0000		MG/L	0.0	A
AGI-MW-6	7/11/95	2,130,444.1	6,044,242.3	ARSENIC _ICP	0.0120	0.0000		MG/L	0.0	A
AGI-MW-7	7/11/95	2,130,522.1	6,044,161.3	ARSENIC _ICP	0.0240	0.0000		MG/L	0.0	A
AGI-MW-8	2/1/94	2,130,513.6	6,044,391.8	ARSENIC _HIST	0.0110	0.0000		MG/L	0.0	A
AGI-MW-9	2/1/94	2,129,998.5	6,044,376.6	ARSENIC _HIST	0.0050	0.0000		MG/L	0.0	A
BCS-BC-1	7/11/95	2,130,566.4	6,044,073.8	ARSENIC _ICP	7.1000	0.0000		MG/L	0.0	A
BCS-BC-10	7/11/95	2,130,561.0	6,044,202.2	ARSENIC _ICP	1.8000	0.0000		MG/L	0.0	A
BCS-BC-11	7/11/95	2,130,562.3	6,044,221.8	ARSENIC _ICP	0.1500	0.0000		MG/L	0.0	A
BCS-BC-12	7/11/95	2,130,552.2	6,044,236.0	ARSENIC _ICP	0.0820	0.0000		MG/L	0.0	A
BCS-BC-13	7/11/95	2,130,552.2	6,044,264.4	ARSENIC _ICP	0.0340	0.0000		MG/L	0.0	A
BCS-BC-14	7/11/95	2,130,554.9	6,044,294.8	ARSENIC _ICP	0.2000	0.0000		MG/L	0.0	A
BCS-BC-3	7/11/95	2,130,562.3	6,044,098.2	ARSENIC _ICP	0.1500	0.0000		MG/L	0.0	A
BCS-BC-4	7/11/95	2,130,566.4	6,044,109.6	ARSENIC _ICP	2.7000	0.0000		MG/L	0.0	A
BCS-BC-5	7/11/95	2,130,566.4	6,044,124.5	ARSENIC _ICP	0.9400	0.0000		MG/L	0.0	A
BCS-BC-6	7/11/95	2,130,564.3	6,044,134.0	ARSENIC _ICP	0.7000	0.0000		MG/L	0.0	A
BCS-BC-7	7/11/95	2,130,563.7	6,044,142.7	ARSENIC _ICP	1.9000	0.0000		MG/L	0.0	A
BCS-BC-8	7/11/95	2,130,563.0	6,044,155.6	ARSENIC _ICP	0.6400	0.0000		MG/L	0.0	A
BCS-BC-9	7/11/95	2,130,563.7	6,044,175.2	ARSENIC _ICP	1.1000	0.0000		MG/L	0.0	A
BCS-P-1	7/11/95	2,130,552.8	6,044,251.5	ARSENIC _ICP	0.2100	0.0000		MG/L	0.0	A
BCS-P-2	7/11/95	2,130,515.0	6,044,365.7	ARSENIC _ICP	0.1400	0.0000		MG/L	0.0	A
EKI-4525-7	7/19/93	2,130,904.7	6,044,851.0	ARSENIC _HIST	3.1000	0.0000		MG/L	0.0	A
EKI-4525-8	7/19/93	2,130,918.7	6,044,960.1	ARSENIC _HIST	2.8000	0.0000		MG/L	0.0	A
EKI-4543-A	7/14/93	2,131,152.9	6,044,775.0	ARSENIC _HIST	0.0100	0.0000		MG/L	0.0	A
EKI-4543-B	7/14/93	2,131,039.1	6,044,795.4	ARSENIC _HIST	3.5000	0.0000		MG/L	0.0	A
EKI-4543-C	7/14/93	2,130,989.0	6,044,946.1	ARSENIC _HIST	0.0500	0.0000		MG/L	0.0	A
EKI-4563-A	7/15/93	2,131,290.0	6,044,754.6	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
EKI-CH-10	11/12/96	2,130,866.9	6,044,824.4	ARSENIC _ICP	310.0000	0.0000		MG/L	0.0	A
EKI-CH-5	11/12/96	2,130,882.4	6,044,929.4	ARSENIC _ICP	650.0000	0.0000		MG/L	0.0	A
EKI-CH-6	11/12/96	2,130,889.2	6,044,907.8	ARSENIC _ICP	6.0000	0.0000		MG/L	0.0	A
EKI-CH-9	11/12/96	2,130,855.3	6,044,853.1	ARSENIC _ICP	820.0000	0.0000		MG/L	0.0	A
EKI-HP2	7/15/93	2,131,000.1	6,045,016.6	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
EKI-HP3	7/16/93	2,131,191.9	6,044,947.4	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A

TABLE E-13: SUMMARY OF GROUNDWATER TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION_F	GW ZONE
EKI-HP4	7/16/93	2,131,375.4	6,044,895.6	ARSENIC _HIST	0.0100	0.0000		MG/L	0.0	A
EKI-HP5	7/16/93	2,131,501.7	6,044,858.6	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
EX-1	4/9/98	2,131,120.3	6,044,687.2	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
EX-2	4/9/98	2,130,919.5	6,044,751.9	ARSENIC _AA	51.8000	5.0000		MG/L	1000.0	A
EX-3	4/9/98	2,130,765.5	6,044,938.0	ARSENIC _AA	141.0000	20.0000		MG/L	4000.0	A
HAR-HCPT-7	6/17/97	2,131,347.2	6,044,140.0	ARSENIC _ICP	0.0000	0.0050	ND	MG/L	0.0	A
HAR-HCPT10	6/18/97	2,131,153.8	6,044,071.5	ARSENIC _ICP	0.0210	0.0000		MG/L	0.0	A
HAR-RW-29	6/17/97	2,131,395.9	6,044,073.4	ARSENIC _ICP	0.0240	0.0000		MG/L	0.0	A
LF-1	6/9/93	2,130,856.9	6,045,021.0	ARSENIC _UNK	39.8000	0.0000		MG/L	0.0	A
LF-10	2/27/98	2,130,905.8	6,044,609.2	ARSENIC _AA	0.7700	0.0050		MG/L	0.0	A
LF-11	4/10/98	2,130,655.5	6,044,621.9	ARSENIC _AA	2.9000	0.5000		MG/L	100.0	A
LF-12	4/8/98	2,130,813.8	6,045,074.4	ARSENIC _AA	0.0140	0.0050		MG/L	1.0	A
LF-13	4/7/98	2,130,531.7	6,045,245.9	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
LF-14	6/9/93	2,131,188.4	6,044,414.4	ARSENIC _UNK	0.1020	0.0000		MG/L	0.0	A
LF-15	6/9/93	2,131,023.6	6,044,412.9	ARSENIC _UNK	0.0000	0.0100	ND	MG/L	0.0	A
LF-16	6/9/93	2,130,859.6	6,044,413.9	ARSENIC _UNK	0.0000	0.0100	ND	MG/L	0.0	A
LF-17	4/10/98	2,130,678.1	6,044,875.1	ARSENIC _AA	80.9000	10.0000		MG/L	2000.0	A
LF-18	4/8/98	2,131,305.0	6,044,649.9	ARSENIC _AA	0.0066	0.0050		MG/L	1.0	A
LF-19	4/8/98	2,131,035.5	6,044,776.4	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
LF-2	7/20/90	2,130,669.0	6,044,897.8	ARSENIC _UNK	110.0000	0.0000		MG/L	0.0	A
LF-20	4/9/98	2,131,216.8	6,044,566.8	ARSENIC _AA	0.0750	0.0100		MG/L	2.0	A
LF-21	4/9/98	2,130,895.8	6,044,580.3	ARSENIC _AA	0.3600	0.0500		MG/L	10.0	A
LF-22	4/10/98	2,130,802.3	6,045,037.8	ARSENIC _AA	147.0000	20.0000		MG/L	4000.0	A
LF-23	4/8/98	2,130,909.2	6,044,412.7	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
LF-24	4/8/98	2,131,066.9	6,044,411.4	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
LF-25	4/8/98	2,131,226.2	6,044,404.5	ARSENIC _AA	0.0550	0.0050		MG/L	1.0	A
LF-26	4/9/98	2,131,201.5	6,044,580.5	ARSENIC _AA	0.0370	0.0050		MG/L	1.0	A
LF-27	4/8/98	2,130,944.8	6,045,049.9	ARSENIC _AA	0.0097	0.0050		MG/L	1.0	A
LF-28	4/8/98	2,131,102.3	6,045,004.5	ARSENIC _AA	0.1900	0.0250		MG/L	5.0	A
LF-29	4/7/98	2,131,300.7	6,044,950.3	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
LF-3	4/10/98	2,130,690.5	6,044,850.9	ARSENIC _AA	25.7000	5.0000		MG/L	1000.0	A
LF-30	4/7/98	2,131,450.7	6,044,909.4	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
LF-4	4/9/98	2,131,028.5	6,044,641.1	ARSENIC _AA	0.7300	0.1000		MG/L	20.0	A
LF-5	6/9/93	2,131,072.6	6,044,701.4	ARSENIC _UNK	0.0283	0.0000		MG/L	0.0	A

TABLE E-13: SUMMARY OF GROUNDWATER TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION_F	GW ZONE
LF-6	7/20/90	2,131,006.1	6,044,715.6	ARSENIC _UNK	14.0000	0.0000		MG/L	0.0	A
LF-7	2/27/98	2,131,046.3	6,044,769.0	ARSENIC _AA	0.0200	0.0050		MG/L	0.0	A
LF-8	4/8/98	2,131,297.5	6,044,651.5	ARSENIC _AA	0.0260	0.0100		MG/L	2.0	A
LF-9	6/9/93	2,131,184.5	6,044,577.4	ARSENIC _UNK	0.1580	0.0000		MG/L	0.0	A
MW-1	4/8/98	2,131,286.5	6,044,923.0	ARSENIC _AA	0.0280	0.0050		MG/L	1.0	A
MW-2	4/8/98	2,131,331.7	6,044,910.6	ARSENIC _AA	0.0220	0.0100		MG/L	2.0	A
MW-3	4/7/98	2,131,039.6	6,044,993.0	ARSENIC _AA	0.0180	0.0050		MG/L	1.0	A
MW-4	4/10/98	2,130,914.8	6,044,948.4	ARSENIC _AA	19.0000	2.5000		MG/L	500.0	A
MW-5	4/10/98	2,130,907.2	6,044,876.4	ARSENIC _AA	208.0000	25.0000		MG/L	5000.0	A
MYC-W-1	10/1/90	2,130,596.1	6,044,386.5	ARSENIC _HIST	0.1000	0.0000		MG/L	0.0	A
MYC-W-5	10/1/90	2,130,903.3	6,044,028.7	ARSENIC _HIST	0.0500	0.0000		MG/L	0.0	A
RP-1	4/7/98	2,131,007.1	6,044,966.6	ARSENIC _AA	0.0390	0.0050		MG/L	1.0	A
RP-2	4/7/98	2,131,073.6	6,044,929.0	ARSENIC _AA	0.0110	0.0050		MG/L	1.0	A
RP-3	4/7/98	2,131,009.4	6,044,887.4	ARSENIC _AA	0.0000	0.0050	ND	MG/L	1.0	A
RP-4	4/7/98	2,131,111.7	6,044,857.0	ARSENIC _AA	0.0061	0.0050		MG/L	1.0	A
RP-5	4/7/98	2,131,096.5	6,044,803.3	ARSENIC _AA	0.0058	0.0050		MG/L	1.0	A
SB-1	4/5/94	2,131,023.2	6,044,897.6	ARSENIC _AA	0.0180	0.0020		MG/L	0.0	A
SB-2-RFP	4/5/94	2,131,041.9	6,044,848.5	ARSENIC _AA	0.1100	0.0020		MG/L	0.0	A
SB-3	4/5/94	2,131,085.3	6,044,790.8	ARSENIC _AA	0.0150	0.0020		MG/L	0.0	A
SB-4	4/5/94	2,131,037.7	6,044,964.4	ARSENIC _AA	0.2000	0.0020		MG/L	0.0	A
SB-5	4/5/94	2,130,988.9	6,044,958.2	ARSENIC _AA	0.0520	0.0020		MG/L	0.0	A
SB-6	4/4/94	2,130,917.9	6,044,874.6	ARSENIC _AA	0.0300	0.0020		MG/L	0.0	A
SB-7	4/4/94	2,130,939.7	6,044,831.5	ARSENIC _AA	0.1800	0.0020		MG/L	0.0	A
SB-8	4/5/94	2,130,878.0	6,044,874.7	ARSENIC _AA	430.0000	0.0020		MG/L	0.0	A
SBGR-1	11/7/93	2,131,423.4	6,045,171.9	ARSENIC _HIST	0.0430	0.0000		MG/L	0.0	A
SBGR-10	11/9/93	2,131,063.9	6,045,122.4	ARSENIC _HIST	0.0059	0.0000		MG/L	0.0	A
SBGR-15	11/9/93	2,131,543.0	6,045,060.8	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SBGR-3	11/6/93	2,131,372.2	6,044,958.3	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SBGR-4	11/7/93	2,131,356.1	6,045,201.3	ARSENIC _HIST	0.0380	0.0000		MG/L	0.0	A
SBGR-5	11/8/93	2,131,221.1	6,045,243.3	ARSENIC _HIST	0.1100	0.0000		MG/L	0.0	A
SBGR-6	11/9/93	2,131,137.6	6,045,301.8	ARSENIC _HIST	0.0091	0.0000		MG/L	0.0	A
SBGR-8	11/9/93	2,131,194.9	6,045,093.8	ARSENIC _HIST	0.0610	0.0000		MG/L	0.0	A
SBGR-9	11/8/93	2,131,036.5	6,045,081.3	ARSENIC _HIST	0.0320	0.0000		MG/L	0.0	A
SBGR-CPT20	10/27/93	2,131,235.4	6,045,130.1	ARSENIC _HIST	0.0510	0.0000		MG/L	0.0	A

TABLE E-13: SUMMARY OF GROUNDWATER TEST RESULTS FOR ARSENIC
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION_F	GW ZONE
SBGR-CPT22	10/28/93	2,131,219.7	6,045,300.5	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SBGR-CPT27	10/26/93	2,130,951.2	6,045,191.5	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SBGR-CPT28	11/3/93	2,130,969.5	6,045,239.7	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SBGR-CPT29	10/25/93	2,130,965.8	6,045,366.6	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SBGR-CPT30	10/25/93	2,130,890.7	6,045,388.2	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A
SW-1	7/6/94	2,130,859.3	6,044,869.2	ARSENIC _AA	740.0000	0.0020		MG/L	0.0	A
SW-2	7/6/94	2,130,867.2	6,044,907.5	ARSENIC _AA	450.0000	0.0020		MG/L	0.0	A
SW-3	7/6/94	2,130,880.0	6,044,982.9	ARSENIC _AA	700.0000	0.0020		MG/L	0.0	A
SW-4	7/6/94	2,130,872.5	6,044,945.7	ARSENIC _AA	140.0000	0.0020		MG/L	0.0	A
TCK-SW-1	11/3/93	2,131,355.8	6,044,611.5	ARSENIC _AA	0.0040	0.0020		MG/L	0.0	
TCK-SW-2	11/3/93	2,131,317.5	6,044,565.8	ARSENIC _AA	0.0020	0.0020		MG/L	0.0	
TCK-SW-3	11/3/93	2,131,311.6	6,044,552.7	ARSENIC _AA	0.0060	0.0020		MG/L	0.0	
TCK-SW-4	11/3/93	2,131,267.1	6,044,397.5	ARSENIC _AA	0.0000	0.0020	ND	MG/L	0.0	
TMC-MW-1	7/15/93	2,131,283.4	6,044,923.3	ARSENIC _HIST	0.0000	0.0050	ND	MG/L	0.0	A

