REPORT ON
UNRESTRICTED SITE CLOSURE - PARCEL D SHALLOW AND DEEP SOILS
BOEING REALTY CORPORATION, FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

by

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San Diego, California

for

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Long Beach, California

File No. 28882-604
28 May 2004

HALEY & ALDRICH

REPORT ON
UNRESTRICTED SITE CLOSURE
PARCEL D SHALLOW AND DEEP SOILS

Prepared for

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HALEY & ALDRICH

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1. OVERVIEW/PURPOSE

Haley & Aldrich, Inc. (Haley & Aldrich) has conducted an evaluation for unrestricted closure (with no deed restrictions) of shallow and deep soils at Parcel D. Parcel D is one of four parcels (Parcels A through D) of the Boeing Realty Corporation's (BRC) Former C-6 Facility (Site), at 19503 South Normandie Avenue, in Los Angeles, California (Figures 1 and 2).

In 2001, the Regional Water Quality Control Board – Los Angeles Region (LARWQCB) granted closure for shallow soils (surface to 12 feet below ground surface [bgs]) based on non-residential preliminary remediation goals (PRGs) (LARWQCB, 2001). In addition, the LARWQCB granted closure in 2003 for deep soils based on non-residential PRGs (LARWQCB, 2003). However, BRC is now seeking unrestricted closure for both shallow and deep soils at Parcel D.

This request for unrestricted closure of Parcel D includes the following:

- Brief overview of land use.
- Chronology of investigation and remediation efforts, including:
  - Compilation of shallow and deep soil assessment and post-remediation laboratory analytical results.
  - Summary of previous reports and the LARWQCB-granted shallow soil closure.
- Presentation of residential PRGs adjusted for California toxicity values (Cal-adjusted residential PRGs).
- Demonstration that shallow and deep soil residual concentrations are less than the Cal-adjusted residential PRGs.

2. BACKGROUND

2.1 Site Land Use History

The Site was first developed by the Defense Plant Corporation in 1941 as part of an aluminum production plant, and was operated by the Aluminum Corporation of America until late 1944. Prior to this use, aerial photographs indicate that the Site was farmland. From 1944 until 1948, the Site was used for warehousing by the War Assets Administration, and in 1948, was acquired by the Columbia Steel Company. In March 1952, the U.S. Navy purchased the Site and established the Douglas Aircraft Company (DAC) to manufacture aircraft and aircraft parts. DAC purchased the Site from the Navy in 1970; DAC and its successor, McDonnell Douglas Corporation (created by the 1967 merger of DAC and McDonnell Aircraft Company), continued manufacturing aircraft components until 1992. The Boeing Company took ownership of the Site in 1997, when it merged with McDonnell Douglas Corporation.

The Site has been divided into four parcels (A through D), as shown on Figure 2. Parcel D, included Buildings 59, 59A and the storage yard, and was used primarily for parts storage and/or employee parking from the 1940s until the property was vacated in 1996 (CDM 1991; Integrated 1999a). Building 59 was used for a support office for the truck weighing station. Building 59A was used for hazardous waste storage, and as an equipment maintenance garage. The storage yard was used to store various parts, including aircraft parts, steel beams and pipes, concrete parking pylons, cinder blocks, tires, and a trash compactor.

The buildings and parking and storage areas were removed as part of Site redevelopment in 2000.

2.2 Chronology of Parcel D Investigation and Remediation

Site investigation activities were conducted at Parcel D in June and July 1999, October 2000, and January 2001. A list of the various investigation documents reviewed is presented in the references section of this document. A brief overview of each assessment activity and related documentation is presented below. Figure 3 shows the soil boring locations. Appendix A includes the analytical data tables for both shallow and deep soils at Parcel D.

2.2.1 Site Investigation, June/July 1999

A *Sampling and Analysis Plan* (SAP) (Integrated 1999a) was submitted to and approved by the LARWQCB (LARWQCB 1999) prior to the commencement of the investigation activities in June and July 1999. The objectives of the Parcel D investigation were to:

- Identify and delineate potential chemical impact source areas as they relate to former operations.
- Develop sufficient data to support potential remediation.
- Evaluate the horizontal extent and vertical depth of impacted soil (if any) to facilitate a post-demolition risk assessment.

The SAP proposed the installation of eight soil borings (Borings B1 through B8) to depths up to approximately 25 feet bgs. Soil samples were proposed to be collected at depths of 0.5, 5, 10, 15, and 25 feet bgs, and be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), metals, polychlorinated biphenyls (PCBs) and/or pesticides.

A Site investigation was conducted in June 1999 to characterize soil conditions in accordance with the LARWQCB-approved SAP. Based on the data collected during the Site investigation, arsenic was detected above the Site-specific health based remediation goal (HBRG) of 14 milligrams per kilogram (mg/kg) in soil Boring B3 at 0.5 feet bgs. The development of the HBRGs is described in the document titled *Health-Based Remediation Goals for Surface Soils* (Integrated 1997).

The elevated arsenic concentration at Boring B3 was further delineated using a 25-foot grid to the north, east, south, and west of Boring B3. Soil samples were collected at depths of 0.5, 1, and 2 feet bgs. Arsenic concentrations were reported to range from 3.2 to 840 mg/kg to depths up to 2.5 feet bgs (Integrated 1999b).

2.2.2 Arsenic Excavation, July/August 1999

A *Parcel D Excavation Plan* (Excavation Plan) dated July 1996 was submitted to and approved by the LARWQCB (Integrated 1996b) prior to excavation of soil exceeding the HBRG for arsenic on Parcel D. The purpose of the Excavation Plan was to describe the implementation procedures for the following activities:

- Excavate soils with arsenic concentrations above the HBRG of 14 mg/kg.
- Perform confirmation sampling.
- Backfill excavated areas with clean soil.
- Dispose excavated soil at an off-Site disposal facility.

Based on the elevated arsenic concentration in Boring B3 at 0.5 feet bgs (18 mg/kg), excavation activities were conducted. In July and August 1999, arsenic-impacted soil was excavated from an area measuring approximately 400 feet by 300 feet, extending to depths between 1.5 to 2.5 feet bgs (Integrated 1999c). Confirmation soil samples were collected and additional soil was excavated until the arsenic concentrations in the confirmation samples were less than 14 mg/kg. The approximate limits of the excavation are shown on Figure 3.

Approximately 8,200 cubic yards of non-hazardous soil were transported to the Bradley Landfill, and 42 cubic yards of non-Resource Conservation and Recovery Act (RCRA) hazardous waste were transported to Kettleman Landfill (Integrated 1999c), as documented in the *Parcel D Waste Discharge Requirement Monitoring and Reporting* document (Integrated 1999d). Based on the arsenic concentrations in the final confirmation soil samples (arsenic was not detected above 14 mg/kg at the limits of the excavation), no further excavation activities were conducted.

A *Site Investigation and Excavation Report* was prepared by Integrated (Integrated 1999c) and summarizes the investigation activities conducted in accordance with the SAP and Excavation Plan in June and July 1999.

2.2.3 Investigation of Arsenic in Groundwater Beneath Parcel D, October 2000

In a letter from the LARWQCB dated 25 February 2000 (LARWQCB 2000), the LARWQCB concurred with the completion of the arsenic-impacted shallow soil remediation activities documented in the October 1999 Integrated report (Integrated 1999c). However, the LARWQCB requested monitoring for potential arsenic impacts to groundwater beneath Parcel D. In response to this letter, a groundwater sample was obtained on 12 October 2000 from a groundwater monitoring well (XMW-09) situated on Parcel D (BRC 2000). BRC transmitted the arsenic results from the groundwater sample to the LARWQCB in a letter dated 28 November 2000. The reported arsenic concentration for the groundwater sample collected from XMW-09 was less than the laboratory detection limit of 0.010 milligrams per liter (mg/L). After review of the arsenic data, the LARWQCB indicated in a letter dated 14 March 2001 that no additional soil or groundwater investigation was required on Parcel D with respect to arsenic.

2.2.4 Parcel D, Shallow Soil Closure, January 2001

On 5 January 2001, the LARWQCB issued a "no further action is required" determination for the shallow soils at Parcel D and concurred that Parcel D could be redeveloped for commercial/industrial purposes. The LARWQCB letter further indicated that they will review the existing data and determine if any additional investigation, remediation, or monitoring is required for the deeper soils (below 12 feet bgs to the underlying groundwater).

2.2.5 Additional Deep Soil Investigation of VOC Impacts - 2001

Pursuant to a meeting in January 2001, the LARWQCB requested one additional soil boring (Boring D-1) be advanced adjacent to the former Boring B7 (Figure 3) to delineate chloroform concentrations in deep soil beneath Parcel D. Chloroform was detected in Boring B7 at the following concentrations:

- 0.0035 mg/kg at 0.5 feet bgs;
- 0.010 mg/kg at 5 feet bgs;
- 0.130 mg/kg at 10 feet bgs;
- 0.260 mg/kg at 15 feet bgs; and
- 0.330 mg/kg at 25 feet bgs.

These data are included in Table A-2, Appendix A.