TABLE E-14: SUMMARY OF GROUNDWATER TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION
AGI-MW-15	7/11/95	2,130,556.9	6,044,087.9	LEAD _ICP	0.2700	0.0000		MG/L	0.0
AGI-MW-5	2/1/94	2,130,465.3	6,044,016.1	LEAD _HIST	0.0050	0.0000		MG/L	0.0
AGI-MW-6	7/11/95	2,130,444.1	6,044,242.3	LEAD _ICP	0.0430	0.0000		MG/L	0.0
AGI-MW-7	7/11/95	2,130,522.1	6,044,161.3	LEAD _ICP	0.0250	0.0000		MG/L	0.0
BCS-BC-1	7/11/95	2,130,566.4	6,044,073.8	LEAD _ICP	1.5000	0.0000		MG/L	0.0
BCS-BC-10	7/11/95	2,130,561.0	6,044,202.2	LEAD _ICP	7.0000	0.0000		MG/L	0.0
BCS-BC-11	7/11/95	2,130,562.3	6,044,221.8	LEAD _ICP	1.1000	0.0000		MG/L	0.0
BCS-BC-12	7/11/95	2,130,552.2	6,044,236.0	LEAD _ICP	0.3000	0.0000		MG/L	0.0
BCS-BC-13	7/11/95	2,130,552.2	6,044,264.4	LEAD _ICP	0.0330	0.0000		MG/L	0.0
BCS-BC-14	7/11/95	2,130,554.9	6,044,294.8	LEAD _ICP	0.2200	0.0000		MG/L	0.0
BCS-BC-3	7/11/95	2,130,562.3	6,044,098.2	LEAD _ICP	4.3000	0.0000		MG/L	0.0
BCS-BC-4	7/11/95	2,130,566.4	6,044,109.6	LEAD _ICP	1.3000	0.0000		MG/L	0.0
BCS-BC-5	7/11/95	2,130,566.4	6,044,124.5	LEAD _ICP	1.4000	0.0000		MG/L	0.0
BCS-BC-6	7/11/95	2,130,564.3	6,044,134.0	LEAD _ICP	3.1000	0.0000		MG/L	0.0
BCS-BC-7	7/11/95	2,130,563.7	6,044,142.7	LEAD _ICP	7.9000	0.0000		MG/L	0.0
BCS-BC-8	7/11/95	2,130,563.0	6,044,155.6	LEAD _ICP	1.1000	0.0000		MG/L	0.0
BCS-BC-9	7/11/95	2,130,563.7	6,044,175.2	LEAD _ICP	1.0000	0.0000		MG/L	0.0
BCS-P-1	7/11/95	2,130,552.8	6,044,251.5	LEAD _ICP	2.8000	0.0000		MG/L	0.0
BCS-P-2	7/11/95	2,130,515.0	6,044,365.7	LEAD _ICP	0.7100	0.0000		MG/L	0.0
EKI-4525-7	7/19/93	2,130,904.7	6,044,851.0	LEAD _HIST	0.0100	0.0000		MG/L	0.0
EKI-4525-8	7/19/93	2,130,918.7	6,044,960.1	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
EKI-4543-A	7/14/93	2,131,152.9	6,044,775.0	LEAD _HIST	0.0200	0.0000		MG/L	0.0
EKI-4543-B	7/14/93	2,131,039.1	6,044,795.4	LEAD _HIST	0.0080	0.0000		MG/L	0.0
EKI-4543-C	7/14/93	2,130,989.0	6,044,946.1	LEAD _HIST	0.0900	0.0000		MG/L	0.0
EKI-4563-A	7/15/93	2,131,290.0	6,044,754.6	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
EKI-CH-10	11/12/96	2,130,866.9	6,044,824.4	LEAD _ICP	0.0000	0.1000	ND	MG/L	0.0
EKI-CH-5	11/12/96	2,130,882.4	6,044,929.4	LEAD _ICP	0.0000	0.1000	ND	MG/L	0.0
EKI-CH-6	11/12/96	2,130,889.2	6,044,907.8	LEAD _ICP	0.0000	0.1000	ND	MG/L	0.0
EKI-CH-9	11/12/96	2,130,855.3	6,044,853.1	LEAD _ICP	0.0000	0.1000	ND	MG/L	0.0
EKI-HP1	7/13/93	2,130,928.2	6,045,040.4	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
EKI-HP2	7/15/93	2,131,000.1	6,045,016.6	LEAD _HIST	0.0060	0.0000		MG/L	0.0
EKI-HP3	7/16/93	2,131,191.9	6,044,947.4	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
EKI-HP4	7/16/93	2,131,375.4	6,044,895.6	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0

TABLE E-14: SUMMARY OF GROUNDWATER TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION
EKI-HP5	7/16/93	2,131,501.7	6,044,858.6	LEAD _HIST	0.0400	0.0000		MG/L	0.0
EX-1	4/18/96	2,131,120.3	6,044,687.2	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
EX-2	4/18/96	2,130,919.5	6,044,751.9	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
EX-3	4/18/96	2,130,765.5	6,044,938.0	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
HAR-HCPT-7	6/17/97	2,131,347.2	6,044,140.0	LEAD _ICP	0.0000	0.0050	ND	MG/L	0.0
HAR-HCPT10	6/18/97	2,131,153.8	6,044,071.5	LEAD _ICP	0.0110	0.0000		MG/L	0.0
HAR-RW-29	6/17/97	2,131,395.9	6,044,073.4	LEAD _ICP	0.0000	0.0050	ND	MG/L	0.0
LF-1	6/9/93	2,130,856.9	6,045,021.0	LEAD _UNK	0.0039	0.0000		MG/L	0.0
LF-10	1/6/94	2,130,905.8	6,044,609.2	LEAD _AA	0.0000	0.0010	ND	MG/L	0.0
LF-11	4/16/96	2,130,655.5	6,044,621.9	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-12	4/16/96	2,130,813.8	6,045,074.4	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-13	4/16/96	2,130,531.7	6,045,245.9	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-14	6/9/93	2,131,188.4	6,044,414.4	LEAD _UNK	0.0000	0.0030	ND	MG/L	0.0
LF-15	6/9/93	2,131,023.6	6,044,412.9	LEAD _UNK	0.0000	0.0030	ND	MG/L	0.0
LF-16	6/9/93	2,130,859.6	6,044,413.9	LEAD _UNK	0.0000	0.0030	ND	MG/L	0.0
LF-18	4/11/96	2,131,305.0	6,044,649.9	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-2	7/20/90	2,130,669.0	6,044,897.8	LEAD _UNK	0.0000	0.2000	ND	MG/L	0.0
LF-20	4/11/96	2,131,216.8	6,044,566.8	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-21	4/10/96	2,130,895.8	6,044,580.3	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-23	4/10/96	2,130,909.2	6,044,412.7	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-24	4/11/96	2,131,066.9	6,044,411.4	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-25	4/11/96	2,131,226.2	6,044,404.5	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-3	4/16/96	2,130,690.5	6,044,850.9	LEAD _AA	0.0000	0.0020	ND	MG/L	0.0
LF-4	6/9/93	2,131,028.5	6,044,641.1	LEAD _UNK	0.0000	0.0030	ND	MG/L	0.0
LF-5	6/9/93	2,131,072.6	6,044,701.4	LEAD _UNK	0.0000	0.0030	ND	MG/L	0.0
LF-6	7/20/90	2,131,006.1	6,044,715.6	LEAD _UNK	0.0000	0.2000	ND	MG/L	0.0
LF-7	1/6/94	2,131,046.3	6,044,769.0	LEAD _AA	0.0010	0.0010		MG/L	0.0
LF-8	1/6/94	2,131,297.5	6,044,651.5	LEAD _AA	0.0000	0.0010	ND	MG/L	0.0
LF-9	6/9/93	2,131,184.5	6,044,577.4	LEAD _UNK	0.0000	0.0030	ND	MG/L	0.0
MW-1	6/8/95	2,131,286.5	6,044,923.0	LEAD _HIST	0.0200	0.0000		MG/L	0.0
MW-2	6/8/95	2,131,331.7	6,044,910.6	LEAD _HIST	0.0300	0.0000		MG/L	0.0
MW-3	6/8/95	2,131,039.6	6,044,993.0	LEAD _HIST	0.0100	0.0000		MG/L	0.0
MW-4	11/19/96	2,130,914.8	6,044,948.4	LEAD _ICP	0.0000	0.0400	ND	MG/L	0.0

TABLE E-14: SUMMARY OF GROUNDWATER TEST RESULTS FOR LEAD
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION
MW-5	11/19/96	2,130,907.2	6,044,876.4	LEAD _ICP	0.0700	0.0400		MG/L	0.0
MYC-W-13	4/1/93	2,130,605.8	6,044,157.8	LEAD_ SOLUBLE _HIST	0.7300	0.0000		MG/L	0.0
MYC-W-15	1/1/94	2,130,596.3	6,044,115.0	LEAD_ SOLUBLE _HIST	0.9700	0.0000		MG/L	0.0
MYC-W-17	7/1/93	2,130,602.2	6,044,236.1	LEAD_ SOLUBLE _HIST	0.0350	0.0000		MG/L	0.0
MYC-W-4	10/1/90	2,130,597.7	6,044,030.1	LEAD _HIST	0.0900	0.0000		MG/L	0.0
RP-1	3/29/95	2,131,007.1	6,044,966.6	LEAD _ICP	0.0000	0.0400	ND	MG/L	0.0
RP-2	3/29/95	2,131,073.6	6,044,929.0	LEAD _ICP	0.0000	0.0400	ND	MG/L	0.0
RP-3	3/29/95	2,131,009.4	6,044,887.4	LEAD _ICP	0.0000	0.0400	ND	MG/L	0.0
RP-4	3/29/95	2,131,111.7	6,044,857.0	LEAD _ICP	0.1500	0.0400		MG/L	0.0
RP-5	3/29/95	2,131,096.5	6,044,803.3	LEAD _ICP	0.0000	0.0400	ND	MG/L	0.0
SBGR-1	11/7/93	2,131,423.4	6,045,171.9	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-10	11/9/93	2,131,063.9	6,045,122.4	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-15	11/9/93	2,131,543.0	6,045,060.8	LEAD _HIST	0.0081	0.0000		MG/L	0.0
SBGR-3	11/6/93	2,131,372.2	6,044,958.3	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-4	11/7/93	2,131,356.1	6,045,201.3	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-5	11/8/93	2,131,221.1	6,045,243.3	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-6	11/9/93	2,131,137.6	6,045,301.8	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-8	11/9/93	2,131,194.9	6,045,093.8	LEAD _HIST	0.0210	0.0000		MG/L	0.0
SBGR-9	11/8/93	2,131,036.5	6,045,081.3	LEAD _HIST	0.0200	0.0000		MG/L	0.0
SBGR-CPT20	10/27/93	2,131,235.4	6,045,130.1	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-CPT22	10/28/93	2,131,219.7	6,045,300.5	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-CPT27	10/26/93	2,130,951.2	6,045,191.5	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-CPT28	11/3/93	2,130,969.5	6,045,239.7	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-CPT29	10/25/93	2,130,965.8	6,045,366.6	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
SBGR-CPT30	10/25/93	2,130,890.7	6,045,388.2	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0
TCK-SW-1	11/3/93	2,131,355.8	6,044,611.5	LEAD _AA	0.0090	0.0030		MG/L	0.0
TCK-SW-2	11/3/93	2,131,317.5	6,044,565.8	LEAD _AA	0.0110	0.0030		MG/L	0.0
TCK-SW-3	11/3/93	2,131,311.6	6,044,552.7	LEAD _AA	0.0090	0.0030		MG/L	0.0
TCK-SW-4	11/3/93	2,131,267.1	6,044,397.5	LEAD _AA	0.0090	0.0030		MG/L	0.0
TMC-MW-1	7/15/93	2,131,283.4	6,044,923.3	LEAD _HIST	0.0000	0.0050	ND	MG/L	0.0

TABLE E-15: SUMMARY OF GROUNDWATER TEST RESULTS FOR TOLUENE

Sherwin-Williams Co.
1450 Sherwin Avenue.
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
AGI-MW-15	2/1/94	2,130,556.9	6,044,087.9	TOLUENE _HIST	0.0560	0.0000		MG/L	0.0	A
EKI-4525-6	7/19/93	2,130,940.5	6,044,917.7	TOLUENE _HIST	0.8800	0.0000		MG/L	0.0	A
EKI-4525-7	7/19/93	2,130,904.7	6,044,851.0	TOLUENE _HIST	1.4000	0.0000		MG/L	0.0	A
EKI-4525-8	7/19/93	2,130,918.7	6,044,960.1	TOLUENE _HIST	0.0030	0.0000		MG/L	0.0	A
EKI-4543-A	7/14/93	2,131,152.9	6,044,775.0	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-B	7/14/93	2,131,039.1	6,044,795.4	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-C	7/14/93	2,130,989.0	6,044,946.1	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4563-A	7/15/93	2,131,290.0	6,044,754.6	TOLUENE _HIST	0.0000	0.0100	ND	MG/L	0.0	A
EKI-HP1	7/13/93	2,130,928.2	6,045,040.4	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-HP2	7/15/93	2,131,000.1	6,045,016.6	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-HP3	7/16/93	2,131,191.9	6,044,947.4	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-HP4	7/16/93	2,131,375.4	6,044,895.6	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-HP5	7/16/93	2,131,501.7	6,044,858.6	TOLUENE _HIST	0.0000	0.0050	ND	MG/L	0.0	A
EX-1	4/9/98	2,131,120.3	6,044,687.2	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
EX-2	4/9/98	2,130,919.5	6,044,751.9	TOLUENE _VOL	8.1000	1.0000		MG/L	1000.0	A
EX-3	4/9/98	2,130,765.5	6,044,938.0	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-1	6/9/93	2,130,856.9	6,045,021.0	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-10	2/27/98	2,130,905.8	6,044,609.2	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	0.0	A
LF-11	4/10/98	2,130,655.5	6,044,621.9	TOLUENE _VOL	0.0000	0.0100	ND	MG/L	10.0	A
LF-12	4/8/98	2,130,813.8	6,045,074.4	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-13	4/7/98	2,130,531.7	6,045,245.9	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-14	6/9/93	2,131,188.4	6,044,414.4	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-15	6/9/93	2,131,023.6	6,044,412.9	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-16	6/9/93	2,130,859.6	6,044,413.9	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-17	4/10/98	2,130,678.1	6,044,875.1	TOLUENE _VOL	0.0000	0.0100	ND	MG/L	10.0	A
LF-18	4/8/98	2,131,305.0	6,044,649.9	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-19	4/8/98	2,131,035.5	6,044,776.4	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-2	7/20/90	2,130,669.0	6,044,897.8	TOLUENE _VOL	0.0510	0.0000		MG/L	0.0	A
LF-20	4/9/98	2,131,216.8	6,044,566.8	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-21	4/9/98	2,130,895.8	6,044,580.3	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-22	4/10/98	2,130,802.3	6,045,037.8	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-23	4/8/98	2,130,909.2	6,044,412.7	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-24	4/8/98	2,131,066.9	6,044,411.4	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A

TABLE E-15: SUMMARY OF GROUNDWATER TEST RESULTS FOR TOLUENE
Sherwin-Williams Co.
1450 Sherwin Avenue.
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
LF-25	4/8/98	2,131,226.2	6,044,404.5	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-26	4/9/98	2,131,201.5	6,044,580.5	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-27	4/8/98	2,130,944.8	6,045,049.9	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-28	4/8/98	2,131,102.3	6,045,004.5	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-29	4/7/98	2,131,300.7	6,044,950.3	TOLUENE _VOL	0.0000	0.0100	ND	MG/L	10.0	A
LF-3	4/10/98	2,130,690.5	6,044,850.9	TOLUENE _VOL	17.0000	0.5000	J4	MG/L	500.0	A
LF-30	4/7/98	2,131,450.7	6,044,909.4	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-4	4/9/98	2,131,028.5	6,044,641.1	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-5	6/9/93	2,131,072.6	6,044,701.4	TOLUENE _VOL	83.0000	0.0000		MG/L	0.0	A
LF-6	7/20/90	2,131,006.1	6,044,715.6	TOLUENE _VOL	45.0000	0.0000		MG/L	0.0	A
LF-7	2/27/98	2,131,046.3	6,044,769.0	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	0.0	A
LF-8	4/8/98	2,131,297.5	6,044,651.5	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-9	6/9/93	2,131,184.5	6,044,577.4	TOLUENE _VOL	0.0050	0.0000		MG/L	0.0	A
MW-1	4/8/98	2,131,286.5	6,044,923.0	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	5.0	A
MW-2	4/8/98	2,131,331.7	6,044,910.6	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
MW-3	4/7/98	2,131,039.6	6,044,993.0	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
MW-4	4/10/98	2,130,914.8	6,044,948.4	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
MW-5	4/10/98	2,130,907.2	6,044,876.4	TOLUENE _VOL	94.0000	10.0000	J4	MG/L	10000.0	A
MYC-W-13	1/1/94	2,130,605.8	6,044,157.8	TOLUENE _HIST	0.8000	0.0000		MG/L	0.0	A
MYC-W-15	1/1/95	2,130,596.3	6,044,115.0	TOLUENE _HIST	0.0200	0.0000		MG/L	0.0	A
MYC-W-2	10/1/90	2,130,819.9	6,044,315.1	TOLUENE _HIST	0.0086	0.0000		MG/L	0.0	A
RP-1	4/7/98	2,131,007.1	6,044,966.6	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-2	4/7/98	2,131,073.6	6,044,929.0	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-3	4/7/98	2,131,009.4	6,044,887.4	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-4	4/7/98	2,131,111.7	6,044,857.0	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-5	4/7/98	2,131,096.5	6,044,803.3	TOLUENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
SB-1	4/5/94	2,131,023.2	6,044,897.6	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-2-RFP	4/5/94	2,131,041.9	6,044,848.5	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-3	4/5/94	2,131,085.3	6,044,790.8	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-4	4/5/94	2,131,037.7	6,044,964.4	TOLUENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-5	4/5/94	2,130,988.9	6,044,958.2	TOLUENE _VOL	0.2400	0.0300		MG/L	0.0	A
SB-6	4/4/94	2,130,917.9	6,044,874.6	TOLUENE _VOL	0.0700	0.0050		MG/L	0.0	A
SB-7	4/4/94	2,130,939.7	6,044,831.5	TOLUENE _VOL	0.2800	0.0300		MG/L	0.0	A

TABLE E-15: SUMMARY OF GROUNDWATER TEST RESULTS FOR TOLUENE
Sherwin-Williams Co.
1450 Sherwin Avenue.
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
SB-8	4/5/94	2,130,878.0	6,044,874.7	TOLUENE _VOL	210.0000	10.0000		MG/L	0.0	A
SBGR-1	11/7/93	2,131,423.4	6,045,171.9	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-10	11/9/93	2,131,063.9	6,045,122.4	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-15	11/9/93	2,131,543.0	6,045,060.8	TOLUENE _HIST	0.0000	0.0130	ND	MG/L	0.0	A
SBGR-3	11/6/93	2,131,372.2	6,044,958.3	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-4	11/7/93	2,131,356.1	6,045,201.3	TOLUENE _HIST	0.0000	0.0670	ND	MG/L	0.0	A
SBGR-5	11/8/93	2,131,221.1	6,045,243.3	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-6	11/9/93	2,131,137.6	6,045,301.8	TOLUENE _HIST	0.0110	0.0000		MG/L	0.0	A
SBGR-8	11/9/93	2,131,194.9	6,045,093.8	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-9	11/8/93	2,131,036.5	6,045,081.3	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT20	10/27/93	2,131,235.4	6,045,130.1	TOLUENE _HIST	0.0370	0.0000		MG/L	0.0	A
SBGR-CPT22	10/28/93	2,131,219.7	6,045,300.5	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT27	10/26/93	2,130,951.2	6,045,191.5	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT28	11/3/93	2,130,969.5	6,045,239.7	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT29	10/25/93	2,130,965.8	6,045,366.6	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT30	10/25/93	2,130,890.7	6,045,388.2	TOLUENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-MW-1	7/10/87	2,130,971.0	6,045,252.7	TOLUENE _HIST	0.1700	0.0000		MG/L	0.0	A
SW-1	7/6/94	2,130,859.3	6,044,869.2	TOLUENE _VOL	190.0000	10.0000		MG/L	0.0	A
SW-2	7/6/94	2,130,867.2	6,044,907.5	TOLUENE _VOL	260.0000	10.0000		MG/L	0.0	A
SW-3	7/6/94	2,130,880.0	6,044,982.9	TOLUENE _VOL	0.3200	0.0300		MG/L	0.0	A
SW-4	7/6/94	2,130,872.5	6,044,945.7	TOLUENE _VOL	0.0630	0.0050		MG/L	0.0	A
TMC-MW-1	1/10/94	2,131,283.4	6,044,923.3	TOLUENE _HIST	0.0000	0.0005	ND	MG/L	0.0	A
TMC-OB-1	12/15/94	2,131,298.5	6,044,917.6	TOLUENE _HIST	0.0930	0.0004		MG/L	0.0	A
TMC-OB-2	12/15/94	2,131,273.1	6,044,925.0	TOLUENE _HIST	0.0120	0.0005		MG/L	0.0	A

TABLE E-16: SUMMARY OF GROUNDWATER TEST RESULTS FOR BENZENE

Sherwin-Williams Co.

1450 Sherwin Avenue

Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
AGI-MW-15	2/1/94	2,130,556.9	6,044,087.9	BENZENE _HIST	0.0099	0.0000		MG/L	0.0	A
EKI-4525-6	7/19/93	2,130,940.5	6,044,917.7	BENZENE _HIST	0.0600	0.0000		MG/L	0.0	A
EKI-4525-7	7/19/93	2,130,904.7	6,044,851.0	BENZENE _HIST	0.0000	0.0600	ND	MG/L	0.0	A
EKI-4525-8	7/19/93	2,130,918.7	6,044,960.1	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-A	7/14/93	2,131,152.9	6,044,775.0	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-B	7/14/93	2,131,039.1	6,044,795.4	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-C	7/14/93	2,130,989.0	6,044,946.1	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4563-A	7/15/93	2,131,290.0	6,044,754.6	BENZENE _HIST	0.0000	0.0100	ND	MG/L	0.0	A
EKI-HP1	7/13/93	2,130,928.2	6,045,040.4	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-HP2	7/15/93	2,131,000.1	6,045,016.6	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-HP3	7/16/93	2,131,191.9	6,044,947.4	BENZENE _HIST	0.0070	0.0000		MG/L	0.0	A
EKI-HP4	7/16/93	2,131,375.4	6,044,895.6	BENZENE _HIST	0.0100	0.0000		MG/L	0.0	A
EKI-HP5	7/16/93	2,131,501.7	6,044,858.6	BENZENE _HIST	0.0000	0.0050	ND	MG/L	0.0	A
EX-1	4/9/98	2,131,120.3	6,044,687.2	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
EX-2	4/9/98	2,130,919.5	6,044,751.9	BENZENE _VOL	0.0000	0.0500	ND	MG/L	50.0	A
EX-3	4/9/98	2,130,765.5	6,044,938.0	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-1	6/9/93	2,130,856.9	6,045,021.0	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-10	2/27/98	2,130,905.8	6,044,609.2	BENZENE _VOL	0.0110	0.0010		MG/L	0.0	A
LF-11	4/10/98	2,130,655.5	6,044,621.9	BENZENE _VOL	0.0000	0.0100	ND	MG/L	10.0	A
LF-12	4/8/98	2,130,813.8	6,045,074.4	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-13	4/7/98	2,130,531.7	6,045,245.9	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-14	6/9/93	2,131,188.4	6,044,414.4	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-15	6/9/93	2,131,023.6	6,044,412.9	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-16	6/9/93	2,130,859.6	6,044,413.9	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-17	4/10/98	2,130,678.1	6,044,875.1	BENZENE _VOL	0.0520	0.0100		MG/L	10.0	A
LF-18	4/8/98	2,131,305.0	6,044,649.9	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-19	4/8/98	2,131,035.5	6,044,776.4	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-2	7/20/90	2,130,669.0	6,044,897.8	BENZENE _VOL	0.0000	0.0500	ND	MG/L	0.0	A
LF-20	4/9/98	2,131,216.8	6,044,566.8	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-21	4/9/98	2,130,895.8	6,044,580.3	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-22	4/10/98	2,130,802.3	6,045,037.8	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-23	4/8/98	2,130,909.2	6,044,412.7	BENZENE _VOL	0.0020	0.0010		MG/L	1.0	A
LF-24	4/8/98	2,131,066.9	6,044,411.4	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-25	4/8/98	2,131,226.2	6,044,404.5	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-26	4/9/98	2,131,201.5	6,044,580.5	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A

TABLE E-16: SUMMARY OF GROUNDWATER TEST RESULTS FOR BENZENE
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
LF-27	4/8/98	2,130,944.8	6,045,049.9	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-28	4/8/98	2,131,102.3	6,045,004.5	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-29	4/7/98	2,131,300.7	6,044,950.3	BENZENE _VOL	0.0190	0.0100		MG/L	10.0	A
LF-3	4/10/98	2,130,690.5	6,044,850.9	BENZENE _VOL	0.0000	0.5000	ND	MG/L	500.0	A
LF-30	4/7/98	2,131,450.7	6,044,909.4	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-4	4/9/98	2,131,028.5	6,044,641.1	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-5	6/9/93	2,131,072.6	6,044,701.4	BENZENE _VOL	0.0000	2.5000	ND	MG/L	0.0	A
LF-6	7/20/90	2,131,006.1	6,044,715.6	BENZENE _VOL	0.0000	1.0000	ND	MG/L	0.0	A
LF-7	2/27/98	2,131,046.3	6,044,769.0	BENZENE _VOL	0.0000	0.0010	ND	MG/L	0.0	A
LF-8	4/8/98	2,131,297.5	6,044,651.5	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-9	6/9/93	2,131,184.5	6,044,577.4	BENZENE _VOL	0.0050	0.0000		MG/L	0.0	A
MW-1	4/8/98	2,131,286.5	6,044,923.0	BENZENE _VOL	0.0530	0.0050		MG/L	5.0	A
MW-2	4/8/98	2,131,331.7	6,044,910.6	BENZENE _VOL	0.0160	0.0010		MG/L	1.0	A
MW-3	4/7/98	2,131,039.6	6,044,993.0	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
MW-4	4/10/98	2,130,914.8	6,044,948.4	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
MW-5	4/10/98	2,130,907.2	6,044,876.4	BENZENE _VOL	0.0000	10.0000	ND	MG/L	10000.0	A
MYC-H-3	5/1/93	2,130,905.5	6,043,987.3	BENZENE _HIST	47.0000	0.0000		MG/L	0.0	A
MYC-W-12	1/1/94	2,130,801.5	6,044,375.9	BENZENE _HIST	0.0015	0.0000		MG/L	0.0	A
MYC-W-15	1/1/95	2,130,596.3	6,044,115.0	BENZENE _HIST	0.0080	0.0000		MG/L	0.0	A
MYC-W-4	7/1/93	2,130,597.7	6,044,030.1	BENZENE _HIST	0.0030	0.0000		MG/L	0.0	A
MYC-W-5	1/1/94	2,130,903.3	6,044,028.7	BENZENE _HIST	13.0000	0.0000		MG/L	0.0	A
RP-1	4/7/98	2,131,007.1	6,044,966.6	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-2	4/7/98	2,131,073.6	6,044,929.0	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-3	4/7/98	2,131,009.4	6,044,887.4	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-4	4/7/98	2,131,111.7	6,044,857.0	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-5	4/7/98	2,131,096.5	6,044,803.3	BENZENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
SB-1	4/5/94	2,131,023.2	6,044,897.6	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-2-RFP	4/5/94	2,131,041.9	6,044,848.5	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-3	4/5/94	2,131,085.3	6,044,790.8	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-4	4/5/94	2,131,037.7	6,044,964.4	BENZENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-5	4/5/94	2,130,988.9	6,044,958.2	BENZENE _VOL	0.0000	0.0300	ND	MG/L	0.0	A
SB-6	4/4/94	2,130,917.9	6,044,874.6	BENZENE _VOL	0.0220	0.0050		MG/L	0.0	A
SB-7	4/4/94	2,130,939.7	6,044,831.5	BENZENE _VOL	0.0000	0.0300	ND	MG/L	0.0	A
SB-8	4/5/94	2,130,878.0	6,044,874.7	BENZENE _VOL	0.0000	10.0000	ND	MG/L	0.0	A
SBGR-1	11/7/93	2,131,423.4	6,045,171.9	BENZENE _HIST	0.0890	0.0000		MG/L	0.0	A

TABLE E-16: SUMMARY OF GROUNDWATER TEST RESULTS FOR BENZENE
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
SBGR-10	11/9/93	2,131,063.9	6,045,122.4	BENZENE _HIST	0.0038	0.0000		MG/L	0.0	A
SBGR-15	11/9/93	2,131,543.0	6,045,060.8	BENZENE _HIST	0.0000	0.0130	ND	MG/L	0.0	A
SBGR-3	11/6/93	2,131,372.2	6,044,958.3	BENZENE _HIST	0.0024	0.0000		MG/L	0.0	A
SBGR-4	11/7/93	2,131,356.1	6,045,201.3	BENZENE _HIST	0.2800	0.0000		MG/L	0.0	A
SBGR-5	11/8/93	2,131,221.1	6,045,243.3	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-6	11/9/93	2,131,137.6	6,045,301.8	BENZENE _HIST	0.0089	0.0000		MG/L	0.0	A
SBGR-8	11/9/93	2,131,194.9	6,045,093.8	BENZENE _HIST	0.0240	0.0000		MG/L	0.0	A
SBGR-9	11/8/93	2,131,036.5	6,045,081.3	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT20	10/27/93	2,131,235.4	6,045,130.1	BENZENE _HIST	0.1200	0.0000		MG/L	0.0	A
SBGR-CPT22	10/28/93	2,131,219.7	6,045,300.5	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT27	10/26/93	2,130,951.2	6,045,191.5	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT28	11/3/93	2,130,969.5	6,045,239.7	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT29	10/25/93	2,130,965.8	6,045,366.6	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT30	10/25/93	2,130,890.7	6,045,388.2	BENZENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-MW-1	7/10/87	2,130,971.0	6,045,252.7	BENZENE _HIST	0.0086	0.0000		MG/L	0.0	A
SW-1	7/6/94	2,130,859.3	6,044,869.2	BENZENE _VOL	0.0000	10.0000	ND	MG/L	0.0	A
SW-2	7/6/94	2,130,867.2	6,044,907.5	BENZENE _VOL	0.0000	10.0000	ND	MG/L	0.0	A
SW-3	7/6/94	2,130,880.0	6,044,982.9	BENZENE _VOL	0.0000	0.0300	ND	MG/L	0.0	A
SW-4	7/6/94	2,130,872.5	6,044,945.7	BENZENE _VOL	0.0110	0.0050		MG/L	0.0	A
TMC-MW-1	1/10/94	2,131,283.4	6,044,923.3	BENZENE _HIST	0.0000	0.0005	ND	MG/L	0.0	A
TMC-OB-1	12/15/94	2,131,298.5	6,044,917.6	BENZENE _HIST	0.0000	0.0008	ND	MG/L	0.0	A
TMC-OB-2	12/15/94	2,131,273.1	6,044,925.0	BENZENE _HIST	0.0094	0.0005		MG/L	0.0	A