On 29 January 2001, Kennedy Jenks Consultants (KJC) drilled Boring D1 immediately adjacent to the former Boring B7 location using a truck-mounted hollow-stem auger drill rig. Soil samples were collected at depths of approximately 35, 45,

and 55 feet bgs. Each sample was analyzed for VOCs using EPA Method 8260B. Laboratory results indicate that chloroform and methylene chloride were detected at concentrations slightly above the laboratory detection limits as follows:

- D-1-35 was collected at 35 feet bgs and had the following results:
  - Chloroform concentration of 0.0039 J mg/kg.
  - Methylene chloride concentration and 0.0065 mg/kg.
- D-1-45 was collected at 45 feet bgs and had the following results:
  - Chloroform concentration of 0.016 mg/kg.
  - Methylene chloride concentration of 0.0058 mg/kg.
- D-1-55 was collected at 55 feet bgs and had the following results:
  - Chloroform concentration of 0.012 mg/kg.
  - Methylene chloride concentration of 0.005 mg/kg.

The maximum concentration of chloroform detected in Boring D-1 was 0.016 mg/kg at 45 feet bgs. Boring D-1 shows that there are decreasing concentrations of chloroform with depth. Since methylene chloride had not been detected in soil samples during the June/July 1999 investigation, it's detection in Boring D1 at trace levels is not considered to be of concern. Methylene chloride and chloroform are constituents that have been detected at elevated concentrations in soil and groundwater at the adjacent Former Montrose Chemical site.

2.2.6 Parcel D, Deep Soil Closure, September 2003

Based on the results of Boring D-1, a deep soil closure report was prepared and submitted to the LARWQCB on 15 October 2001 requesting closure using non-residential PRGs (Haley & Aldrich 2001). On 19 September 2003, the LARWQCB issued a "no further action is required" determination for the deep soils at Parcel D and concurred that Parcel D could be redeveloped for commercial/industrial purposes.

3. COMPARISON OF CAL-ADJUSTED RESIDENTIAL PRGS

3.1 Cal-Adjusted Residential PRG Calculations

To evaluate if the residual soil concentrations in Parcel D are protective of human health for unrestricted use, they were compared to residential PRGs adjusted for California toxicity values (Cal-adjusted PRGs). The chemical concentrations detected in the upper 12 feet of soil at Parcel D were then compared to the Cal-adjusted residential PRGs, as summarized in Table I; and the chemical concentrations detected in the soil deeper than 12 feet bgs were compared to the Cal-adjusted residential PRGs as summarized in Table II. With the exception of the Cal-adjusted residential PRG for lead, the Cal-adjusted residential PRGs were developed from the EPA Region 9 residential PRGs (EPA 2002). Derivation of the Cal-adjusted residential PRGs was performed under the review and guidance of the Office of Environmental Health Hazard Assessment (OEHHA), which included:

- Adjusting the EPA Region 9 residential PRGs by substituting the California toxicity values (OEHHA 2003, 2004; ARB 2003) where available in place of the EPA approved toxicity values, and
- Including exposure associated with dermal contact for chemicals for which the soil ingestion pathway had been included in the EPA Region 9 residential PRGs.

Oral toxicity values were used to quantify the risk contribution in the Cal-adjusted residential PRGs for the dermal pathway.

The Cal-adjusted residential PRG for lead was derived using Version 7 of the DTSC Lead Risk Assessment Spreadsheet (LeadSpread) Model (DTSC 2000) and default assumptions for the child resident. While the LeadSpread Model calculates estimated 90th, 95th, 98th and 99th percentile blood lead concentrations, the DTSC identifies the 99th percentile blood lead as a "point of departure" (e.g., remedial actions would never be implemented when predicted blood lead levels are at or below 10 μg/dL). The child resident threshold concentration identified in the LeadSpread model using the DTSC default assumptions and the 99th percentile blood lead level is 146 mg/kg. This value was herein used as the Cal-adjusted residential PRG for lead. Appendix B includes the derivation of the Cal-adjusted residential PRGs.

3.2 Parcel D Shallow Soil Cal-Adjusted PRG Comparison

To evaluate if residual concentrations in shallow soil posed a human-health risk under an unrestricted, residential scenario, they were compared to the Cal-adjusted residential PRGs. Shallow soil boring locations are shown on Figure 3; Appendix A includes a summary of the analytical data. For the comparison, a table of maximum values of compounds detected was created (Table I) and compared to the Cal-adjusted PRGs. A review of Table I indicates that only one compound, tetrachloroethene (PCE), was detected in one soil sample above the Cal-adjusted residential PRG of 100 μg/kg. This soil sample, Par D-B6-1-0.5, was collected from Boring ParD-B6 at a depth of 0.5 feet bgs, and had a PCE concentration of 120 μg/kg. PCE concentrations at deeper depths of 5 and 10 feet bgs in this boring had concentrations of 16 μg/kg and less than 2.5 μg/kg, respectively, both less than the Cal-adjusted residential PRG.

The presence of PCE at Parcel D at concentrations greater than the Cal-adjusted residential PRG is limited. In addition, Parcel D has since been redeveloped and grading activities have occurred. These grading activities have disturbed the upper two or more feet of surface soil and the former sample location. Due to volatilization of PCE that would occur during grading, it is unlikely that PCE concentrations greater than the Cal-adjusted residential PRG remain in shallow soil on Parcel D.

3.3 Parcel D Deep Soil Cal-Adjusted PRG Comparison

To evaluate if residual concentrations in deep soil posed a human-health risk under an unrestricted, residential scenario, they were compared to the Cal-adjusted residential PRGs. Deep soil boring locations are shown on Figure 3; Appendix A includes a summary of the analytical data. For the comparison, a table of maximum values of compounds detected was created (Table II) and compared to the Cal-adjusted PRGs. A review of Table II indicates that no compounds were detected above the Cal-adjusted residential PRGs.

4. SUMMARY, CONCLUSION, AND REQUEST

Potential source areas at Parcel D were identified and the shallow and deep soils were assessed. In 1999, eight soil borings (Borings B1 through B8) were advanced to depths up to 25 feet bgs to investigate the potential source areas. Soil samples were collected and analyzed for VOCs, SVOCs, TPH, metals, PCBs and/or pesticides. Based on the analytical results, one elevated arsenic concentration (18 mg/kg) was detected in Boring B3 at 0.5 feet bgs. This arsenic concentration was delineated. Arsenic-impacted soil was excavated from an area approximately 400 feet by 300 feet and extending to depths between 1.5 and 2.5 feet bgs. Confirmation soil samples were collected and additional soil was excavated until the arsenic concentrations in the confirmation samples were less than 14 mg/kg. Approximately 8,200 cubic yards of soil were excavated and transported off-Site.

Parcel D shallow and deep soil closure was granted by the LARWQCB for commercial/industrial use in 2001 and 2003, respectively. To evaluate if the residual soil concentrations in Parcel D are protective of human health for unrestricted use, they were compared to residential PRGs adjusted for California toxicity values (Cal-adjusted PRGs) which were derived under the review and guidance of OEHHA and the LARWQCB. The Cal-adjusted PRG for lead was derived using the DTSC LeadSpread model to be protective for a child resident.

Based on the comparison of shallow and deep soils to the Cal-adjusted residential PRGs, only one occurrence of a chemical concentration (PCE) above the Cal-adjusted residential PRG was detected in shallow soils (0.5 feet bgs). However, due to volatilization of PCE that would occur during grading, it is unlikely that PCE concentrations greater than the Cal-adjusted residential PRG remain in shallow soil on Parcel D. No compounds were detected above the Cal-adjusted residential PRGs in deep soils.

Based on this comparison, a “no further action” letter for unrestricted closure of shallow and deep soil impacts at Parcel D is being requested from the LARWQCB.

5. LIMITATIONS

This report was prepared by Haley & Aldrich, Inc., under the professional direction and review of the registered professionals listed on the cover page. The work described herein was conducted in accordance with generally accepted professional engineering and geologic practice. No other warranty exists, either expressed or implied.

This report incorporates Site conditions observed and described by others as reported in records available to Haley & Aldrich as of the date of report preparation. Haley & Aldrich relied—in part—on such data collected by others in the development of interpretations about environmental conditions at the Site. The accuracy, precision, or representative nature of data originally generated by others could not be independently verified by Haley & Aldrich and would be beyond the scope of this project.

In addition, the passage of time may result in changes in site conditions, technology, or economic conditions which could alter the findings and/or recommendations of the report.