TABLE E-17: SUMMARY OF GROUNDWATER TEST RESULTS FOR TRICHLOROETHENE
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
EKI-4525-6	7/19/93	2,130,940.5	6,044,917.7	TRICHLOROETHENE _HIST	0.0000	0.0600	ND	MG/L	0.0	A
EKI-4525-7	7/19/93	2,130,904.7	6,044,851.0	TRICHLOROETHENE _HIST	0.0000	0.0600	ND	MG/L	0.0	A
EKI-4525-8	7/19/93	2,130,918.7	6,044,960.1	TRICHLOROETHENE _HIST	0.0200	0.0000		MG/L	0.0	A
EKI-4543-A	7/14/93	2,131,152.9	6,044,775.0	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-B	7/14/93	2,131,039.1	6,044,795.4	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4543-C	7/14/93	2,130,989.0	6,044,946.1	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
EKI-4563-A	7/15/93	2,131,290.0	6,044,754.6	TRICHLOROETHENE _HIST	0.6100	0.0000		MG/L	0.0	A
EKI-HP1	7/13/93	2,130,928.2	6,045,040.4	TRICHLOROETHENE _HIST	0.0030	0.0000		MG/L	0.0	A
EKI-HP2	7/15/93	2,131,000.1	6,045,016.6	TRICHLOROETHENE _HIST	0.0400	0.0000		MG/L	0.0	A
EKI-HP3	7/16/93	2,131,191.9	6,044,947.4	TRICHLOROETHENE _HIST	0.0050	0.0000		MG/L	0.0	A
EKI-HP4	7/16/93	2,131,375.4	6,044,895.6	TRICHLOROETHENE _HIST	0.0200	0.0000		MG/L	0.0	A
EKI-HP5	7/16/93	2,131,501.7	6,044,858.6	TRICHLOROETHENE _HIST	0.0700	0.0000		MG/L	0.0	A
EX-1	4/9/98	2,131,120.3	6,044,687.2	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
EX-2	4/9/98	2,130,919.5	6,044,751.9	TRICHLOROETHENE _VOL	0.0000	0.0500	ND	MG/L	50.0	A
EX-3	4/9/98	2,130,765.5	6,044,938.0	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-1	6/9/93	2,130,856.9	6,045,021.0	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-10	2/27/98	2,130,905.8	6,044,609.2	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	0.0	A
LF-11	4/10/98	2,130,655.5	6,044,621.9	TRICHLOROETHENE _VOL	0.0000	0.0100	ND	MG/L	10.0	A
LF-12	4/8/98	2,130,813.8	6,045,074.4	TRICHLOROETHENE _VOL	0.0018	0.0010		MG/L	1.0	A
LF-13	4/7/98	2,130,531.7	6,045,245.9	TRICHLOROETHENE _VOL	0.0061	0.0010		MG/L	1.0	A
LF-14	6/9/93	2,131,188.4	6,044,414.4	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-15	6/9/93	2,131,023.6	6,044,412.9	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-16	6/9/93	2,130,859.6	6,044,413.9	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
LF-17	4/10/98	2,130,678.1	6,044,875.1	TRICHLOROETHENE _VOL	0.0000	0.0100	ND	MG/L	10.0	A
LF-18	4/8/98	2,131,305.0	6,044,649.9	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-19	4/8/98	2,131,035.5	6,044,776.4	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-2	7/20/90	2,130,669.0	6,044,897.8	TRICHLOROETHENE _VOL	0.0000	0.0500	ND	MG/L	0.0	A
LF-20	4/9/98	2,131,216.8	6,044,566.8	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-21	4/9/98	2,130,895.8	6,044,580.3	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-22	4/10/98	2,130,802.3	6,045,037.8	TRICHLOROETHENE _VOL	0.0058	0.0010		MG/L	1.0	A
LF-23	4/8/98	2,130,909.2	6,044,412.7	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-24	4/8/98	2,131,066.9	6,044,411.4	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-25	4/8/98	2,131,226.2	6,044,404.5	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-26	4/9/98	2,131,201.5	6,044,580.5	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-27	4/8/98	2,130,944.8	6,045,049.9	TRICHLOROETHENE _VOL	0.0021	0.0010		MG/L	1.0	A
LF-28	4/8/98	2,131,102.3	6,045,004.5	TRICHLOROETHENE _VOL	0.0061	0.0010		MG/L	1.0	A
LF-29	4/7/98	2,131,300.7	6,044,950.3	TRICHLOROETHENE _VOL	0.0130	0.0100		MG/L	10.0	A

TABLE E-17: SUMMARY OF GROUNDWATER TEST RESULTS FOR TRICHLOROETHENE
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
LF-3	4/10/98	2,130,690.5	6,044,850.9	TRICHLOROETHENE _VOL	0.0000	0.5000	ND	MG/L	500.0	A
LF-30	4/7/98	2,131,450.7	6,044,909.4	TRICHLOROETHENE _VOL	0.0120	0.0010		MG/L	1.0	A
LF-4	4/9/98	2,131,028.5	6,044,641.1	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-5	6/9/93	2,131,072.6	6,044,701.4	TRICHLOROETHENE _VOL	0.0000	2.5000	ND	MG/L	0.0	A
LF-6	7/20/90	2,131,006.1	6,044,715.6	TRICHLOROETHENE _VOL	0.0000	1.0000	ND	MG/L	0.0	A
LF-7	2/27/98	2,131,046.3	6,044,769.0	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	0.0	A
LF-8	4/8/98	2,131,297.5	6,044,651.5	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
LF-9	6/9/93	2,131,184.5	6,044,577.4	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
MW-1	4/8/98	2,131,286.5	6,044,923.0	TRICHLOROETHENE _VOL	0.0140	0.0050		MG/L	5.0	A
MW-2	4/8/98	2,131,331.7	6,044,910.6	TRICHLOROETHENE _VOL	0.0025	0.0010		MG/L	1.0	A
MW-3	4/7/98	2,131,039.6	6,044,993.0	TRICHLOROETHENE _VOL	0.0014	0.0010		MG/L	1.0	A
MW-4	4/10/98	2,130,914.8	6,044,948.4	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
MW-5	4/10/98	2,130,907.2	6,044,876.4	TRICHLOROETHENE _VOL	0.0000	10.0000	ND	MG/L	10000.0	A
RP-1	4/7/98	2,131,007.1	6,044,966.6	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-2	4/7/98	2,131,073.6	6,044,929.0	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-3	4/7/98	2,131,009.4	6,044,887.4	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
RP-4	4/7/98	2,131,111.7	6,044,857.0	TRICHLOROETHENE _VOL	0.0013	0.0010		MG/L	1.0	A
RP-5	4/7/98	2,131,096.5	6,044,803.3	TRICHLOROETHENE _VOL	0.0000	0.0010	ND	MG/L	1.0	A
SB-1	4/5/94	2,131,023.2	6,044,897.6	TRICHLOROETHENE _VOL	0.0070	0.0050		MG/L	0.0	A
SB-2-RFP	4/5/94	2,131,041.9	6,044,848.5	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-3	4/5/94	2,131,085.3	6,044,790.8	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-4	4/5/94	2,131,037.7	6,044,964.4	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-5	4/5/94	2,130,988.9	6,044,958.2	TRICHLOROETHENE _VOL	0.0000	0.0300	ND	MG/L	0.0	A
SB-6	4/4/94	2,130,917.9	6,044,874.6	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
SB-7	4/4/94	2,130,939.7	6,044,831.5	TRICHLOROETHENE _VOL	0.0000	0.0300	ND	MG/L	0.0	A
SB-8	4/5/94	2,130,878.0	6,044,874.7	TRICHLOROETHENE _VOL	0.0000	10.0000	ND	MG/L	0.0	A
SBGR-1	11/7/93	2,131,423.4	6,045,171.9	TRICHLOROETHENE _HIST	0.0026	0.0020		MG/L	0.0	A
SBGR-10	11/9/93	2,131,063.9	6,045,122.4	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-15	11/9/93	2,131,543.0	6,045,060.8	TRICHLOROETHENE _HIST	0.0000	0.0130	ND	MG/L	0.0	A
SBGR-3	11/6/93	2,131,372.2	6,044,958.3	TRICHLOROETHENE _HIST	0.0098	0.0000		MG/L	0.0	A
SBGR-4	11/7/93	2,131,356.1	6,045,201.3	TRICHLOROETHENE _HIST	0.0000	0.0670	ND	MG/L	0.0	A
SBGR-5	11/8/93	2,131,221.1	6,045,243.3	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-6	11/9/93	2,131,137.6	6,045,301.8	TRICHLOROETHENE _HIST	0.0032	0.0000		MG/L	0.0	A
SBGR-8	11/9/93	2,131,194.9	6,045,093.8	TRICHLOROETHENE _HIST	0.0029	0.0000		MG/L	0.0	A
SBGR-9	11/8/93	2,131,036.5	6,045,081.3	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT20	10/27/93	2,131,235.4	6,045,130.1	TRICHLOROETHENE _HIST	0.0310	0.0000		MG/L	0.0	A
SBGR-CPT22	10/28/93	2,131,219.7	6,045,300.5	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A

TABLE E-17: SUMMARY OF GROUNDWATER TEST RESULTS FOR TRICHLOROETHENE
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	DATE SAMPLED	NORTHING	EASTING	ANALYTE	CONCENTRATION	MDL	QUALIFIER	UNITS	DILUTION	GW ZONE
SBGR-CPT27	10/26/93	2,130,951.2	6,045,191.5	TRICHLOROETHENE _HIST	0.0150	0.0000		MG/L	0.0	A
SBGR-CPT28	11/3/93	2,130,969.5	6,045,239.7	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT29	10/25/93	2,130,965.8	6,045,366.6	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-CPT30	10/25/93	2,130,890.7	6,045,388.2	TRICHLOROETHENE _HIST	0.0000	0.0020	ND	MG/L	0.0	A
SBGR-MW-1	7/10/87	2,130,971.0	6,045,252.7	TRICHLOROETHENE _HIST	0.0010	0.0000		MG/L	0.0	A
SW-1	7/6/94	2,130,859.3	6,044,869.2	TRICHLOROETHENE _VOL	0.0000	10.0000	ND	MG/L	0.0	A
SW-2	7/6/94	2,130,867.2	6,044,907.5	TRICHLOROETHENE _VOL	0.0000	10.0000	ND	MG/L	0.0	A
SW-3	7/6/94	2,130,880.0	6,044,982.9	TRICHLOROETHENE _VOL	0.0000	0.0300	ND	MG/L	0.0	A
SW-4	7/6/94	2,130,872.5	6,044,945.7	TRICHLOROETHENE _VOL	0.0000	0.0050	ND	MG/L	0.0	A
TMC-MW-1	7/15/93	2,131,283.4	6,044,923.3	TRICHLOROETHENE _HIST	0.0200	0.0000		MG/L	0.0	A

TABLE E-18: SOIL SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
AGI-CS-2	CP	7/26/93
AGI-CS-3	CP	7/26/93
AGI-CS-4	CP	7/26/93
AGI-CS-5	CP	7/26/93
AGI-CS-6	CP	7/26/93
AGI-CS-7	CP	7/26/93
AGI-CS-8	CP	7/26/93
AGI-HW-1	BH	4/9/92
AGI-HW-2	BH	4/9/92
AGI-HW-3	BH	4/9/92
AGI-HW-4	BH	4/9/92
AGI-HW-5	BH	4/9/92
AGI-TS-1	BH	8/9/93
CC-1	SL	5/7/97
CC-2	SL	5/7/97
CC-3	SL	5/7/97
CC-4	SL	5/7/97
CC-5	SL	5/7/97
CC-6	SL	5/7/97
CC-7	SL	5/7/97
CS-2	CP	6/6/97
CS-8+87	CP	6/13/97
CS-E6+60A	CP	7/16/97
CS-W4+20	CP	7/1/97
ENG-CP-1	BH	1/25/88
HS-CMP-01	CP	4/7/97
HS-CMP-02	CP	4/7/97
HS-CMP-03	CP	3/28/97
HS-CMP-04	CP	3/28/97
HS-CMP-05	CP	4/4/97
HS-CMP-06	CP	3/28/97
HS-CMP-07	CP	3/28/97
HS-CMP-08	CP	4/4/97
HS-CMP-09	CP	4/17/97
HST-BF-01	BF	6/12/97
HST-BF-02	BF	6/19/97
SA-CMP-01	CP	4/17/97
SBGR-1,2,3	CP	11/7/93
SBGR-12,14	CP	11/9/93
SBGR-4,5	CP	11/8/93
SBGR-6,7,8	CP	11/9/93
SBGR-7,8	CP	11/8/93
SBGR-9,10	CP	11/9/93
SBGR-SB18X	BH	5/1/89
SBGR-SB19X	BH	5/1/89
SBGR-SB20X	BH	5/1/89

TABLE E-18: SOIL SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
SBGR-SB21X	BH	5/1/89
SBGR121314	BH	11/9/93
SOIL-2	SS	7/17/97
SS-CMP-01	CP	4/11/97
SS-MW-1	MW	11/14/88
SSA-01TO10	IW	11/30/93
SSB-01TO10	IW	11/30/93
TMC-GT3-05	TR	1/26/94
TMC-GT3-07	TR	1/26/94
TMC-GT3-08	TR	1/26/94
TMC-GT3-09	TR	1/26/94
TMC-GT3-10	TR	1/26/94
TMC-GT3-11	TR	1/26/94
TMC-GT3-12	TR	1/26/94
TMC-GT3-13	TR	1/26/94
TMC-GT3-14	TR	1/26/94
TMC-GT3-15	TR	1/26/94
TMC-GT3-16	TR	1/26/94
TMC-GT3-17	TR	1/26/94
TMC-HA3-18	HA	1/27/94
TMC-HA3-19	HA	1/27/94
TMC-HA3-20	HA	1/27/94
TMC-HAEW8	HA	1/13/94
TMC-HANW4	HA	1/13/94
TMC-HANW75	HA	1/13/94
TMC-HASW75	HA	1/13/94
TMC-HAWW8	HA	1/13/94
TMC-HOEW1	TR	1/10/94
TMC-HONW1	TR	1/10/94
TMC-HONW2	TR	1/10/94
TMC-HOSW1	TR	1/10/94
TMC-HOSW2	TR	1/10/94
TMC-HOWW1	TR	1/10/94
TMC-HOWW2	TR	1/10/94
TMC-PTBOTT	ES	1/5/94
TMC-PTEW1	ES	1/5/94
TMC-PTEW3	TR	1/6/94
TMC-PTNW1	ES	1/5/94
TMC-PTNW3	TR	1/6/94
TMC-PTSW1	ES	1/5/94
TMC-PTSW2	TR	1/6/94
TMC-PTSW3	TR	1/6/94
TMC-PTWW1	ES	1/5/94
TMC-PTWW2	TR	1/6/94
TMC-PTWW41	HA	1/10/94
TMC-PTWW42	HA	1/10/94