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TABLES

Table I
Shallow Soil Comparison
Former C-6 Facility, Parcel D
Los Angeles, California

Analyte	Maximum Concentration Detected	Units	Cal-Adjusted PRG	Units
4,4'-DDE	26	ug/kg	2,400	ug/kg
4,4'-DDT	8.4	ug/kg	1,700	ug/kg
Aluminum	27,200	mg/kg	57,000	mg/kg
Anthracene	100	ug/kg	16,000	ug/kg
Antimony	0.2	mg/kg	31	mg/kg
Arsenic	14	mg/kg	14	mg/kg
Barium	220	mg/kg	4,000	mg/kg
Benzo(a)anthracene	170	ug/kg	380	ug/kg
Beryllium	0.89	mg/kg	1,100	mg/kg
Chloroform	130	ug/kg	890	ug/kg
Chromium Total	34	mg/kg	120,000	mg/kg
Chrysene	190	ug/kg	3,800	ug/kg
cis-1,2-Dichloroethene	5	ug/kg	42,000	ug/kg
Cobalt	15	mg/kg	900	mg/kg
Copper	69	mg/kg	3,100	mg/kg
Endrin	2.2	ug/kg	18,000	ug/kg
Fluoranthene	320	ug/kg	2,300,000	ug/kg
Lead	27	mg/kg	146	mg/kg
Mercury	0.026	mg/kg	69	mg/kg
Nickel	26	mg/kg	4,000	mg/kg
Phenanthrene	290	ug/kg	1,700,000	ug/kg
Phenol	270	ug/kg	37,000,000	ug/kg
Pyrene	290	ug/kg	1,700,000	ug/kg
Tetrachloroethene	120	ug/kg	100	ug/kg
Thallium	1.3	mg/kg	5.2	mg/kg
Vanadium	63.6	mg/kg	550	mg/kg
Zinc	1,000	mg/kg	23,000	mg/kg

Notes:
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram

QA/QC: BB
Date: 5/28/2004

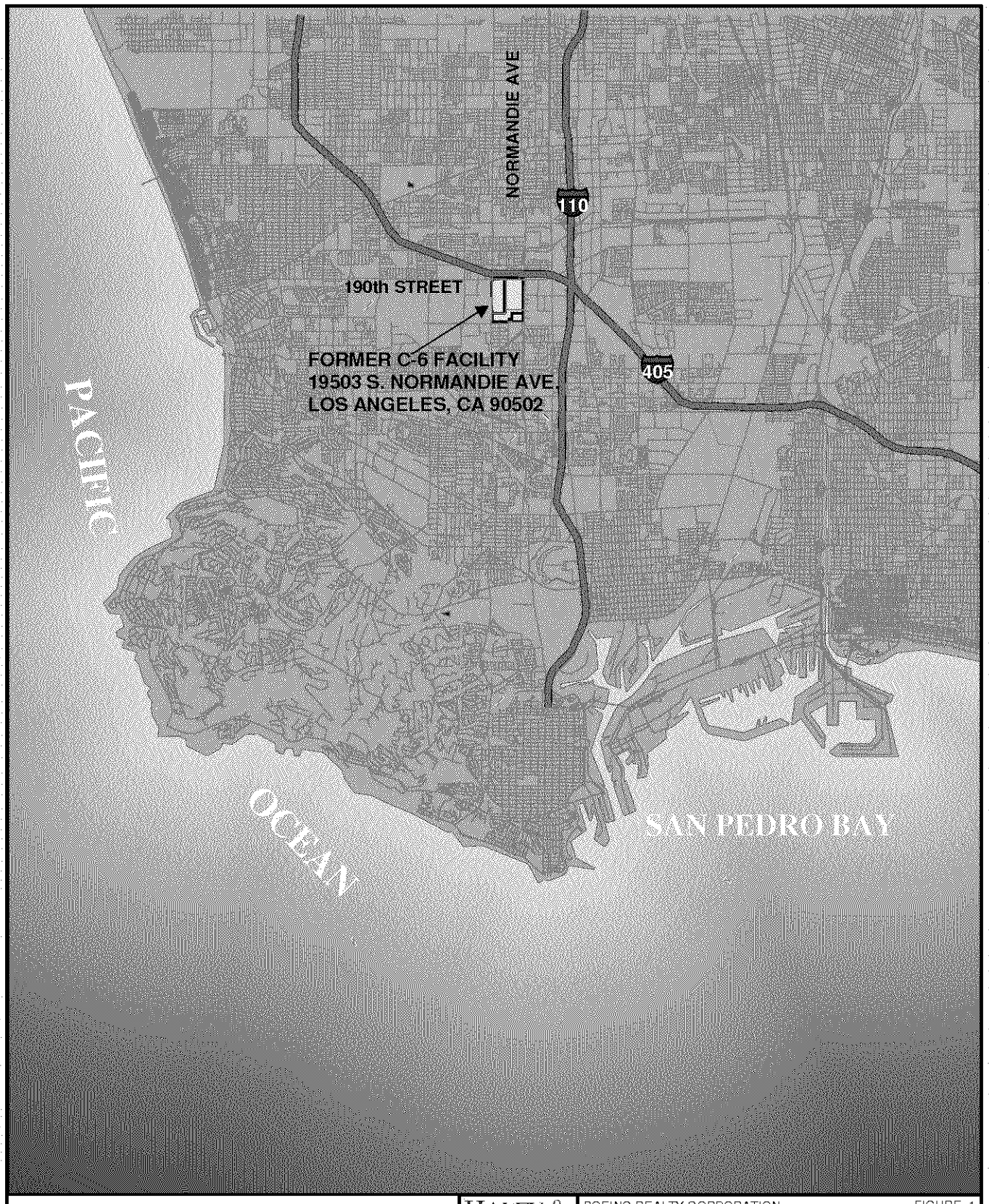
Table II
Deep Soil Comparison
Former C-6 Facility, Parcel D
Los Angeles, California

Analyte	Maximum Concentration Detected	Units	Cal-Adjusted PRG	Units
4,4'-DDT	3.5	ug/kg	1,700	ug/kg
Arsenic	12	mg/kg	14	mg/kg
Barium	190	mg/kg	4,000	mg/kg
Beryllium	0.89	mg/kg	1,100	mg/kg
Cadmium	0.61	mg/kg	1.7	mg/kg
Chloroform	330	ug/kg	890	ug/kg
Chromium Total	33	mg/kg	120,000	mg/kg
Cobalt	14	mg/kg	900	mg/kg
Copper	38	mg/kg	3,100	mg/kg
Lead	7.9	mg/kg	146	mg/kg
Molybdenum	1.3	mg/kg	390	mg/kg
Nickel	23	mg/kg	4,000	mg/kg
Phenol	1,500	ug/kg	37,000,000	ug/kg
Tetrachloroethene	14	ug/kg	100	ug/kg
Vanadium	68	mg/kg	550	mg/kg
Zinc	86	mg/kg	23,000	mg/kg

Notes:
ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram

QA/QC: BB
Date: 5/28/04

FIGURES



N

2 1 0 2 Miles

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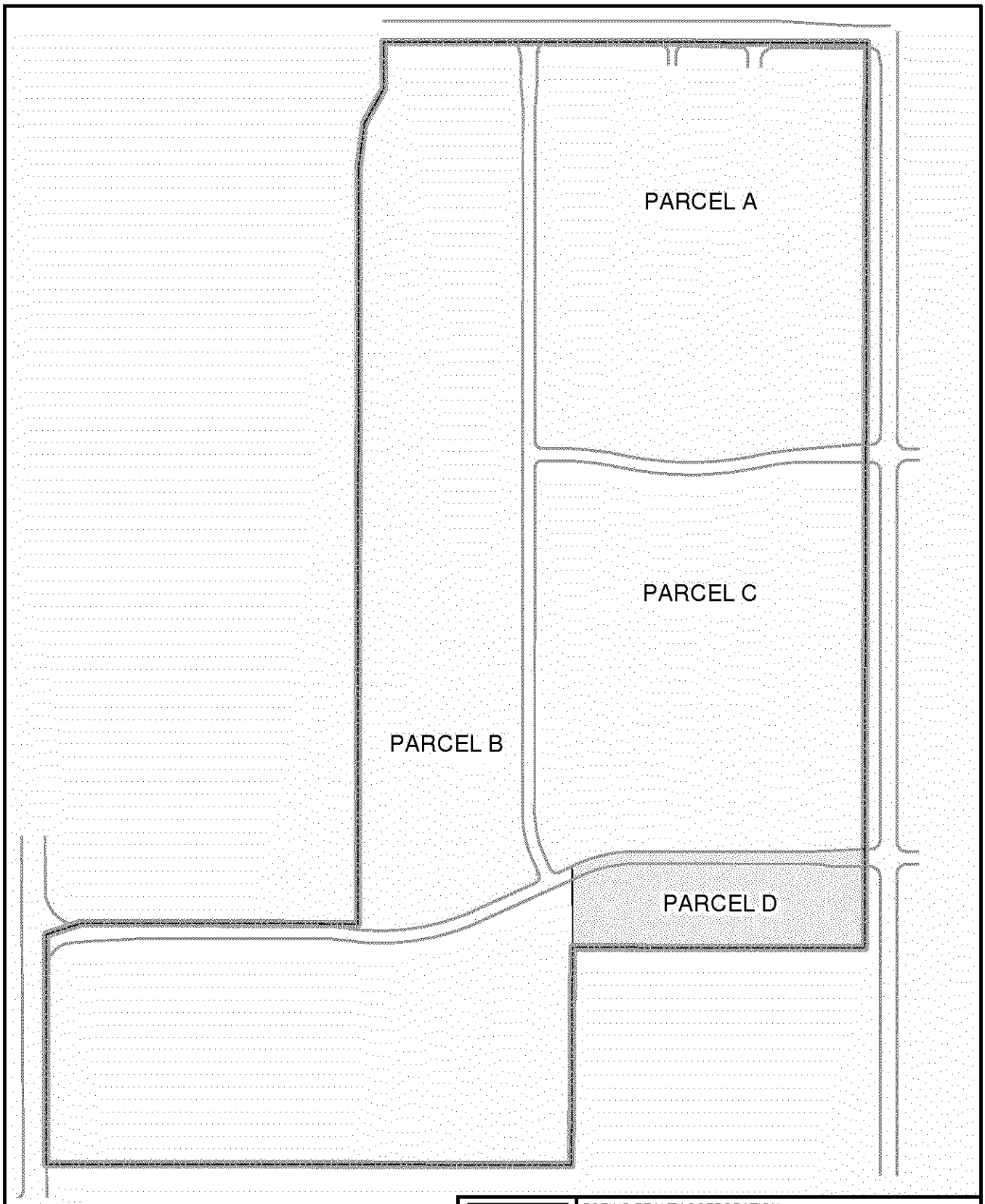
CREATIVE SOLUTIONS FOR CLIENT SUCCESS

BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE. 1

SITE LOCATION MAP

SCALE: AS SHOWN



LEGEND

Property Boundary

Right of Way

N

0 250 500 1,000 Feet

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UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 2

SITE PLAN

SCALE AS SHOWN

MAY 2004

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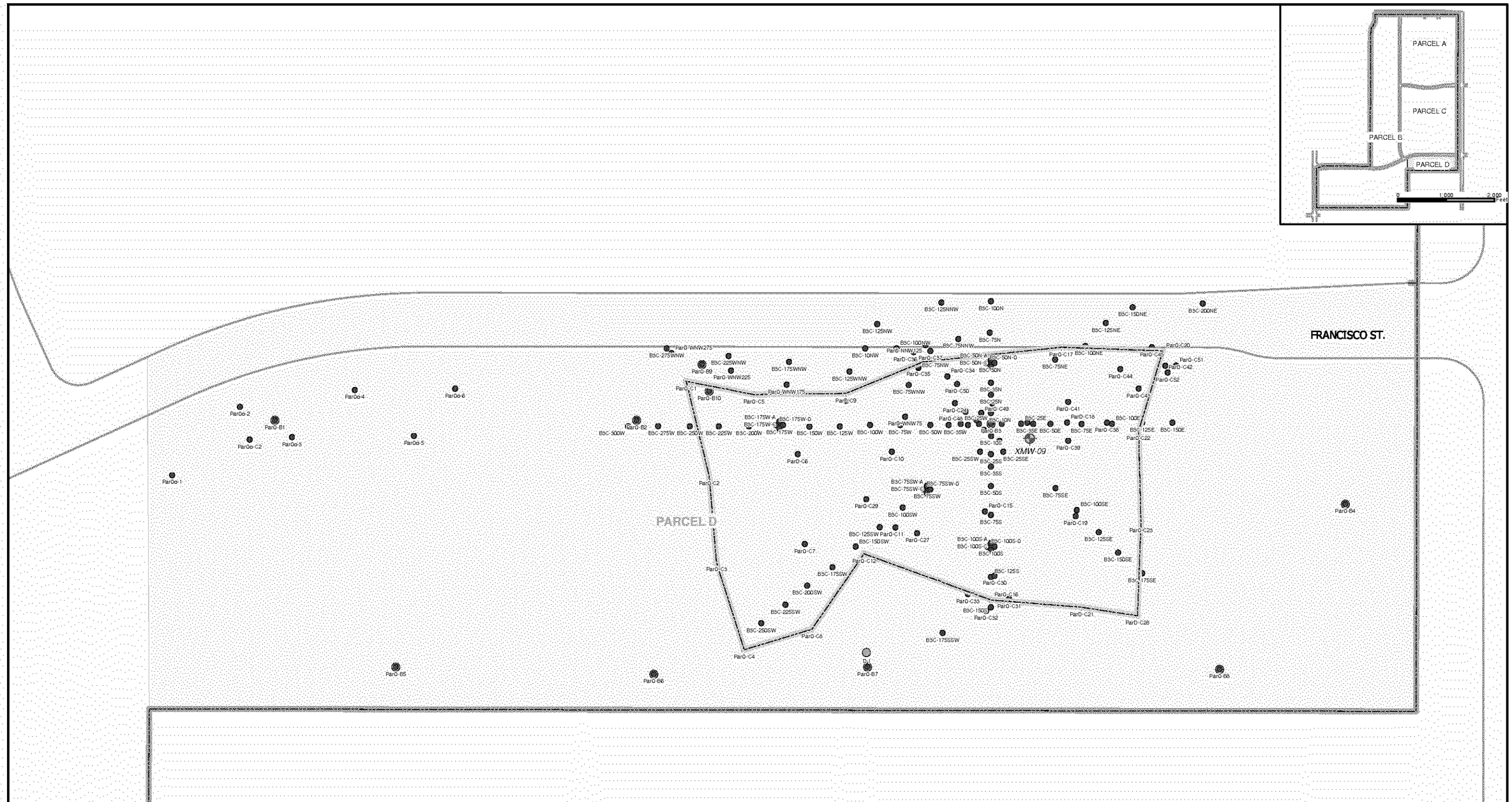
BOE-C6-0009776



LEGEND

- Groundwater Monitoring Location
- Shallow Soil Boring Location
- Deep Boring Location
- Property Boundary
- Arsenic Excavation Boundary

N

All Locations and dimensions Approximate

0 40 80 160 Feet

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BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 3

SITE PLAN WITH PARCEL D SOIL BORINGS

SCALE AS SHOWN

MAY 2004

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APPENDIX A

Analytical Data Tables for Shallow and Deep Soils

Appendix A-1
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Hexavalent chromium mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Thallium mg/kg	Vanadium mg/kg	Zinc mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
B3C-100E	B3C-100E-0.5	0.5	06/24/1999			36																
	B3C-100E1	1	06/24/1999			5																
	B3C-100E-2	2	06/24/1999			18																
	B3C-100E-3	3	06/28/1999			5.1																
	Par D-C100E-1	1	07/16/1999			6.9																
	Par D-C100E-2	2	07/16/1999			7.1																
	Par D-C100E-3	3	07/16/1999			6.4																
	Par D-C100E-4	4	07/16/1999			6.4																
	Par D-C100E-5	5	07/16/1999			6.1																
B3C-100N	B3C-100N-0.5	0.5	06/24/1999			5.1																
	B3C-100N-1	1	06/24/1999			4																
	B3C-100N-2	2	06/24/1999			5.6																
	B3C-100S-0.5	0.5	06/24/1999			150																
B3C-100NE	B3C-100NE-0.5	0.5	07/02/1999			66																
	B3C-100NE-1	1	07/02/1999			96																
	B3C-100-NE-2	2	07/12/1999			9.7																
B3C-100NW	B3C-100NW-0.5	0.5	06/30/1999			5.5																
	B3C-100NW-1	1	06/30/1999			3.9																
B3C-100S	B3C-100S-1	1	06/24/1999			55																
	B3C-100S-2	2	06/24/1999			14																
	Par D-C100S-1	1	07/16/1999			6.4																
	Par D-C100S-2	2	07/16/1999			5.9																
	Par D-C100S-3	3	07/16/1999			8.5																
	Par D-C100S-4	4	07/16/1999			5.7																
	Par D-C100S-5	5	07/16/1999			4.4																
B3C-100S-A	B3C-100S-A0.5	0.5	07/02/1999			39																
B3C-100S-B	B3C-100S-B0.5	0.5	07/02/1999			110																
B3C-100S-C	B3C-100S-C0.5	0.5	07/02/1999			74																
B3C-100S-D	B3C-100S-D0.5	0.5	07/02/1999			160																
B3C-100SE	B3C-100SE-0.5	0.5	07/02/1999			110																
	B3C-100SE-1	1	07/02/1999			260																
	B3C-100SE-2	2	07/12/1999			4.8																
	B3C-100SE-3	3	07/12/1999			4.2																
	Par D-C100SE-1	1	07/16/1999			5.8																
	Par D-C100SE-2	2	07/16/1999			12																
	Par D-C100SE-3	3	07/16/1999			15																
	Par D-C100SE-4	4	07/16/1999			11																
	Par D-C100SE-5	5	07/16/1999			7.2																
B3C-100SW	B3C-100SW-0.5	0.5	06/30/1999			30																
	B3C-100SW-1	1	06/30/1999			110																
	B3C-100SW-2	2	07/02/1999			6.8																
B3C-100W	B3C-100W-0.5	0.5	06/24/1999			36																
	B3C-100W-1	1	06/24/1999			6.8																
	B3C-100W-2	2	06/24/1999			4.2																
B3C-10E	B3C-10E-0.5	0.5	06/18/1999			33				22												
	B3C-10E-1	1	06/22/1999			49																
	B3C-10E-2	2	06/22/1999			5																
	B3C-10E-5	5	06/22/1999			4.8																
B3C-10N	B3C-10N-0.5	0.5	06/18/1999			76				22												
	B3C-10N-1	1	06/22/1999			39																
	B3C-10N-2	2	06/22/1999			5																
	B3C-10N-5	5	06/22/1999			4																
B3C-10S	B3C-10S-0.5	0.5	06/18/1999			46				20												
	B3C-10S-1	1	06/22/1999			40																
	B3C-10S-2	2	06/22/1999			6.9																
	B3C-10S-5	5	06/22/1999			5.2																
B3C-10W	B3C-10W-0.5	0.5	06/18/1999			27				22												
	B3C-10W-1	1	06/22/1999			45																
	B3C-10W-2	2	06/22/1999			12																
	B3C-10W-5	5	06/22/1999			4.4																
B3C-125E	B3C-125E-0.5	0.5	06/28/1999			6.9																
	B3C-125E-1	1	06/28/1999			13																
	B3C-125E-2	2	06/28/1999			4.5																
B3C-125NE	B3C-125NE-0.5	0.5	07/02/1999			200																
	B3C-125NE-1	1	07/02/1999			240																
	B3C-125NE-2	2	07/12/1999			4.7																
	Par D-C125NE-1	1	07/16/1999			8.9																
	Par D-C125NE-2	2	07/16/1999			16																
	Par D-C125NE-3	3	07/16/1999			67																
	Par D-C125NE-4	4	07/16/1999			31																
	Par D-C125NE-5	5	07/16/1999			8.4																
B3C-125NW	B3C-125NW-0.5	0.5	06/30/1999			4.9																
	B3C-125NW-1	1	06/30/1999			3.7																
B3C-125S	B3C-125S-0.5	0.5	06/28/1999			30																
	B3C-125S-1	1	06/28/1999			5.7																
	B3C-125S-2	2	06/28/1999			4.6																
B3C-125SE	B3C-125SE-0.5	0.5	07/02/1999			46																