TABLE E-18: SOIL SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
TMC-PTWW51	HA	1/10/94
TMC-PTWW52	HA	1/10/94
TMC-T1EW	ES	11/24/93
TMC-T1N	ES	11/24/93
TMC-T1NW	ES	11/24/93
TMC-T1S	ES	11/24/93
TMC-T1SW	ES	11/24/93
TMC-T2B	ES	11/24/93
TMC-T2NW	ES	11/24/93
TMC-TR3-1	TR	1/26/94
TMC-TR3-2	TR	1/26/94
TMC-TR3-3	TR	1/26/94
TMC-TR3-4	TR	1/26/94

TABLE E-19: GROUNDWATER SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
AGI-GS-1	MW	6/1/91
AGI-GS-2	MW	6/1/91
AGI-GS-3	MW	6/1/91
AGI-PW-1	MW	8/1/93
AGI-T3-6	EW	2/1/88
AGI-T3-7	EW	2/1/88
AGI-T4	EW	2/1/88
AGI-T6	EW	2/1/88
AGI-TW-1	MW	8/1/93
EKI-UST-1	UST	8/3/93
EKI-UST-2	UST	7/7/93
SS-MW-1	MW	11/14/88
SS-MW-1	MW	1/1/92
SS-MW-1	MW	9/28/92
SW-1-B	BH	7/6/94
T-1201	WW	9/25/96
T-1201	WW	10/17/96
T-1201	WW	9/30/97
T-1301	WW	1/9/96
T-1301	WW	1/12/96
T-1301	WW	9/25/96
T-1301	WW	8/26/97
T-1301	WW	9/16/97
T-601	WW	3/20/96
T-601	WW	8/23/96
TMC-GT1-N	TR	9/30/88
TMC-GT1-S	TR	9/30/88
TMC-GT2-N	TR	9/30/88
TMC-GT2-S	TR	9/30/88
TMC-OB-2A	EW	2/9/94
TMC-OB-2B	EW	2/9/94
TMC-OB1-1	EW	1/11/94
TMC-OB1-2	EW	1/19/94
TMC-OB1A	EW	2/9/94
TMC-OB1B	EW	2/9/94
TMC-PITW1	EW	1/5/94
TMC-PITW2	EW	1/6/94
UST-1	EW	4/7/97
W-ANDEFF	WW	9/15/95
W-ANDEFF	WW	10/18/95
W-ANDEFF	WW	1/9/96
W-ANDEFF	WW	1/23/96
W-ANDEFF	WW	2/27/96
W-ANDEFF	WW	3/5/96
W-ANDEFF	WW	3/20/96
W-ANDEFF	WW	3/29/96

TABLE E-19: GROUNDWATER SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
W-ANDEFF	WW	4/26/96
W-ANDEFF	WW	5/24/96
W-ANDEFF	WW	6/13/96
W-ANDEFF	WW	7/30/96
W-ANDEFF	WW	8/16/96
W-ANDEFF	WW	8/20/96
W-ANDEFF	WW	8/30/96
W-ANDEFF	WW	9/20/96
W-ANDEFF	WW	9/25/96
W-ANDEFF	WW	10/17/96
W-ANDEFF	WW	12/31/96
W-ANDEFF	WW	1/8/97
W-ANDEFF	WW	1/20/97
W-ANDEFF	WW	1/23/97
W-ANDEFF	WW	1/27/97
W-ANDEFF	WW	1/31/97
W-ANDEFF	WW	2/28/97
W-ANDEFF	WW	3/5/97
W-ANDEFF	WW	4/9/97
W-ANDEFF	WW	4/16/97
W-ANDEFF	WW	4/17/97
W-ANDEFF	WW	4/23/97
W-ANDEFF	WW	4/30/97
W-ANDEFF	WW	5/28/97
W-ANDEFF	WW	5/30/97
W-ANDEFF	WW	6/19/97
W-ANDEFF	WW	6/20/97
W-ANDEFF	WW	6/25/97
W-ANDEFF	WW	7/29/97
W-ANDEFF	WW	8/21/97
W-ANDEFF	WW	8/26/97
W-ANDEFF	WW	9/12/97
W-ANDEFF	WW	9/18/97
W-ANDEFF	WW	9/30/97
W-BC1	WW	4/9/97
W-BC1	WW	4/17/97
W-BC1	WW	4/23/97
W-BC1	WW	4/30/97
W-BC1	WW	5/28/97
W-BC1	WW	6/25/97
W-BC1	WW	7/29/97
W-BC1	WW	8/21/97
W-BC1	WW	8/26/97
W-BC1	WW	9/18/97
W-BC2	WW	5/28/97
W-BC2	WW	7/29/97

TABLE E-19: GROUNDWATER SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
W-BC2	WW	8/21/97
W-BC2	WW	8/26/97
W-BC2	WW	9/18/97
W-CARBEFF	WW	6/19/97
W-CARBEFF	WW	6/20/97
W-E1	EF	10/18/95
W-E1	EF	1/12/96
W-E1	EF	1/23/96
W-E1	EF	2/27/96
W-E1	EF	3/5/96
W-E1	EF	3/29/96
W-E1	EF	4/26/96
W-E1	EF	5/24/96
W-E1	EF	6/13/96
W-E1	EF	7/22/96
W-E1	EF	7/30/96
W-E1	EF	8/13/96
W-E1	EF	8/30/96
W-E1	EF	9/20/96
W-E1	EF	10/17/96
W-E1	EF	12/31/96
W-E1	EF	1/31/97
W-E1	EF	2/28/97
W-E1	EF	4/9/97
W-E1	EF	4/16/97
W-E1	EF	4/17/97
W-E1	EF	4/23/97
W-E1	EF	4/30/97
W-E1	EF	5/28/97
W-E1	EF	5/30/97
W-E1	EF	6/25/97
W-E1	EF	7/29/97
W-E1	EF	8/12/97
W-E1	EF	8/21/97
W-E1	EF	8/26/97
W-E1	EF	9/12/97
W-E1	EF	9/18/97
W-E1	EF	9/30/97
W-ECELLEFF	WW	8/9/96
W-ECELLEFF	WW	8/16/96
W-ECELLEFF	WW	8/20/96
W-ECELLEFF	WW	8/23/96
W-ECELLEFF	WW	8/30/96
W-ECELLEFF	WW	9/20/96
W-ECELLEFF	WW	10/8/96
W-ECELLEFF	WW	12/31/96

TABLE E-19: GROUNDWATER SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
W-ECELLEFF	WW	4/9/97
W-ECELLEFF	WW	4/16/97
W-ECELLEFF	WW	4/30/97
W-ECELLEFF	WW	5/28/97
W-ECELLEFF	WW	5/30/97
W-ECELLEFF	WW	7/29/97
W-ECELLEFF	WW	8/21/97
W-ECELLEFF	WW	8/26/97
W-ECELLEFF	WW	9/18/97
W-I1	IN	10/18/95
W-I1	IN	1/23/96
W-I1	IN	2/27/96
W-I1	IN	3/5/96
W-I1	IN	3/20/96
W-I1	IN	3/29/96
W-I1	IN	4/26/96
W-I1	IN	5/24/96
W-I1	IN	6/13/96
W-I1	IN	7/22/96
W-I1	IN	7/30/96
W-I1	IN	9/20/96
W-I1	IN	10/17/96
W-I1	IN	12/31/96
W-I1	IN	1/31/97
W-I1	IN	2/28/97
W-I1	IN	4/9/97
W-I1	IN	4/16/97
W-I1	IN	4/17/97
W-I1	IN	4/23/97
W-I1	IN	4/30/97
W-I1	IN	5/28/97
W-I1	IN	5/30/97
W-I1	IN	6/19/97
W-I1	IN	6/20/97
W-I1	IN	6/25/97
W-I1	IN	7/29/97
W-I1	IN	8/21/97
W-I1	IN	8/26/97
W-I1	IN	9/9/97
W-I1	IN	9/16/97
W-I1	IN	9/18/97
W-R1	SW	1/23/96
W-R1	SW	12/31/96
W-R1	SW	9/18/97
W-R2	SW	1/23/96
W-R2	SW	12/31/96

TABLE E-19: GROUNDWATER SAMPLING LOCATIONS EXCLUDED FROM MAPS DUE TO THE LACK OF COORDINANTS

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE	REFERENCE TYPE	DATE SAMPLED
W-R2	SW	9/18/97
W-TBIOEFF	WW	12/29/95
W-TBIOEFF	WW	1/9/96
W-TBIOEFF	WW	1/19/96
W-TBIOEFF	WW	8/16/96
W-TBIOEFF	WW	8/20/96
W-TBIOEFF	WW	9/25/96
W-TBIOEFF	WW	1/8/97
W-TBIOEFF	WW	1/20/97
W-TBIOEFF	WW	1/23/97
W-TBIOEFF	WW	1/27/97
W-TBIOEFF	WW	3/5/97
W-WELLS	IN	8/21/97
W-WELLS	IN	8/26/97
W-WELLS	IN	9/18/97

TABLE E-20: SOIL SAMPLES FOR ARSENIC AND LEAD EXCLUDED FROM MAPS DUE TO THE ABSENCE OF AN MDL WHEN RESULTS WERE ND

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	DATE SAMPLED	ANALYTE	RESULT	MDL	QUALIFIER
AGI-1787-1	BH	1/7/87	ARSENIC ,HIST	0		ND
AGI-1787-4	BH	1/7/87	ARSENIC ,HIST	0		ND
AGI-1787-5	BH	1/7/87	ARSENIC ,HIST	0		ND
AGI-1787-6	BH	1/7/87	ARSENIC ,HIST	0		ND
AGI-FT-01	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-02	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-03	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-04	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-05	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-06	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-08	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-12	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-13	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-14	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-15	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-17	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-FT-23	BH	10/1/87	ARSENIC ,HIST	0		ND
AGI-HW-10	BH	4/10/92	ARSENIC ,HIST	0		ND
AGI-HW-2	BH	4/9/92	ARSENIC ,HIST	0		ND
AGI-HW-5	BH	4/9/92	ARSENIC ,HIST	0		ND
AGI-HW-6B	BH	4/10/92	ARSENIC ,HIST	0		ND
AGI-HW-7	BH	4/10/92	ARSENIC ,HIST	0		ND
AGI-HW-8	BH	4/10/92	ARSENIC ,HIST	0		ND
AGI-HW-9A	BH	4/10/92	ARSENIC ,HIST	0		ND
AGI-W-7	MW	9/1/87	ARSENIC ,HIST	0		ND
AGI-HW-5	BH	4/9/92	LEAD ,HIST	0		ND
AGI-MW-8	MW	7/28/93	LEAD ,HIST	0		ND
AGI-SB-31	BH	7/20/93	LEAD ,HIST	0		ND
AGI-SB-46	BH	7/22/93	LEAD ,HIST	0		ND
AGI-SB-54	BH	7/27/93	LEAD ,HIST	0		ND
AGI-TS-1	BH	8/9/93	LEAD ,HIST	0		ND
BCS-BC-14	BH	7/11/95	LEAD ,ICP	0		ND

TABLE E-21: SOIL SAMPLES FOR TOTAL SVOC AND TOTAL VOC EXCLUDED FROM MAPS DUE TO THE ABSENCE OF AN MDL WHEN RESULTS WERE ND

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	DATE SAMPLED	REQ CODE	RESULT	MDL	QUALIFIER
AGI-B-13	BH	4/1/93	BNA	0		ND
AGI-B-8	BH	4/1/93	BNA	0		ND
AGI-B-9	BH	4/1/93	BNA	0		ND
AGI-MW-7	MW	7/1/93	BNA	0		ND
AGI-SB-03	BH	7/1/93	BNA	0		ND
AGI-SB-04	BH	7/1/93	BNA	0		ND
AGI-SB-57	BH	7/21/93	BNA	0		ND
AGI-SB-62	BH	2/22/94	BNA	0		ND
AGI-SB-63	BH	2/22/94	BNA	0		ND
ENG-MW-2	MW	12/7/87	BNA	0		ND
HLA-EB-2	BH	7/11/92	BNA	0		ND
MYC-B-1	BH	10/1/90	BNA	0		ND
MYC-B-10	BH	10/1/91	BNA	0		ND
MYC-B-11	BH	10/1/91	BNA	0		ND
MYC-B-12	BH	10/1/91	BNA	0		ND
MYC-B-13	BH	10/1/91	BNA	0		ND
MYC-B-14	BH	10/1/91	BNA	0		ND
MYC-B-15	BH	10/1/91	BNA	0		ND
MYC-B-16	BH	10/1/91	BNA	0		ND
MYC-B-17	BH	10/1/91	BNA	0		ND
MYC-B-18	BH	10/1/91	BNA	0		ND
MYC-B-19	BH	10/1/91	BNA	0		ND
MYC-B-20	BH	10/1/91	BNA	0		ND
MYC-B-3	BH	10/1/90	BNA	0		ND
MYC-B-6	BH	10/1/90	BNA	0		ND
MYC-B-8	BH	10/1/91	BNA	0		ND
MYC-B-9	BH	10/1/91	BNA	0		ND
MYC-W-1	MW	10/1/90	BNA	0		ND
MYC-W-10	MW	10/1/90	BNA	0		ND
MYC-W-10	MW	10/1/91	BNA	0		ND
MYC-W-11	MW	10/1/91	BNA	0		ND
MYC-W-12	MW	10/1/91	BNA	0		ND
MYC-W-13	MW	10/1/91	BNA	0		ND
MYC-W-14	MW	10/1/91	BNA	0		ND
MYC-W-17	MW	5/1/93	BNA	0		ND
MYC-W-18	MW	5/1/93	BNA	0		ND
MYC-W-3	MW	10/1/90	BNA	0		ND
MYC-W-5	MW	10/1/90	BNA	0		ND
MYC-W-8	MW	10/1/91	BNA	0		ND
MYC-W-9	MW	10/1/91	BNA	0		ND
AGI-B-1	BH	6/1/93	BTEX	0		ND
AGI-B-2	BH	6/1/93	BTEX	0		ND
AGI-B-3	BH	6/1/93	BTEX	0		ND
AGI-B-4	BH	6/1/93	BTEX	0		ND
AGI-B-5	BH	6/1/93	BTEX	0		ND
AGI-B-6	BH	6/1/93	BTEX	0		ND
AGI-HW-1	BH	4/9/92	BTEX	0		ND
AGI-HW-10	BH	4/10/92	BTEX	0		ND
AGI-HW-11	BH	4/9/92	BTEX	0		ND

TABLE E-21: SOIL SAMPLES FOR TOTAL SVOC AND TOTAL VOC EXCLUDED FROM MAPS DUE TO THE ABSENCE OF AN MDL WHEN RESULTS WERE ND