Appendix A-1
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Hexavalent chromium	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Result Value Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
	B3C-125SE-1	1	07/02/1999			23																
	B3C-125SE-2	2	07/12/1999			4.8																
	B3C-125SE-3	3	07/12/1999			5.3																
B3C-125SW	B3C-125SW-0.5	0.5	06/30/1999			150																
	B3C-125SW-1	1	06/30/1999			8.1																
B3C-125W	B3C-125W-0.5	0.5	06/28/1999			64																
	B3C-125W-1	1	06/28/1999			74																
	B3C-125W-2	2	06/28/1999			5.4																
B3C-150E	B3C-150E-0.5	0.5	06/28/1999			5.2																
	B3C-150E-1	1	06/28/1999			4.4																
	B3C-150E-2	2	06/28/1999			6.3																
B3C-150NE	B3C-150NE-0.5	0.5	07/12/1999			36																
	B3C-150NE-1	1	07/12/1999			200																
	B3C-150NE-2	2	07/12/1999			83																
	B3C-150NE-3	3	07/12/1999			5.6																
	Par D-C150NE-1	1	07/16/1999			20																
	Par D-C150NE-2	2	07/16/1999			19																
	Par D-C150NE-3	3	07/16/1999			110																
	Par D-C150NE-3A	3	07/20/1999			59																
	Par D-C150NE-4	4	07/16/1999			42																
	Par D-C150NE-5	5	07/16/1999			11																
B3C-150S	B3C-150S-0.5	0.5	06/28/1999			10																
	B3C-150S-1	1	06/28/1999			5.3																
	B3C-150S-2	2	06/28/1999			5.9																
B3C-150SE	B3C-150SE-0.5	0.5	07/12/1999			4.9																
	B3C-150SE-1	1	07/12/1999			5.9																
	B3C-150SE-2	2	07/12/1999			5.1																
B3C-150SW	B3C-150SW-0.5	0.5	07/02/1999			120																
	B3C-150SW-1	1	07/02/1999			37																
	B3C-150SW-2	2	07/12/1999			6.2																
	B3C-150SW-3	3	07/12/1999			4.6																
B3C-150W	B3C-150W-0.5	0.5	06/28/1999			110																
	B3C-150W-1	1	06/28/1999			85																
	B3C-150W-2	2	06/28/1999			7.2																
B3C-175SE	B3C-175SE-0.5	0.5	07/12/1999			62																
	B3C-175SE-1	1	07/12/1999			21																
	B3C-175SE-2	2	07/12/1999			6.1																
B3C-175SSW	B3C-175SSW-0.5	0.5	07/20/1999			5.7																
	B3C-175SSW-1.0	1	07/20/1999			5.3																
	B3C-175SSW-2.0	2	07/20/1999			8.7																
B3C-175SW	B3C-175SW-0.5	0.5	07/02/1999			15																
	B3C-175SW-1	1	07/02/1999			5.3																
B3C-175W	B3C-175W-0.5	0.5	06/30/1999			220																
	B3C-175W-1	1	06/30/1999			5.4																
	B3C-175W-2	2	06/30/1999			4																
	Par D-C175W-1	1	07/16/1999			9.5																
	Par D-C175W-2	2	07/16/1999			11																
	Par D-C175W-3	3	07/16/1999			14																
	Par D-C175W-4	4	07/16/1999			11																
	Par D-C175W-5	5	07/16/1999			4.3																
B3C-175W-A	B3C-175W-A0.5	0.5	07/02/1999			110																
B3C-175W-B	B3C-175W-B0.5	0.5	07/02/1999			66																
B3C-175W-C	B3C-175W-C0.5	0.5	07/02/1999			150																
B3C-175W-D	B3C-175W-D0.5	0.5	07/02/1999			170																
B3C-200NE	B3C-200NE-0.5	0.5	07/12/1999			5.6																
	B3C-200NE-1	1	07/12/1999			14																
	B3C-200NE-2	2	07/12/1999			4.2																
B3C-200SW	B3C-200SW-0.5	0.5	07/02/1999			68																
	B3C-200SW-1	1	07/02/1999			5																
B3C-200W	B3C-200W-0.5	0.5	06/30/1999			58																
	B3C-200W-1	1	06/30/1999			25																
	B3C-200W-2	2	06/30/1999			7.4																
B3C-225SW	B3C-225SW-0.5	0.5	07/12/1999			46																
	B3C-225SW-1	1	07/12/1999			6.2																
	B3C-225SW-2	2	07/12/1999			6																
B3C-225W	B3C-225W-0.5	0.5	07/02/1999			56																
	B3C-225-W-0.5	0.5	07/02/1999			56																
	B3C-225W-1	1	07/02/1999			11																
	B3C-225-W-1	1	07/02/1999			11																
	B3C-225W-2	2	07/02/1999			6.3																
	B3C-225-W-2	2	07/02/1999			6.3																
B3C-250SW	B3C-250SW-0.5	0.5	07/12/1999			27																
	B3C-250SW-1	1	07/12/1999			6.4																
	B3C-250SW-2	2	07/12/1999			5.6																
B3C-250W	B3C-250W-0.5	0.5	07/02/1999			46																
	B3C-250W-1	1	07/02/1999			7.3																
	B3C-250W-2	2	07/02/1999			4.2																

Appendix A-1
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Hexavalent chromium mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Thallium mg/kg	Vanadium mg/kg	Zinc mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
B3C-25E	B3C-25E-0.5	0.5	06/18/1999			17				18												
	B3C-25E-1	1	06/22/1999			42																
	B3C-25E-2	2	06/22/1999			5.8																
	B3C-25E-5	5	06/22/1999			4.8																
B3C-25N	B3C-25N-0.5	0.5	06/18/1999			120				22												
	B3C-25N-1	1	06/22/1999			63																
	B3C-25N-2	2	06/22/1999			4.3																
	B3C-25N-5	5	06/22/1999			4.5																
B3C-25S	B3C-25S-0.5	0.5	06/18/1999			60				21												
	B3C-25S-1	1	06/22/1999			110																
	B3C-25S-2	2	06/22/1999			17																
	B3C-25S-3	3	06/24/1999			3.2																
	B3C-25S-5	5	06/22/1999			5.3																
	Par D-C25S-1	1	07/16/1999			8.9																
	Par D-C25S-2	2	07/16/1999			6.6																
	Par D-C25S-3	3	07/16/1999			16																
	Par D-C25S-4	4	07/16/1999			6.1																
	Par D-C25S-5	5	07/16/1999			4.9																
B3C-25SE	B3C-25SE-2	2	06/24/1999			6.6																
B3C-25SW	B3C-25SW-2	2	06/24/1999			6.5																
B3C-25W	B3C-25W-0.5	0.5	06/18/1999			100				21												
	B3C-25W-1	1	06/22/1999			58																
	B3C-25W-2	2	06/22/1999			6.3																
	B3C-25W-5	5	06/22/1999			4.7																
B3C-275W	ParD-275W-0.5	0.5	07/07/1999			4.8																
	ParD-275W-1	1	07/07/1999			4.3																
B3C-300W	ParD-300W-0.5	0.5	07/07/1999			3.8																
	ParD-300W-1	1	07/07/1999			5.6																
B3C-35E	B3C-35E-0.5	0.5	06/22/1999			21																
	B3C-35E-1	1	06/22/1999			29																
B3C-35N	B3C-35N-0.5	0.5	06/22/1999			26																
	B3C-35N-1	1	06/22/1999			18																
	B3C--35N-2	2	06/24/1999			4.5																
	B3C--35N-3	3	06/24/1999			4.4																
B3C-35S	B3C-35S-0.5	0.5	06/22/1999			54																
	B3C-35S-1	1	06/22/1999			80																
B3C-35W	B3C-35W-0.5	0.5	06/22/1999			61																
	B3C-35W-1	1	06/22/1999			130																
B3C-50E	B3C-50E-0.5	0.5	06/22/1999			9.2																
	B3C-50E-1	1	06/22/1999			110																
	B3C-50E-2	2	06/22/1999			5																
	B3C-50E-5	5	06/22/1999			5.4																
B3C-50N	B3C-50N-0.5	0.5	06/22/1999			840																
	B3C-50N-1	1	06/22/1999			44																
	B3C-50N-2	2	06/22/1999			5.1																
	B3C-50N-5	5	06/22/1999			4.7																
	Par D-C50N-1	1	07/16/1999			38																
	Par D-C50N-2	2	07/16/1999			55																
	Par D-C50N-3	3	07/16/1999			64																
	Par D-C50N-4	4	07/16/1999			50																
	Par D-C50N-5	5	07/16/1999			4.3																
B3C-50N-A	B3C-50N-A0.5	0.5	07/02/1999			66																
B3C-50N-B	B3C-50N-B0.5	0.5	07/02/1999			55																
B3C-50N-C	B3C-50N-C0.5	0.5	07/02/1999			59																
B3C-50N-D	B3C-50N-D0.5	0.5	07/02/1999			150																
B3C-50S	B3C-50S-0.5	0.5	06/22/1999			79																
	B3C-50S-1	1	06/22/1999			10																
	B3C-50S-2	2	06/22/1999			9.6																
	B3C-50S-5	5	06/22/1999			5.2																
B3C-50W	B3C-50W-0.5	0.5	06/22/1999			76																
	B3C-50W-1	1	06/22/1999			65																
	B3C-50W-2	2	06/22/1999			3.6																
	B3C-50W-5	5	06/22/1999			4.5																
B3C-75E	B3C-75E-0.5	0.5	06/24/1999			57																
	B3C-75E-1	1	06/24/1999			110																
	B3C-75E-2	2	06/24/1999			11																
	Par D-75E-4A	4	07/20/1999			79																
	Par D-75E-5A	5	07/20/1999			6.7																
	Par D-C75E-1	1	07/16/1999			180																
	Par D-C75E-1A	1	07/20/1999			33																
	Par D-C75E-2	2	07/16/1999			62																
	Par D-C75E-3	3	07/16/1999			49																
	Par D-C75E-4	4	07/16/1999			90																
	Par D-C75E-5	5	07/16/1999			19																
B3C-75N	B3C-75N-0.5	0.5	06/24/1999			58																
	B3C-75N-1	1	06/24/1999			74																
	B3C-75N-2	2	06/24/1999			11																

Appendix A-1
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Hexavalent chromium mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Thallium mg/kg	Vanadium mg/kg	Zinc mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
B3C-75NE	B3C-75NE-0.5	0.5	07/02/1999			260																
	B3C-75NE-1	1	07/02/1999			210																
	B3C-75NE-2	2	07/12/1999			8.2																
	Par D-C75NE-1	1	07/16/1999			72																
	Par D-C75NE-2	2	07/16/1999			170																
	Par D-C75NE-2A	2	07/20/1999			200																
	Par D-C75NE-2B	2	07/22/1999			130																
	Par D-C75NE-3	3	07/16/1999			110																
	Par D-C75NE-3A	3	07/20/1999			200																
	Par D-C75NE-3B	3	07/22/1999			150																
	Par D-C75NE-4	4	07/16/1999			140																
	Par D-C75NE-4A	4	07/20/1999			120																
	Par D-C75NE-4B	4	07/22/1999			69																
	Par D-C75NE-5	5	07/16/1999			7.5																
B3C-75NW	B3C-75NW-0.5	0.5	06/30/1999			6.1																
	B3C-75NW-1	1	06/30/1999			3.6																
B3C-75S	B3C-75S-0.5	0.5	06/24/1999			56																
	B3C-75S-1	1	06/24/1999			65																
	B3C-75S-2	2	06/24/1999			51																
	B3C-75S-3	3	06/28/1999			6.2																
	Par D-C75S-1	1	07/16/1999			10																
	Par D-C75S-2	2	07/16/1999			8.1																
	Par D-C75S-3	3	07/16/1999			25																
	Par D-C75S-4	4	07/16/1999			78																
	Par D-C75S-5	5	07/16/1999			6.1																
B3C-75SE	B3C-75SE-0.5	0.5	07/02/1999			34																
	B3C-75SE-1	1	07/02/1999			360																
	B3C-75SE-2	2	07/12/1999			6.4																
	B3C-75SE-3	3	07/12/1999			4.3																
	Par D-C75SE-1	1	07/16/1999			7.5																
	Par D-C75SE-2	2	07/16/1999			190																
	Par D-C75SE-2A	2	07/20/1999			72																
	Par D-C75SE-3	3	07/16/1999			6.5																
	Par D-C75SE-4	4	07/16/1999			6.5																
	Par D-C75SE-5	5	07/16/1999			11																
B3C-75SW	B3C-75SW-0.5	0.5	06/30/1999			270																
	B3C-75SW-1	1	06/30/1999			110																
	B3C-75SW-2	2	07/02/1999			7.8																
	Par D-C75SW-1	1	07/16/1999			23																
	Par D-C75SW-2	2	07/16/1999			42																
	Par D-C75SW-3	3	07/16/1999			17																
	Par D-C75SW-4	4	07/16/1999			48																
	Par D-C75SW-5	5	07/16/1999			7.3																
B3C-75SW-A	B3C-75SW-A0.5	0.5	07/02/1999			57																
B3C-75SW-B	B3C-75SW-B0.5	0.5	07/02/1999			76																
B3C-75SW-C	B3C-75SW-C0.5	0.5	07/02/1999			120																
B3C-75SW-D	B3C-75SW-D0.5	0.5	07/02/1999			96																
B3C-75W	B3C-75W-0.5	0.5	06/24/1999			41																
	B3C-75W-1	1	06/24/1999			6																
	B3C-75W-2	2	06/24/1999			5.2																
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999		5 U	7	130	0.56	0.5 U	18	9.3	24	0.5 U	27	0.1 U	1 U	14	5 U	0.5 U	5 U	37	64
	Par D-B1-2-5	5	06/16/1999		5 U	7.7	130	0.78	0.5 U	29	13	31	0.5 U	7.1	0.1 U	1 U	23	5 U	0.5 U	5 U	59	66
	Par D-B1-3-10	10	06/16/1999		5 U	6.2	120	0.51	0.5 U	23	10	23	0.5 U	4.2	0.1 U	1 U	15	5 U	0.5 U	5 U	46	50
	Par D-B1-4-15	15	06/16/1999		5 U	6.7	160	0.74	0.5 U	27	12	31	0.5 U	5.6	0.1 U	1 U	20	5 U	0.5 U	5 U	59	69
	Par D-B1-5-25	25	06/16/1999		5 U	12	37	0.5 U	0.5 U	11	4.7	8.6	0.5 U	2.5	0.1 U	1	9.5	5 U	0.5 U	5 U	29	23
ParD-B10	Par D-B10-2-5	5	06/16/1999		5 U	5.6	150	0.62	0.5 U	21	10	18	0.5 U	7	0.1 U	1 U	18	5 U	0.5 U	5 U	48	52
	Par D-B10-3-10	10	06/16/1999		5 U	5.9	110	0.52	0.5 U	20	9.8	27	0.5 U	6	0.1 U	1 U	19	5 U	0.5 U	5 U	46	1000
	Par D-B10-4-15	15	06/16/1999		5 U	6.6	160	0.79	0.5 U	28	14	36	0.5 U	6.2	0.1 U	1 U	20	5 U	0.5 U	5 U	62	77
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999		5 U	5.6	180	0.89	0.5 U	26	10	14	0.5 U	5.4	0.1 U	1 U	18	5 U	0.5 U	5 U	52	44
	Par D-B2-2-5	5	06/16/1999		5 U	6.3	170	0.71	0.5 U	26	15	28	0.5 U	5.5	0.1 U	1 U	22	5 U	0.5 U	5 U	57	71
	Par D-B2-3-10	10	06/16/1999		5 U	6.3	220	0.56	0.5 U	22	10	24	0.5 U	4.6	0.1 U	1 U	20	5 U	0.5 U	5 U	49	52
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999		5 U	18	130	0.64	0.5 U	22	10	35	0.5 U	9	0.1 U	1 U	15	5 U	0.5 U	5 U	44	50
	Par D-B3-2-5	5	06/16/1999		5 U	5.5	140	0.86	0.5 U	28	11	18	0.5 U	5.4	0.1 U	1 U	18	5 U	0.5 U	5 U	52	51
	Par D-B3-3-10	10	06/16/1999		5 U	7.8	130	0.82	0.5 U	31	13	36	0.5 U	6.6	0.1 U	1 U	25	5 U	0.5 U	5 U	61	71
	Par D-B3-3-10D	10	06/16/1999		5 U	7	140	0.81	0.5 U	34	12	31	0.5 U	6.2	0.1 U	1 U	23	5 U	0.5 U	5 U	60	69
	Par D-B3-4-15	15	06/16/1999		5 U	7.2	190	0.88	0.5 U	31	14	38	0.5 U	7.9	0.1 U	1 U	23	5 U	0.5 U	5 U	60	86
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999		5 U	4.1	110	0.57	0.5 U	19	11	17	0.5 U	5	0.1 U	1 U	14	5 U	0.5 U	5 U	39	37
	Par D-B4-2-5	5	06/16/1999		5 U	6.5	150	0.86	0.5 U	27	12	24	0.5 U	5.7	0.1 U	1 U	22	5 U	0.5 U	5 U	58	61
	Par D-B4-3-10	10	06/16/1999		5 U	6.2	140	0.6	0.5 U	24	11	28	0.5 U	4.9	0.1 U	1 U	19	5 U	0.5 U	5 U	52	60
	Par D-B4-4-15	15	06/16/1999		5 U	6.6	160	0.69	0.5 U	25	13	31	0.5 U	5.4	0.1 U	1 U	19	5 U	0.5 U	5 U	58	71
	Par D-B4-5-25	25	06/16/1999		5 U	7.8	160	0.89	0.61	33	14	37	0.5 U	7.4	0.1 U	1.3	23	5 U	0.5 U	5 U	68	85
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999		5 U	6.5	140	0.77	0.5 U	27	11	24	0.5 U	5.5	0.1 U	1 U	23	5 U	0.5 U	5 U	56	61
	Par D-B5-2-5	5	06/16/1999		5 U	6	150	0.68	0.5 U	22	11	24	0.5 U	5.4	0.1 U	1 U	21	5 U	0.5 U	5 U	49	60
	Par D-B5-3-10	10	06/16/1999		5 U	6.8	140	0.67	0.5 U	24	12	30	0.5 U	5.8	0.1 U	1 U	20	5 U	0.5 U	5 U	49	64
	Par D-B5-4-15	15	06/16/1999		5 U	7.9	160	0.79	0.53	27	13	38	0.5 U	6.9	0.1 U	1 U	21	5 U	0.5 U	5 U	61	73
ParD-B6	Par D-B6-3-10	10	06/16/1999		5 U	7.3	120	0.54	0.5 U	22	10	23	0.5 U	4.7	0.1 U	1 U	17	5 U	0.5 U	5 U	48	55
	Par D-B6-4-15	15	06/16/1999		5 U	7.9	170	0.76	0.54	29	13	35	0.5 U	5.9	0.1 U	1 U	21	5 U	0.5 U	5 U	66	75