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	DATE SAMPLED	REQ CODE	RESULT	MDL	QUALIFIER
AGI-HW-12	BH	4/9/92	BTEX	0		ND
AGI-HW-13	BH	4/9/92	BTEX	0		ND
AGI-HW-2	BH	4/9/92	BTEX	0		ND
AGI-HW-3	BH	4/9/92	BTEX	0		ND
AGI-HW-4	BH	4/9/92	BTEX	0		ND
AGI-HW-5	BH	4/9/92	BTEX	0		ND
AGI-HW-6B	BH	4/10/92	BTEX	0		ND
AGI-HW-7	BH	4/10/92	BTEX	0		ND
AGI-HW-8	BH	4/10/92	BTEX	0		ND
AGI-HW-9A	BH	4/10/92	BTEX	0		ND
AGI-MW-1	MW	3/1/89	BTEX	0		ND
AGI-MW-2	MW	6/1/92	BTEX	0		ND
AGI-MW-3	MW	6/1/92	BTEX	0		ND
AGI-MW-4	MW	6/1/92	BTEX	0		ND
AGI-SB-06	BH	7/21/93	BTEX	0		ND
AGI-SB-38	BH	7/21/93	BTEX	0		ND
AGI-SB-42	BH	7/22/93	BTEX	0		ND
AGI-SB-46	BH	7/22/93	BTEX	0		ND
AGI-SB-51	BH	7/21/93	BTEX	0		ND
AGI-T4N	BH	2/1/88	BTEX	0		ND
AGI-1	BH	1/1/87	VOLATILE	0		ND
AGI-2	BH	1/1/87	VOLATILE	0		ND
AGI-3	BH	1/1/87	VOLATILE	0		ND
AGI-4	BH	1/1/87	VOLATILE	0		ND
AGI-5	BH	1/1/87	VOLATILE	0		ND
AGI-B-1	BH	6/1/93	VOLATILE	0		ND
AGI-B-11	BH	4/1/93	VOLATILE	0		ND
AGI-B-13	BH	4/1/93	VOLATILE	0		ND
AGI-B-14	BH	4/1/93	VOLATILE	0		ND
AGI-B-17	BH	4/1/93	VOLATILE	0		ND
AGI-B-18	BH	4/1/93	VOLATILE	0		ND
AGI-B-2	BH	6/1/93	VOLATILE	0		ND
AGI-B-3	BH	6/1/93	VOLATILE	0		ND
AGI-B-4	BH	6/1/93	VOLATILE	0		ND
AGI-B-5	BH	6/1/93	VOLATILE	0		ND
AGI-B-6	BH	6/1/93	VOLATILE	0		ND
AGI-B-8	BH	4/1/93	VOLATILE	0		ND
AGI-B-9	BH	4/1/93	VOLATILE	0		ND
AGI-HW-1	BH	4/9/92	VOLATILE	0		ND
AGI-HW-10	BH	4/10/92	VOLATILE	0		ND
AGI-HW-11	BH	4/9/92	VOLATILE	0		ND
AGI-HW-12	BH	4/9/92	VOLATILE	0		ND
AGI-HW-13	BH	4/9/92	VOLATILE	0		ND
AGI-HW-2	BH	4/9/92	VOLATILE	0		ND
AGI-HW-3	BH	4/9/92	VOLATILE	0		ND
AGI-HW-4	BH	4/9/92	VOLATILE	0		ND
AGI-HW-5	BH	4/9/92	VOLATILE	0		ND
AGI-HW-6B	BH	4/10/92	VOLATILE	0		ND
AGI-HW-7	BH	4/10/92	VOLATILE	0		ND

TABLE E-21: SOIL SAMPLES FOR TOTAL SVOC AND TOTAL VOC EXCLUDED FROM MAPS DUE TO THE ABSENCE OF AN MDL WHEN RESULTS WERE ND

Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	DATE SAMPLED	REQ CODE	RESULT	MDL	QUALIFIER
AGI-HW-8	BH	4/10/92	VOLATILE	0		ND
AGI-HW-9A	BH	4/10/92	VOLATILE	0		ND
AGI-MW-1	MW	3/1/89	VOLATILE	0		ND
AGI-MW-2	MW	6/1/92	VOLATILE	0		ND
AGI-MW-3	MW	6/1/92	VOLATILE	0		ND
AGI-MW-4	MW	6/1/92	VOLATILE	0		ND
AGI-SB-06	BH	7/21/93	VOLATILE	0		ND
AGI-SB-38	BH	7/21/93	VOLATILE	0		ND
AGI-SB-51	BH	7/21/93	VOLATILE	0		ND
ENG-CP-1	BH	1/25/88	VOLATILE	0		ND
ENG-MW-2	MW	12/7/87	VOLATILE	0		ND
MYC-B-1	BH	10/1/90	VOLATILE	0		ND
MYC-B-10	BH	10/1/91	VOLATILE	0		ND
MYC-B-14	BH	10/1/91	VOLATILE	0		ND
MYC-B-3	BH	10/1/90	VOLATILE	0		ND
MYC-B-4	BH	10/1/90	VOLATILE	0		ND
MYC-B-5	BH	10/1/90	VOLATILE	0		ND
MYC-B-6	BH	10/1/90	VOLATILE	0		ND
MYC-B-8	BH	10/1/91	VOLATILE	0		ND
MYC-B-9	BH	10/1/91	VOLATILE	0		ND
MYC-W-1	MW	10/1/90	VOLATILE	0		ND
MYC-W-13	MW	10/1/91	VOLATILE	0		ND
MYC-W-3	MW	10/1/90	VOLATILE	0		ND

TABLE E-22: GROUNDWATER SAMPLES EXCLUDED FROM MAPS
DUE TO THE ABSENCE OF AN MDL WHEN RESULT WAS ND
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	SAMPLE DATE	ANALYTE	RESULT	MDL	QUALIFIER
AGI-MW-11	MW	2/1/94	ARSENIC ,HIST	0		ND
AGI-MW-12	MW	2/1/94	ARSENIC ,HIST	0		ND
AGI-MW-16	MW	2/1/94	ARSENIC ,HIST	0		ND
AGI-MW-2B	MW	2/1/94	ARSENIC ,HIST	0		ND
AGI-MW-3B	MW	2/1/94	ARSENIC ,HIST	0		ND
AGI-PW-1	MW	8/1/93	ARSENIC ,HIST	0		ND
AGI-PW-2	MW	8/1/93	ARSENIC ,HIST	0		ND
AGI-PW-3	MW	8/1/93	ARSENIC ,HIST	0		ND
AGI-TW-1	MW	8/1/93	ARSENIC ,HIST	0		ND
AGI-WSW-1	MW	1/1/94	ARSENIC ,HIST	0		ND
MW-2	MW	6/8/95	ARSENIC ,HIST	0		ND
AGI-MW-10	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-11	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-12	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-13	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-14	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-16	MW	2/1/94	BENZENE ,HIST	0		ND
AGI-MW-2B	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-3	MW	7/1/93	BENZENE ,HIST	0		ND
AGI-MW-3B	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-4	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-4B	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-5	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-6	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-7	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-8	MW	8/1/93	BENZENE ,HIST	0		ND
AGI-MW-9	MW	8/1/93	BENZENE ,HIST	0		ND
MW-3	MW	6/8/95	BENZENE ,HIST	0		ND
MYC-W-10	MW	4/1/92	BENZENE ,HIST	0		ND
MYC-W-10	MW	7/1/92	BENZENE ,HIST	0		ND
MYC-W-10	MW	10/1/92	BENZENE ,HIST	0		ND
MYC-W-10	MW	1/1/93	BENZENE ,HIST	0		ND
MYC-W-10	MW	7/1/93	BENZENE ,HIST	0		ND
MYC-W-13	MW	10/1/91	BENZENE ,HIST	0		ND
MYC-W-13	MW	4/1/92	BENZENE ,HIST	0		ND
MYC-W-13	MW	7/1/92	BENZENE ,HIST	0		ND
MYC-W-13	MW	10/1/92	BENZENE ,HIST	0		ND
MYC-W-13	MW	1/1/93	BENZENE ,HIST	0		ND
MYC-W-13	MW	1/1/94	BENZENE ,HIST	0		ND
MYC-W-15	MW	5/1/93	BENZENE ,HIST	0		ND
MYC-W-15	MW	7/1/93	BENZENE ,HIST	0		ND
MYC-W-7	MW	7/1/92	BENZENE ,HIST	0		ND
MYC-W-7	MW	10/1/92	BENZENE ,HIST	0		ND
MYC-W-7	MW	1/1/93	BENZENE ,HIST	0		ND
MYC-W-7	MW	1/1/94	BENZENE ,HIST	0		ND
MYC-W-8	MW	10/1/91	BENZENE ,HIST	0		ND
MYC-W-8	MW	10/1/92	BENZENE ,HIST	0		ND
MYC-W-8	MW	7/1/93	BENZENE ,HIST	0		ND
MYC-W-8	MW	7/1/94	BENZENE ,HIST	0		ND
MYC-W-8	MW	11/1/94	BENZENE ,HIST	0		ND
MYC-W-8	MW	1/1/95	BENZENE ,HIST	0		ND
AGI-MW-10	MW	2/1/94	LEAD ,HIST	0		ND

TABLE E-22: GROUNDWATER SAMPLES EXCLUDED FROM MAPS
DUE TO THE ABSENCE OF AN MDL WHEN RESULT WAS ND
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	SAMPLE DATE	ANALYTE	RESULT	MDL	QUALIFIER
AGI-MW-11	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-12	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-13	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-14	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-16	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-2B	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-3	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-3B	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-4B	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-6	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-7	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-8	MW	2/1/94	LEAD ,HIST	0		ND
AGI-MW-9	MW	2/1/94	LEAD ,HIST	0		ND
AGI-PW-2	MW	8/1/93	LEAD ,HIST	0		ND
AGI-PW-3	MW	8/1/93	LEAD ,HIST	0		ND
AGI-TW-1	MW	8/1/93	LEAD ,HIST	0		ND
AGI-WSW-1	MW	1/1/94	LEAD ,HIST	0		ND
MYC-W-10	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-11	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-12	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-14	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-18	MW	5/1/93	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-18	MW	7/1/93	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-18	MW	1/1/94	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-19	MW	5/1/93	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-7	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-8	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
MYC-W-9	MW	10/1/91	LEAD, SOLUBLE ,HIST	0		ND
AGI-MW-10	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-11	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-12	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-13	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-14	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-16	MW	2/1/94	TOLUENE ,HIST	0		ND
AGI-MW-2B	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-3	MW	7/1/93	TOLUENE ,HIST	0		ND
AGI-MW-3B	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-4	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-4B	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-5	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-6	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-7	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-8	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-MW-9	MW	8/1/93	TOLUENE ,HIST	0		ND
AGI-WSW-1	MW	12/1/93	TOLUENE ,HIST	0		ND
MW-3	MW	6/8/95	TOLUENE ,HIST	0		ND
MYC-W-12	MW	10/1/91	TOLUENE ,HIST	0		ND
MYC-W-12	MW	7/1/92	TOLUENE ,HIST	0		ND
MYC-W-12	MW	10/1/92	TOLUENE ,HIST	0		ND
MYC-W-12	MW	1/1/93	TOLUENE ,HIST	0		ND
MYC-W-12	MW	4/1/93	TOLUENE ,HIST	0		ND
MYC-W-12	MW	7/1/93	TOLUENE ,HIST	0		ND

TABLE E-22: GROUNDWATER SAMPLES EXCLUDED FROM MAPS
DUE TO THE ABSENCE OF AN MDL WHEN RESULT WAS ND
Sherwin-Williams Co.
1450 Sherwin Avenue
Emeryville, CA

REFERENCE ID	REFERENCE TYPE	SAMPLE DATE	ANALYTE	RESULT	MDL	QUALIFIER
MYC-W-12	MW	1/1/94	TOLUENE ,HIST	0		ND
MYC-W-13	MW	4/1/92	TOLUENE ,HIST	0		ND
MYC-W-13	MW	7/1/92	TOLUENE ,HIST	0		ND
MYC-W-13	MW	10/1/92	TOLUENE ,HIST	0		ND
MYC-W-13	MW	4/1/93	TOLUENE ,HIST	0		ND
MYC-W-15	MW	5/1/93	TOLUENE ,HIST	0		ND
MYC-W-15	MW	7/1/93	TOLUENE ,HIST	0		ND
MYC-W-5	MW	10/1/90	TOLUENE ,HIST	0		ND
MYC-W-5	MW	4/1/92	TOLUENE ,HIST	0		ND
MYC-W-5	MW	7/1/92	TOLUENE ,HIST	0		ND
MYC-W-5	MW	10/1/92	TOLUENE ,HIST	0		ND
MYC-W-5	MW	1/1/93	TOLUENE ,HIST	0		ND
MYC-W-5	MW	4/1/93	TOLUENE ,HIST	0		ND
MYC-W-5	MW	7/1/93	TOLUENE ,HIST	0		ND
MYC-W-5	MW	1/1/94	TOLUENE ,HIST	0		ND
TMC-MW-1	MW	7/20/89	TOLUENE ,HIST	0		ND

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F.7.6 Laboratory Custody Procedures F-19

F.1 INTRODUCTION

This appendix provides detailed descriptions of sampling and data gathering procedures that will be used during the field investigation conducted at the Site as discussed in *the "Workplan for Site Investigation"* prepared by Levine-Fricke-Recon dated June 2, 1997, amendments and clarifications dated September 10, 1997, and this Workplan Addendum. This Sampling and Analysis Plan (SAP) has been prepared in accordance with the guidance manual "Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA" (USEPA October 1988: PB89-184626). As described in the guidance document a SAP should include two parts: a Quality Assurance Project Plan (QAPP) and a Field Sampling Plan (FSP). The QAPP for this project was submitted as a separate document (see *Quality Assurance Project Plan for Site Investigation at the Sherwin-Williams Facility* prepared by ENTRIX dated April 30, 1998). Thus, this appendix presents the FSP portion of the SAP. In accordance with EPA guidance, this SAP/FSP is organized into the following six sections:

Section 2.0 Site Background,

Section 3.0 Sampling Objectives,

Section 4.0 Sample Location and Frequency,

Section 5.0 Sample Designation,

Section 6.0 Sampling Equipment and Procedures, and

Section 7.0 Sample Handling and Analysis.

The Workplan describes the specific field activities that will be performed at the Site. This appendix is to be read in conjunction with the Workplan and the other appendices in the Workplan.

F.2 SITE BACKGROUND

Sherwin-Williams owns and operates a coating manufacturing plant located at 1450 Sherwin Avenue, Emeryville, California. The plant has operated since the early 1900's , manufacturing various types of coating products, and for a period between the 1920's and 1940's produced lead-arsenate pesticides. In 1987, the manufacturing operations converted from producing oil-based products to water-based products. As part of the change in manufacturing operations, several storage tanks, including an oil tank storage area and a solvent tank storage area, were dismantled and several manufacturing areas were closed, including an alkyd resin manufacturing facility, lacquer manufacturing facility and the former pesticide manufacturing area. A detailed discussion of Site background is presented in Section 2.0 of the Workplan Addendum.

Several phases of soil and groundwater investigations have been undertaken at the Site since 1989 to present. In addition to investigation on the Sherwin-Williams Site, investigations have also been conducted on offsite locations including the Rifkin property, formerly located at 4525-4623 Horton Street, Horton Street itself, Temescal Creek, and the Southern Pacific Railroad (now Union Pacific Railroad). Between 1994 and 1996, several interim remedial measures have been constructed at the Site including an environmental cap, slurry wall, and a groundwater extraction and treatment system.

F.3 SAMPLING OBJECTIVES

This FSP/SAP supports the field investigation work proposed in the Workplan Addendum. The Workplan Addendum includes a discussion of additional data that will be collected to address data gaps and provide sufficient information to support the human health and ecological risk assessments, and the feasibility study. A detailed discussion of data gaps is provided in Section 4.0 and the proposed remedial investigation tasks are described in Section 5.0 This FSP/SAP supports the field portion of the remedial investigation tasks proposed in this Workplan Addendum.

F.4 SAMPLE LOCATION AND FREQUENCY

A detailed discussion of sampling locations, analyses and rationale is presented in Section 6.0 in the Workplan Addendum. The Workplan Addendum proposes the collection of additional soil and groundwater samples from soil borings and monitoring wells, surface water sampling, sediment sampling and a tidal influence study. Several sampling techniques will be employed at the Site including soil borings using the EnviroCore sampling system, monitoring well and piezometer installation using hollow-stem auger drilling techniques, and cone penetrometer testing (CPT). A detailed description of each sampling location, sample matrix and analyses to be performed is presented in Section 5.0. Collection of an appropriate number of field QC samples is described in the QAPP (ENTRIX, April 30, 1998).

F.5 SAMPLE DESIGNATION

In accordance with the QAPP for the project (ENTRIX, April 30, 1998), each sample collected for analytical testing will be assigned a unique number consisting of an alphanumeric code that identifies the investigative area, sample type (well, soil boring, etc.), the sampling location, phase of work (as applicable), and depth for soil samples. Further details on sample labeling procedures are presented in Section F.7.2 (Appendix F).

The following provides a brief description of the naming system for sampling locations and samples, including field quality control samples. All samples submitted to a laboratory will be encoded with "blind" sample identifiers.

F.5.1 LOCATION NUMBERING SYSTEM

The numbering system for new sampling locations will consist of an alphanumeric code of ten characters or less of the form: "XX-FF-NNN". These location names will appear on all maps and tables and will have associated XY coordinates:

Location Names: XX-FF-NNN

Sample location identifiers will be of the form "XX-FF-NNN", where:

XX = Investigative Area: HT = Horton Street
BG = BGR Shell
NW = Northwest Area
RP = Rifkin Property
IS = Sherwin-Williams (Inside Slurry Wall)
SA = Sherwin Williams (Southern Area – Outside Slurry Wall)

FF = Feature Type: BH = borehole
MW = monitoring well
See look-up list in Table E-1 – others can be added as required

NNN = Sequential number beginning with 001, 002,...999

Examples:
HT-SS-001 is a surface soil location on Horton Street
RP-MW-001 is a monitoring well on the Rifkin Property
SA-CP-002 is a CPT location in the Southern Area
IS-BH-003 is a borehole located on the SW property inside the slurry wall

F.5.2 SAMPLE NUMBERING SYSTEM

The sample numbering system for samples collected from discrete depths (i.e. soil, sediment, groundwater grabs, surface water) will consist of an alphanumeric code of twenty characters or less of the form: XX-FF-NNN-###(-D). Sample identifiers will be encoded so as to be "blind" to the laboratory.

Discrete Depth Sample: XX-FF-NNN-###(-D)

Discrete depth samples will be of the form "XX-FF-NNN-###(-D) where:

XX = Investigative Area Code: 10 = Horton Street
20 = BGR Shell
30 = Northwest Area
40 = Rifkin Property
50 = Sherwin-Williams (Inside Slurry Wall)

60 = Sherwin Williams (Southern Area - Outside Slurry Wall)

FF = Feature Type Code: 14 = borehole
36 = monitoring well,
See look-up list in Table E-1 – others can be added as required

NNN = Sequential number beginning with 001, 002…999 as above

###= depth or depth range at which the sample was taken (2.5, 6.0-6.5, etc. Use 0.0 to indicate samples taken at the surface)

-D= Identifier for field duplicates only.

Examples:
40-14-001-2.0 and 40-14-001-2.0-D are samples (the original and it's duplicate) from a bore hole named RP-BH-001. The samples were taken at a depth of 2.0 ft.
40-20-004-4.5 is a sample from a CPT location named RP-CP-004 taken at a depth of 4.5 ft.
50-20-010-2.5-3.5 is a sample from CPT location, IS-CP-010, taken from a depth range of 2.5-3.5 ft.

Well Sample: XXFF-NNN-MMYY(-D)

Well samples collected without reference to depth will be of the form "XXFF-NNN-MMYY(-D)", where:

XX = Investigative Area: 10 = Horton Street
20 = BGR Shell
30 = Northwest Area
40 = Rifkin Property
50 = Sherwin-Williams (Inside Slurry Wall)
60 = Sherwin Williams (Southern Area – Outside Slurry Wall)

FF = Feature Type Code: 14 = borehole
36 = monitoring well (See look-up list in Table E-1 – others can be added as required)

NNN = Sequential number beginning with 001, 002…999 as above

MMYY= Month and year sample was taken (0398, 1098, etc.)

-D= Identifier for field duplicates only. Use "-D" at the end of the sample name on the COC otherwise do not use.

Examples:
50-36-002-0998 is a well sample taken from IS-MW-002 in September, 1998.
50-36-002-0998-D is the field duplicate for that sample.
Field quality-control samples (trip blanks, equipment rinsates, and source waters) will be of the form "FFN-MMDDYY".

Field QC Sample: FFN-MMDDYY

Field QC samples will be of the form "FFN_MMDDYY", where:

FF = QC Sample Code: 99 = Equipment rinsate
98 = Trip blank
See look-up list in Table E-1 – others can be added as required.

N = sequential number beginning with 1,2,3…9

MMDDYY= Month, day and year sample was taken (031798, 100598, etc.)

Examples: 981-041098 = Trip Blank #1 on 04/10/98
982-041098 = Trip Blank #2 on 04/10/98
991-120598 = Equipment rinsate #1 on 12/05/98

F.6 SAMPLING EQUIPMENT AND PROCEDURES

F.6.1 CONE PENETRATION TESTING BORINGS

Cone penetration testing (CPT) borings will be advanced to assess physical characteristics of the following shallow and deeper sediments at the Site. Data collected from CPT borings are used to identify lithologic units using an instrumented probe, with a conical tip and friction sleeve. These devices measure various geologic, geotechnical, and hydrologic parameters, by correlating resistance on the cone tip; frictional resistance along the cylindrical friction sleeve; probe inclination; and pore water pressure. The data generated from the CPT borings will be used to identify changes in subsurface lithology.

The CPT probe, which is attached to a string of steel pipe segments, will be advanced using a truck-mounted, hydraulic ram with a maximum reaction of 25 tons. The probe will be advanced at an approximate rate of 2 centimeters per second, while measurements are recorded continuously and relayed directly to an on-board computer. Lithologic and hydrologic data based on cone tip resistance, sleeve friction, probe inclination, and pore water pressure measured by the cone-tipped probe are printed out by the computer as the probe advances. When the desired depth is reached, the CPT probe and the string of steel pipe segments will be removed from the borehole and the open CPT boring will be grouted to approximately 1 to 2 feet bgs with a cement/bentonite slurry using a tremie pipe. The remainder of the boring will be filled with topsoil or pavement to provide an even surface.

For CPT borings drilled into deeper zones, the "grout collar" method of backfilling the boring will be used as an extra precautionary measure, in an attempt to prevent potentially affected materials in shallow groundwater from being transported to deeper groundwater zones during the advancement of the CPT boring. The "grout collar" method is implemented by placing a rubber seal at the ground surface of the borehole. Grout is then injected from the CPT tip as the CPT cone and rods are advanced through the sediments. Grout is also injected as the CPT cone and rods are removed from the borehole to approximately 1 to 2 feet bgs with a cement/bentonite slurry using a tremie pipe. The remainder of the boring will be filled with topsoil or pavement to provide an even surface.

F.6.2 Soil Boring and Soil Sampling Procedures using the Hollow-Stem Auger Drilling Method

Soil borings will be advanced using the hollow-stem auger drilling method. All equipment that will be used in the borehole during the drilling process will be washed with high pressure hot water (steam cleaned) before use at each investigation location.

F.6.2.1 Soil Boring Drilling Procedures

The hollow-stem auger drilling method consists of a truck-mounted, drill rig rotating tubular steel augers into the soil. The augers consist of a hollow axle with steel flights spirally welded on the outside. A hollow drill bit is attached to the first auger that is advanced into the soil. The hole in this bit is plugged during drilling with a solid steel plug or a continuous core barrel soil sampler. As the augers are rotated into the soil, the sediments encountered in the middle of the boring are forced into the continuous core barrel sampler, and the sediments encountered on the outer edges of the bit and lead auger are cut and conveyed to the ground surface via the outer flights of the auger. The continuous core barrel which is connected to the drill rig by steel drill rods or cable, is extracted from the bit and lead auger whenever a new section of auger is added (typically every 5 feet), or more often depending on the soil sampling procedures and on the recovery success experienced. This drilling method allows soil sampling and completion of the monitoring well to be conducted inside the augers while the boring remains open. The augers are slowly removed from the borehole as the monitoring well casing, sand, bentonite, and/or grout are added from the bottom up.

After all of the soil samples have been collected and the lithology of the boring is logged, the boring will be abandoned and sealed with a cement/bentonite slurry. Depending on the total depth of the boring the slurry will be pumped into the boring through a tremie pipe placed in the bottom of the boring or poured into the top of the open boring, and the boring will be filled to approximately 1 to 2 feet bgs. The remainder of the boring will be filled with topsoil or pavement to be provide an even surface.

F.6.2.2 Soil Sampling

Subsurface soil samples will be collected during hollow-stem-auger drilling for chemical analysis, physical parameter analysis, field screening for organic vapors using a photoionization detector (PID), and/or lithologic description. Soil samples to be analyzed for their physical parameters or the presence of chemicals will be collected using a continuous core barrel sampler and/or a modified California sampler lined with clean clear acetate or brass tubes. Soil samples collected for field screening and lithologic description will be collected in an unlined continuous core barrel sampler.

During drilling, soil samples will be collected on a continuous basis using a nominal 60-inch-long continuous core barrel of appropriate diameter. At locations where soil samples may be retained for laboratory analyses, the continuous core barrel will be lined with 6-inch-long clear acetate or brass tubes. Continuous soil samples will be collected as the soil boring is advanced. The shoe of the sample barrel will extend out in front of the lead auger bit as the boring is advanced, allowing the sample barrel to be filled with relatively undisturbed material during the drilling process.

When the continuous core barrel is extracted from the borehole, each core will be opened to expose the acetate or brass tubes. The core will be examined and lithologically logged. Soil will be lithologically logged either by extruding the soil from the tube or, if the sediment cannot be extruded, examining and logging both ends of the tube. Samples retained for chemical or physical analysis will remain undisturbed. The soil sample tubes will be immediately sealed with Teflon tape, fastened with a plastic cap, and labeled. The samples will then be placed into an ice chest containing sufficient volume of ice to maintain a temperature of 4 degrees Celsius (4°C) for transport to the analytical laboratory following strict chain-of-custody protocols.

Soil samples for possible laboratory analysis and/or lithologic description will be collected at regular intervals, to be determined by the project manager, using a split-spoon sampler at borings drilled using the hollow-stem-auger drilling method. The split spoon sampler will be either 18 or 24 inches long and either 2 or 3 inches in diameter. The sampler will be lined with either a brass, stainless steel, or butyl sampling tube. The choice of sample tube will be determined based on the analyses requested. To collect the samples, the sampler will be driven 18 or 24 inches into undisturbed soil using a nominal 140 pound hammer dropped 30 inches. Blow counts required to drive the sampler 6-inches will be recorded on the lithologic log form. Samples will be handled and retained using the same methods described for samples collected using the core barrel.

F.6.3 EnviroCore Sampling

Soil and groundwater samples are proposed to be collected using the EnviroCore sampling method. Samples will be collected by pushing hollow steel rods into the subsurface using a hydraulic jack hammer system. The hollow rods consist of an inner sampling rod and an outer rod, which serves as a temporary drive casing. During soil and

groundwater sampling, these two sets of rods will be nested together and driven into the soil simultaneously. The inner sampling rod will obtain and retrieve the soil cores. The outer rod will remain in place during sampling to prevent collapse of the boring.

F.6.3.1 Soil Sampling

Soil samples for lithologic description and possible chemical analysis will be collected from the borings advanced using the EnviroCore technique. Samples collected during drilling will be screened for organic vapors using a photo ionization detector (PID) and described using the Unified Soil Classification System. The PID readings and soil descriptions will be recorded on field boring log forms.

Soil samples will be collected for lithologic description and possible chemical analysis using a clean 3-foot-long sample barrel attached to the inner sampling rods. Dependent on the analyses requested, the sample barrel will be lined with either a brass, stainless, or butyrate liner. After the sample barrel has been driven 3 feet into the soil, the soil sample will be retrieved using a hydraulic winch. After sample retrieval, a new, clean sample barrel will be attached and the inner rods will be placed back into the borehole. Additional 3-foot-sections of inner and outer rods will then be attached and the sampler driven another 3 feet into the soil.

After collection, the soil sample contained in the liners will be removed from the sampler. The sample will be visually inspected and logged by cutting open the butyrate liner at specific intervals. The soil sample liners retained for chemical analysis will be immediately sealed with Teflon tape, fastened with a plastic cap, and labeled. The samples will then be placed into an ice chest containing sufficient volume of ice to maintain a temperature of 4°C for transport to the analytical laboratory following strict chain-of-custody protocols.

After the desired depth has been reached, the borehole will be sealed with cement/bentonite grout. The grout will be pumped into the borehole through a small tube inserted into the outer rods. The outer rods and tubing will then be removed as the grout fills the borehole from the bottom to the ground surface.

F.6.3.2 Groundwater Sampling: First Encountered Groundwater

When the first groundwater bearing zone is encountered during EnviroCore sampling, the sample barrel and inner rods will be removed and the drive casing will be pulled up approximately 3 feet to allow groundwater to flow into the borehole. A grab groundwater sample will then be collected by lowering a clean Teflon or stainless steel bailer into the groundwater.

Groundwater samples will be poured from the bailer into laboratory-supplied sample containers, labeled with the boring identification number, the time and date of collection, the analysis requested, and the name of the sampler. The samples will be stored in an ice

chest containing a sufficient volume of ice to maintain a temperature of 4°C for transport to the analytical laboratory, and maintained under strict chain-of-custody protocols.

F.6.3.3 Groundwater Sampling: Deeper Groundwater

When the deeper groundwater bearing zones are encountered during EnviroCore sampling, samples are proposed to be collected in the following manner. At each deeper interval, the sample barrel and inner rods will be removed and nominal 1-inch diameter polyvinyl chloride (PVC) well casing and screen (5 to 10 feet in length) will be inserted through the drive casing to the base of the boring. The drive casing will be pulled up approximately 3 feet to allow groundwater to flow into the PVC screen. A grab groundwater sample will then be collected by lowering a clean Teflon or stainless steel bailer into the PVC casing.

Groundwater samples will be poured from the bailer into laboratory-supplied sample containers, labeled with the boring identification number, the time and date of collection, the analysis requested, and the name of the sampler. The samples will be stored in an ice chest containing sufficient volume of ice to maintain a temperature of 4°C for transport to the analytical laboratory, and maintained under strict chain-of-custody protocols.

F.6.4 Lithologic Logging and Documentation

Continuous soil cores and soil samples will be collected for lithologic description. Soil type and characteristics will be examined and described by a geologist or engineer, who will maintain a complete record of these descriptions on a lithologic log. Sediments will be described in accordance with the Unified Soil Classification System. At a minimum, the following information will be recorded, as appropriate, on the log:

Project name and location

Soil boring location

Sampling depth

Sediment classification

Sediment color

Moisture condition of the sediment

Percentage of fine-grained material (clay and silt), sand, and/or gravel, if it is present

Sediment odor (if noticed incidentally and consistent with health and safety precautions)

PID or flame ionization detector (FID) field measurements

Descriptive comments, including obstacles encountered or other drilling difficulties

Depth to first encountered groundwater

Depth to stabilized groundwater (if possible)

Depth of fill material (if present)

Depth to bedrock (if encountered)

Supervising geologist/engineer's signature and date

A California Registered Geologist or Professional Engineer will review and approve the lithologic logs.

F.6.5 Field Screening of Soil Samples

Selected soil samples will be field screened for the presence of organic vapors. The concentration of organic vapors will be measured with portable field monitoring equipment and will provide semi-quantitative data. Portable field monitoring equipment may include, but is not restricted to, a PID or an organic vapor analyzer (OVA) equipped with a FID.

The selected soil sample will be placed in a glass jar or plastic bag. The lid of each jar will have a hole slightly larger than the PID or FID probe. After the jar with the soil sample is shaken and allowed to stabilize for approximately 5 minutes, the PID or FID probe will be inserted into the hole in the lid and through the aluminum foil sheet. If the plastic bag is used, the soil sample will be shaken and allowed to stabilize for approximately 5 minutes, and the PID or FID probe will be placed directly through the bag. The maximum reading detected by the PID or FID will be noted in the bound field log book and on the lithologic logs.