Appendix A-1
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Hexavalent chromium mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Thallium mg/kg	Vanadium mg/kg	Zinc mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
ParD-B7	Par B7-0.5	0.5	07/20/1999		5 U	7.1	130	0.71	0.1 U	25	9.6	57	0.5 U	19	0.1 U	1 U	18	1 U	0.1 U	5 U	47	62
	Par B7-5.0	5	07/20/1999		5 U	11	180	0.8	0.1 U	27	11	69	0.5 U	13	0.1 U	1 U	19	1 U	0.1 U	5 U	51	63
	PAR D-B7-1-10	10	07/30/1999		5 U	7.4	160	0.68	0.5 U	27	14	35	0.5 U	5.9	0.1 U	1 U	23	5 U	0.5 U	5 U	53	72
	Par D-B7-2.0	2	07/20/1999			12																
	PAR D-B7-2-15	15	07/30/1999		5 U	6.3	180	0.77	0.5 U	26	14	36	0.5 U	6.1	0.1 U	1 U	21	5 U	0.5 U	5 U	62	76
	Par D-B7-3-25	25	07/30/1999		5 U	6.2	140	0.51	0.5 U	22	11	28	0.5 U	4.3	0.1 U	1 U	19	5 U	0.5 U	5 U	59	60
	ParD-B7-2.0	2	07/20/1999			12																
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999		5 U	5.4	130	0.72	0.5 U	24	11	21	0.5 U	7.5	0.1 U	1 U	18	5 U	0.5 U	5 U	49	53
	Par D-B8-10-1-0.5	0.5	06/16/1999		5 U	3.7	130	0.5 U	0.5 U	16	11	14	0.5 U	4.8	0.1 U	1 U	13	5 U	0.5 U	5 U	34	33
	Par D-B8-2-5	5	06/16/1999		5 U	5.8	180	0.86	0.5 U	26	11	20	0.5 U	5.7	0.1 U	1 U	19	5 U	0.5 U	5 U	52	54
	Par D-B8-3-10	10	06/16/1999		5 U	6.2	140	0.64	0.5 U	24	12	30	0.5 U	5.3	0.1 U	1 U	22	5 U	0.5 U	5 U	51	62
	Par D-B8-3-10D	10	06/16/1999		5 U	6.8	140	0.7	0.5 U	27	13	32	0.5 U	5.7	0.1 U	1 U	26	5 U	0.5 U	5 U	55	63
	Par D-B8-4-15	15	06/16/1999		5 U	6	180	0.73	0.5 U	26	14	32	0.5 U	5.5	0.1 U	1 U	21	5 U	0.5 U	5 U	54	76
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999		5 U	3.6	89	0.5 U	0.5 U	16	9.2	13	0.5 U	4.1	0.1 U	1 U	11	5 U	0.5 U	5 U	33	31
	Par D-B9-2-5	5	06/16/1999		5 U	4.6	120	0.62	0.5 U	24	8.4	16	0.5 U	4.8	0.1 U	1 U	13	5 U	0.5 U	5 U	47	45
	Par D-B9-3-10	10	06/16/1999		5 U	7.3	140	0.71	0.5 U	27	12	31	0.5 U	5.2	0.1 U	1 U	21	5 U	0.5 U	5 U	58	59
	Par D-B9-4-15	15	06/16/1999		5 U	6.1	140	0.65	0.5 U	24	12	28	0.5 U	5.1	0.1 U	1 U	18	5 U	0.5 U	5 U	52	67
ParD-C1	Par D-C1	0	07/27/1999			8.7																
ParD-C10	Par D-C10	0	07/28/1999			53																
	Par D-C10A	0	07/30/1999			3.6																
ParD-C11	Par D-C11	0	07/28/1999			24																
	Par D-C11A	0	07/30/1999			5.2																
ParD-C12	Par D-C12	0	07/28/1999			4																
ParD-C13	Par D-C13	0	07/29/1999			25																
	Par D-C13A	0	08/02/1999			4.7																
ParD-C14	Par D-C14	0	07/28/1999			100																
	Par D-C14A	0	07/30/1999			61																
	Par D-C14B	0	08/03/1999			5																
ParD-C15	Par D-C15	0	07/28/1999			14																
ParD-C16	Par D-C16	0	07/28/1999			31																
	Par D-C16A	0	07/30/1999			3.9																
ParD-C17	Par D-C17	0	07/29/1999			4.8																
ParD-C18	Par D-C18	0	07/29/1999			27																
	Par D-C18A	0	08/02/1999			4.4																
ParD-C19	Par D-C19	0	07/29/1999			4.9																
ParD-C2	Par D-C2	0	07/27/1999			3.8																
ParD-C20	Par D-C20	0	07/29/1999			76																
	Par D-C20A	0	08/02/1999			4.4																
ParD-C21	Par D-C21	0	07/28/1999			8.6																
ParD-C22	Par D-C22	0	07/29/1999			9.9																
ParD-C23	Par D-C23	0	07/29/1999			5.5																
ParD-C24	Par D-C24	0	07/30/1999			4.5																
ParD-C25	Par D-C25	0	07/30/1999			4.9																
ParD-C26	Par D-C26	0	07/30/1999			3.7																
ParD-C27	Par D-C27	0	07/30/1999			3.9																
ParD-C28	Par D-C28	0	07/28/1999			5.6																
ParD-C29	Par D-C29	0	07/30/1999			4.9																
ParD-C3	Par D-C3	0	07/27/1999			3.9																
ParD-C30	Par D-C30	0	07/30/1999			3.8																
ParD-C31	Par D-C31	0	07/30/1999			5																
ParD-C32	Par D-C32	0	07/30/1999			4.4																
ParD-C33	Par D-C33	0	07/30/1999			3.6																
ParD-C34	Par D-C34	0	08/02/1999			20																
	Par D-C34A	0	08/04/1999			4.4																
ParD-C35	Par D-C35	0	08/02/1999			6.4																
ParD-C36	Par D-C36	0	08/02/1999			3.8																
ParD-C37	Par D-C37	0	08/02/1999			4.7																
ParD-C38	Par D-C38	0	08/02/1999			6.8																
ParD-C39	Par D-C39	0	08/02/1999			7																
ParD-C4	Par D-C4	0	07/27/1999			4.9																
ParD-C40	Par D-C40	0	08/02/1999			5.7																
ParD-C41	Par D-C41	0	08/02/1999			7.8																
ParD-C42	Par D-C42	0	08/02/1999			170																
	Par D-C42A	0	08/04/1999			3.7																
ParD-C43	Par D-C43	0	08/02/1999			4.3																
ParD-C44	Par D-C44	0	08/02/1999			4.7																
ParD-C45	Par D-C45	0	08/02/1999			3.7																
ParD-C46	Par D-C46	0	08/03/1999			4.2																
ParD-C47	Par D-C47	0	08/03/1999			4.1																
ParD-C48	Par D-C48	0	08/03/1999			4.2																
ParD-C49	Par D-C49	0	08/03/1999			3.8																
ParD-C5	Par D-C5	0	07/27/1999			3.4																
ParD-C50	Par D-C50	0	08/04/1999			3.9																
ParD-C51	Par D-C51	0	08/04/1999			4.8																
ParD-C52	Par D-C52	0	08/04/1999			4.6																
ParD-C6	Par D-C6	0	07/28/1999			6.4																
ParD-C7	Par D-C7	0	07/28/1999			3.7																