F.6.6 Soil Sampling For Laboratory Analyses

The continuous core barrel sampler and modified California sampler will be decontaminated in accordance with the procedures in this appendix. Only new, clean sample tubes will be used for sample collection.

Soil sampling for laboratory analyses will be performed in accordance with ASTM Method D-4547. For example, the modified California sampler (or continuous core barrel sampler) will be opened without being shaken, the liners will be separated from each other using a clean, flat tool such as a putty knife, and then removed from the sampler.

Samples will be selected for chemical analysis based on lithology, visual observations, and field instrument readings. Final decisions regarding the submittal of soil samples for

fixed laboratory analysis will be based on site conditions. Teflon tape will be placed on both ends of the soil sample tubes selected for chemical analysis and a plastic cap will be sealed over each end of the tube. The sample will then be labeled and placed in an ice chest with sufficient volume of ice to maintain a temperature of 4°C for shipment to the laboratory under strict chain-of-custody protocol described below.

F.6.7 Groundwater Monitoring Well Installation Procedures

Groundwater monitoring wells are currently anticipated to be installed in first encountered groundwater and deeper groundwater. All wells will be installed by the hollow-stem auger drilling method. Deeper wells will be double-cased with conductor casing installed to seal the shallow sediments.

F.6.7.1 Groundwater Monitoring Wells: First Encountered Groundwater

When the nominal 8- or 10-inch diameter borings are advanced to the desired depth, monitoring wells will be constructed in them by placing the well casing and screen inside the hollow-stem auger. Materials used to fill the annular space between the well casing and the borehole wall, consisting of filter sand, bentonite, and cement/bentonite grout, will be added as the hollow-stem augers are removed from the boring. This process will ensure that the boring remains open and well materials are properly placed in the boring.

The annular space between the well casing and the inside of the hollow-stem augers will act as a tremie pipe for the placement of the sand pack and bentonite pellets. The cement seal will be pumped into place through a tremie pipe.

Well casings will be constructed of 2-inch diameter PVC pipe. Well screens will consist of continuous slot PVC. The sand filter pack size and the size of the well screen slots will be selected to minimize passage of sand filter pack material through the screen and inhibit movement of fine-grained material from the formation into the well. The filter pack will extend no more than 2 feet above the top of the screened interval. Approximately 2 feet of bentonite pellets will be placed on top of the filter pack and the remaining annular space above the sand pack will be completely filled by tremie grouting or pouring with a cement/bentonite seal, for the entire length of the borehole. A locking well cap will then be placed over the top of the casing to protect the integrity

F.6.7.2 Groundwater Monitoring Wells: Deeper Groundwater

The deeper monitoring wells will be double-cased using the hollow-stem auger method. A 12-inch-diameter borehole will be drilled to the top of the fine-grained interval which separates the shallow and deeper water-yield intervals. An 8-inch-diameter steel conductor casing will be placed in the borehole and pushed approximately one foot into the fine-grained interval to prevent potentially affected shallow groundwater from being conveyed into the deeper groundwater during well construction. The conductor casing will be assembled using carbon steel welded together in the field to the required length. The conductor casing will be cemented in place using a neat cement grout with

approximately 5 percent bentonite. The cement grout will be allowed to set for approximately 24 hours before drilling resumes.

After the conductor casing annular seal grout has cured, the water or drilling material inside the conductor casing will be pumped out, and the conductor casing will be flushed with potable water. When the flushing process is completed, the remaining water will be pumped out of the conductor casing. A boring will then be drilled with 6-inch hollow-stem augers through the conductor casing into the deeper zone, estimated to be 40 feet bgs. The deeper monitoring wells will then be completed with 2-inch-diameter PVC casing, with a maximum of 10 feet of slotted screen to approximately 40 feet bgs using methods as described for the shallow wells.

F.6.7.3 Monitoring Well Development

All newly installed wells will be developed a minimum of 12 hours after well installation. Wells will be developed by first surging the screened interval using a surge block and then bailing the well to remove the suspended sediment. This process will be repeated until the well shows significant decrease in sediment.

Wells will then be purged with 2-inch submersible pumps. During well development, field parameters (pH, temperature, conductivity, and turbidity) will be monitored at every purge volume. Well development will be discontinued when pH, temperature, and conductivity have stabilized (within 15 percent of the previous measurement), and the purge water contains relatively little sediment. Information will be recorded on water quality sampling information forms.

Groundwater purged during well development will be temporarily stored on site and pumped through the on-site groundwater treatment system. Pumps and other downhole equipment will be decontaminated between wells by steam cleaning.

F.6.7.4 Groundwater Sampling

Groundwater samples will be collected from each well installed during the investigation. Existing Site monitoring wells are sampled on a quarterly basis, as part of the periodic monitoring program. As new wells are installed, they may be added to the periodic monitoring program. Monitoring wells will be sampled no sooner than 24 hours after well development.

Well Purging. To assure representative sample collection, the monitoring wells will be purged of three to five well casing volumes of water using a 2-inch diameter submersible pump or by hand bailing with a stainless steel bailer, before sampling. The purging pumps will be fitted with backflow prevention valves to prevent purge water from re-entering the wells when the pump is turned off. The tubing fitted to the pump will be laboratory grade polyethylene, and will be dedicated to the specific well in which it is used. Cumulative discharge from each well will be determined either manually (e.g., by

periodically filling a bucket of known volume), or through the use of a flow meter attached to the pump's discharge tubing.

Hand bailing will be performed by slowly lowering the bailer into the well on new, or dedicated nylon cord, to the point where the bailer fills with water. The bailer will then be removed from the well and discharged into a container of known volume. This process will be repeated until the desired amount of water has been purged from the well.

Samples will be collected from the discharge during purging and measured for pH, temperature, and specific conductance. These samples will be collected after approximately one well casing volume of groundwater has been purged. The sample containers in which these field parameters will be measured are wide-mouthed jars. If the pH, temperature, and specific conductance stabilize to within 15 percent for two successive samples after three well casing volumes of groundwater are removed, and the water is relatively clear or free of sediment, purging will stop and the groundwater sample will be collected. If the field parameters have not stabilized after five well volumes have been removed, purging will stop and the water samples will be collected. The field parameters will be recorded on the water quality sampling information form. Purged water will temporarily be stored on site and pumped into the on-site groundwater treatment system.

Samples will be collected from the monitoring wells as soon as a sufficient volume of water has recovered in the well and no more than two hours after purging. If a well is pumped dry during purging, it will be allowed to recover to 80 percent of the original volume (or after maximum of 2 hours) and will be sampled. The time required to purge a well will be recorded on the water quality sampling sheet.

Sample Collection. Following well purging, the pumps, tubing, and safety line will be removed from the well. Groundwater will be sampled using a clean Teflon, stainless steel, or new disposable polyethylene bailer. The bailer will be lowered into the well using a new length of nylon rope.

The final depth to water at the time of sample collection will be recorded on a water quality sampling information form.

The samples will be placed in appropriate sample containers, capped, labeled, and stored in an ice chest that contains sufficient volume of ice to maintain a temperature of 4 degrees Celsius. The samples will be transported to the analytical laboratory following the protocol established in these SOPs.

Samples designated for laboratory analysis will be collected in appropriate laboratory-supplied containers. Collected samples will be recorded on the water quality sampling information forms. All samples will be labeled with the collector's initials, a unique sample identification number (well identification), time of sampling, date, location, sample type, analytical method, and preservative used. Complete chain-of-custody forms will accompany the samples to the designated laboratory.

F.6.8 DECONTAMINATION PROCEDURES

F.6.8.1 Equipment Decontamination

All equipment used during investigation/remedial activities that could come into contact with potentially chemically affected materials will be thoroughly cleaned, before and after each use, by washing with high pressure hot water and/or washing with Alconox (a laboratory-grade detergent) and rinsing with deionized, distilled, or fresh water. Decontamination procedures may be modified and/or revised based upon the data obtained.

In between soil sampling intervals, the soil samplers will be cleaned with an Alconox solution and potable water. Before each drilling operation, any portions of the rig that may come in contact with sampling materials will be washed with high pressure hot water.

Groundwater sampling and field equipment will be decontaminated as follows:

Accessible exterior and interior portions of groundwater pumps will be washed using high pressure hot water or washed with an Alconox solution before use at each sampling location. Unreachable interior pump areas will be cleaned either by flushing near-boiling clean water through the pump and discharge lines (bladder pump), or by flushing the pump and discharge lines with an Alconox solution and rinsing with clean water.

Teflon or stainless steel bailers will be washed with high pressure hot water or washed with an Alconox solution and rinsed with clean water before use at each sampling location. Bailer ropes will be replaced after use in each boring or well/piezometer and, while in use, will be protected from contact with the ground or chemically affected equipment and/or skin.

Well screens will be washed with high pressure hot water before use. A new well screen will be used at each location.

F.6.9 SITE SURVEYING

A ground survey will be conducted by a land surveyor licensed in the State of California. A survey and mapping coordinate system will be developed, which will include the establishment of a permanent benchmark at the Site. Site base and vicinity maps will be produced from existing Site maps and Site surveying activities. The survey and mapping system will be based on a grid system. Horizontal control will be based on the California Coordinate System.

All existing and new groundwater monitoring wells, extraction wells, soil borings, CPT boring locations, and other investigation locations or other pertinent investigation features will be located in both the vertical (z) and both horizontal (x, y) planes. The horizontal

control will be surveyed to the nearest half (0.5) of a foot. The vertical control will be surveyed to the nearest hundredth (0.01) of a foot. In addition, the elevations of tops of well casings and tops of well monument covers will be established to the nearest hundredth (0.01) of a foot at each monitoring well. The tops of well casings will be clearly marked with a surveyed punch mark on the north side of the top of the casing of each of the monitoring wells.

F.6.10 TIDAL INFLUENCE MONITORING

Tidal influence monitoring well selection and field methods and data collection are discussed in the following sections.

F.6.10.1 Monitoring Well Selection and Field Methods

For each test, a temporary surface water monitoring station will be constructed to monitor changes in the water level in Temescal Creek. Barometric pressure and published tide tables for San Francisco Bay will be included in the analysis of the tidal study data.

The criteria used to select monitoring wells for the tidal influence monitoring are proximity to Temescal Creek and existing slurry wall and well location, depth, and subsurface lithology.

Water levels in the wells and surface water station, will be measured using pressure transducers and automated data loggers and electric water level sounding instruments. Water levels will be recorded periodically over a continuous 72-hour period.

F.6.10.2 Water Level Data Evaluation

The water level data collected during the tests will be evaluated by constructing hydrographs for each monitoring location. These locations will be compared with the surface water monitoring station and the published tide tables for the San Francisco Bay hydrograph.

F.6.10.3 Surface Water Sampling

Surface water samples of lower Temescal Creek will be collected from the downstream-most location first, and then proceed to each successive upstream location. One round of surface water samples will be collected during high tide (MHHW) and one set will be collected during low tide (MLLW) on the day of sampling. In order to minimize entrainment of sediment into the water column from field sampling activities, field personnel will stand downstream of each sample location during sample collection. At each location, a 2-liter collection bottle will be filled with water by holding the bottle at the surface (upper 5 centimeters of the water column) until the collection bottle was approximately one-half full, then submerging the bottle to mid-depth of the water column until full, and sealing the bottle underwater. The water will be decanted from the collection bottle into laboratory-supplied sample containers. Appropriate sample

containers and preservation methods will be used as described in the QAPP for the project. All sample containers will be labeled as described in Sections F.5.0 and F.7.0.

Streamflow will also be measured in Temescal Creek at the time of the surface water sample collection during the high and low tides. Streamflow will be measured with a current meter (Price-Current, Marsh McBirney, or Swoffer flow meter) using standard US Geological Survey techniques for gauging discharge (USGS, 1968). These techniques include measuring stream flow velocity and depth at increments across the channel width at each sampling location. The velocity and depth measurements will be recorded in a field notebook and used to calculate total discharge at each site during low and high tides.

F.6.10.4 Sediment Sampling

Bulk sediment samples will be collected from the streambed of Temescal Creek to characterize the typical streambed particle size distribution. Representative samples will be collected at each of the three water quality sampling locations using a core sampler with a minimum diameter of 4 inches. The sampler will be driven into the streambed sediments to a depth of approximately 1 to 2 ft (prior observations and measurements indicate 1-2 ft. is the minimum depth of deposited sediment in the channel). Sediments will be removed from the core sampler and placed in a suitable container for transport to a laboratory.

Laboratory analysis will include drying and sieving the sediments, and sorting into size classes at ½-phi unit intervals, beginning with the largest clast size (likely to be small gravels) and ending with the silt/clay break, approximately 0.004mm. Particle sizes will be plotted as a cumulative size distribution for each sampling site.

The thickness of deposited sediments will also be measured at each of the three sampling locations. Sediment thickness will be measured at 5 foot increments across the channel width, so that approximately 7 measurements will be taken at each location. The sediment thickness will be determined by driving a length of graduated rebar into the streambed using a hand-held sledge, until resistance from the cement channel bottom is felt. Sediment depths will be recorded in a field notebook.

F.7 SAMPLE HANDLING AND ANALYSIS

This section describes the field procedures that will be followed in the handling of the collected samples prior to delivery to the analytical testing laboratory for analysis, including sample custody and documentation, sample labels, groundwater sample data collection forms, chain of custody, sample shipping, and laboratory custody procedures. A detailed description of sample containers, preservation methods and holding times is presented in the Table 3-1 of the QAPP for this project (ENTRIX, April 30, 1998).

F.7.1 SAMPLE CUSTODY AND DOCUMENTATION

Sample custody and documentation consists of proper sample identification, completed sample labels and sample collection data forms, and completed chain-of-custody forms. These forms will be completed using indelible ink.

Field documentation is described in detail below.

F.7.2 SAMPLE LABELS

A sample label will be completed and attached to each sample container for every sample collected. Labels consist of a waterproof material backed with a water-resistant adhesive. Labels are to be filled out using waterproof ink, and are to contain at least the following information:

Sampling date and time

Sample identification number

Investigation location

Preservatives, if any

Sampler's initials

Analyses to be conducted

F.7.3 GROUNDWATER SAMPLE COLLECTION DATA FORMS

During ground well development, well purging, groundwater sampling, and water-level measurement field activities, appropriate field log forms will be completed by the individual collecting the data for each monitoring well. These forms will contain pertinent project and well location information.

The following information will be entered on the sample collection data form at the time of sampling:

Project name and number

Investigation location

Well identification number

Sampler's initials

Time and date of sampling

Sampling method

Sample identification number

Volume of each sample container

Laboratory analyses requested

Purged volume

Well depth and diameter

Observable water conditions (e.g., color, odor [if noticed incidentally and consistent with health and safety precautions], clarity)

Groundwater level before and after sampling

Field conditions (e.g., recent precipitation, ambient temperature)

Equipment used

Indicator parameter measurements (pH, temperature, specific conductance, turbidity)

F.7.4 CHAIN OF CUSTODY

A chain-of-custody will be prepared for groups of samples collected at a given location on a given day. Each chain-of-custody will be prepared in quadruplicate and will accompany every shipment of samples to the laboratory.

Two of the four copies (white and green) will accompany the samples to the laboratory. The yellow copy will be kept in the QA/QC file, and the pink copy will be retained in the project file. The chain-of-custody form makes provision for documenting sample integrity and the identity of any persons involved in sample transfer. Information entered on the chain-of-custody will consist of the following:

Project name and number

Field logbook number

Chain-of-custody serial number

Project location

Sample numbers

Sampler/recorder's signature

Date and time of collection of each sample