Appendix A-1
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Cadmium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Hexavalent chromium mg/kg	Lead mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Thallium mg/kg	Vanadium mg/kg	Zinc mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
ParD-C8	Par D-C8	0	07/28/1999			3.5																
ParD-C9	Par D-C9	0	07/28/1999			3.3																
ParD-NNW125	Par D-NNW125-0.5	0.5	07/16/1999			20																
	Par D-NNW125-1	1	07/16/1999			73																
ParD-NNW75	Par D-NNW75-0.5	0.5	07/16/1999			49																
	Par D-NNW75-1	1	07/16/1999			4.5																
ParDo-C2	Par Do-C2	0	07/22/1999			5.2																
ParD-WNW125	Par D-WNW125-1	1	07/16/1999			5.1																
ParD-WNW175	Par D-WNW175-0.5	0.5	07/16/1999			8.4																
	Par D-WNW175-1	1	07/16/1999			6																
ParD-WNW225	Par D-WNW225-0.5	0.5	07/16/1999			10																
	Par D-WNW225-1	1	07/16/1999			4.4																
ParD-WNW275	Par D-WNW275-0.5	0.5	07/16/1999			4																
	Par D-WNW275-1	1	07/16/1999			3.7																
ParD-WNW75	Par D-WNW125-0.5	0.5	07/16/1999			27																
	Par D-WNW75-0.5	0.5	07/16/1999			14																
	Par D-WNW75-1	1	07/16/1999			5.9																

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				Diesel Range Organics	Gasoline Range Organics (C6-C12)	Motor Oil Range Organics (C25-C36)	1,1,1,2-Tetrachloroethane	1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1,2-Trichloroethane	1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene
Result Value Units:				mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																		
D-1	D-1-35	35	01/29/2001					5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	D-1-45	45	01/29/2001					5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	D-1-55	55	01/29/2001					5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999		5 U	20 U		2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B1-2-5	5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B1-3-10	10	06/16/1999	8 U	5 U																
	Par D-B1-4-15	15	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B1-5-25	25	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par-D-B1-1-0.5	0.5	06/16/1999	8 U																	
	Par-D-B1-2-5	5	06/16/1999	8 U																	
	Par-D-B1-5-25	25	06/16/1999	8 U																	
ParD-B10	Par D-B10-10.5	0.5	06/16/1999		5 U																
	Par D-B10-1-0.5	0.5	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B10-2-5	5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B10-3-10	10	06/16/1999	8 U	5 U																
	Par D-B10-4-15	15	06/16/1999	8 U	5 U																
	Par-D-B10-1-0.5	0.5	06/16/1999	8 U																	
	Par-D-B10-2-5	5	06/16/1999	8 U																	
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B2-2-5	5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B2-3-10	10	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B2-4-15	15	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B2-5-25	25	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par-B2-3-10	10	06/16/1999	8 U	5 U																
	Par-B2-4-15	15	06/16/1999	8 U	5 U																
	Par-B2-5-25	25	06/16/1999	8 U	5 U																
	Par-D-B2-1-0.5	0.5	06/16/1999	8 U																	
	Par-D-B2-2-5	5	06/16/1999	8 U																	
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B3-2-5	5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B3-3-10	10	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B3-3-10D	10	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B3-4-15	15	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par-D-B3-1-0.5	0.5	06/16/1999	8 U																	
	Par-D-B3-2-5	5	06/16/1999	8 U																	
	Par-D-B3-3-10D	10	06/16/1999	8 U																	
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B4-2-5	5	06/16/1999		5 U	20 U		2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B4-3-10	10	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B4-4-15	15	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B4-5-25	25	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par-D-B4-1-0.5	0.5	06/16/1999	8 U																	
	Par-D-B4-2-5	5	06/16/1999	8 U																	
	Par-D-B4-5-25	25	06/16/1999	8 U																	
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B5-2-5	5	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B5-3-10	10	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B5-4-15	15	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B6-2-5	5	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B6-3-10	10	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B6-4-15	15	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B6-5-25	25	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par-D-B6-1-0.5	0.5	06/16/1999	8 U	5 U																
	Par-D-B6-2-5	5	06/16/1999	8 U	5 U																
	Par-D-B6-3-10	10	06/16/1999	8 U	5 U																
	Par-D-B6-4-15	15	06/16/1999	8 U	5 U																

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

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Preferred Analyte: Result Value Units:				Diesel Range Organics mg/kg	Gasoline Range Organics (C6-C12) mg/kg	Motor Oil Range Organics (C25-C36) mg/kg	1,1,1,2-Tetrachloroethane ug/kg	1,1-Trichloroethane ug/kg	1,1,2,2-Tetrachloroethane ug/kg	1,1,1,2-Trichloroethane ug/kg	1,1,2-Trichloroethane ug/kg	1,1-Dichloroethane ug/kg	1,1-Dichloroethene ug/kg	1,1-Dichloropropene ug/kg	1,2,3-Trichlorobenzene ug/kg	1,2,3-Trichloropropane ug/kg	1,2,4-Trichlorobenzene ug/kg	1,2,4-Trimethylbenzene ug/kg	1,2-Dibromo-3-chloropropane ug/kg	1,2-Dibromoethane ug/kg	1,2-Dichlorobenzene ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																		
ParD-B7	Par D-B7-0.5	0.5	06/19/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	PAR D-B7-1-10	10	07/30/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	PAR D-B7-2-15	15	07/30/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B7-3-25	25	07/30/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	PAR D-B7-5.0	5	07/20/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B8-2-5	5	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B8-3-10	10	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B8-3-10D	10	06/16/1999					2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B8-4-15	15	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B9-2-5	5	06/16/1999		5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B9-3-10	10	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par D-B9-4-15	15	06/16/1999	8 U	5 U			2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
	Par-D-B9-1-0.5	0.5	06/16/1999	8 U																	
	Par-D-B9-2-5	5	06/16/1999	8 U																	

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				1,2-Dichloroethane ug/kg	1,2-Dichloropropane ug/kg	1,3,5-Trimethylbenzene ug/kg	3-Dichlorobenzene ug/kg	1,3-Dichloropropane ug/kg	1,4-Dichlorobenzene ug/kg	2-Chloroethylvinyl ether ug/kg	2-Hexanone ug/kg	4-Methyl-2-pentanone ug/kg	Acetone ug/kg	Acrolein ug/kg	Acrylonitrile ug/kg	Benzene ug/kg	Bromobenzene ug/kg	Bromochloromethane ug/kg	Bromodichloromethane ug/kg	Bromoform ug/kg	Bromomethane ug/kg	Carbon disulfide ug/kg	Carbon tetrachloride ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																				
D-1	D-1-35	35	01/29/2001	5 U	5 U	5 U	5 U		5 U	10 U	25 U	25 U	25 U	100 U	50 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	D-1-45	45	01/29/2001	5 U	5 U	5 U	5 U		5 U	10 U	25 U	25 U	25 U	100 U	50 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
	D-1-55	55	01/29/2001	5 U	5 U	5 U	5 U		5 U	10 U	25 U	25 U	25 U	100 U	50 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B1-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B1-3-10	10	06/16/1999																				
	Par D-B1-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B1-5-25	25	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par-D-B1-1-0.5	0.5	06/16/1999																				
	Par-D-B1-2-5	5	06/16/1999																				
	Par-D-B1-5-25	25	06/16/1999																				
ParD-B10	Par D-B10-10.5	0.5	06/16/1999																				
	Par D-B10-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B10-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B10-3-10	10	06/16/1999																				
	Par D-B10-4-15	15	06/16/1999																				
	Par-D-B10-1-0.5	0.5	06/16/1999																				
	Par-D-B10-2-5	5	06/16/1999																				
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B2-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B2-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B2-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B2-5-25	25	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par-B2-3-10	10	06/16/1999																				
	Par-B2-4-15	15	06/16/1999																				
	Par-B2-5-25	25	06/16/1999																				
	Par-D-B2-1-0.5	0.5	06/16/1999																				
	Par-D-B2-2-5	5	06/16/1999																				
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B3-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B3-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B3-3-10D	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B3-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par-D-B3-1-0.5	0.5	06/16/1999																				
	Par-D-B3-2-5	5	06/16/1999																				
	Par-D-B3-3-10D	10	06/16/1999																				
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B4-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B4-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B4-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B4-5-25	25	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par-D-B4-1-0.5	0.5	06/16/1999																				
	Par-D-B4-2-5	5	06/16/1999																				
	Par-D-B4-5-25	25	06/16/1999																				
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B5-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B5-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B5-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B6-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B6-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B6-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B6-5-25	25	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par-D-B6-1-0.5	0.5	06/16/1999																				
	Par-D-B6-2-5	5	06/16/1999																				
	Par-D-B6-3-10	10	06/16/1999																				
	Par-D-B6-4-15	15	06/16/1999																				

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2-Chloroethylvinyl ether	2-Hexanone	4-Methyl-2-pentanone	Acetone	Acrolein	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																				
ParD-B7	Par D-B7-0.5	0.5	06/19/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	PAR D-B7-1-10	10	07/30/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	PAR D-B7-2-15	15	07/30/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B7-3-25	25	07/30/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	PAR D-B7-5.0	5	07/20/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B8-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B8-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B8-3-10D	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B8-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B9-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B9-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par D-B9-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U						2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U
	Par-D-B9-1-0.5	0.5	06/16/1999																				
	Par-D-B9-2-5	5	06/16/1999																				

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Chlorobenzene ug/kg	Chloroethane ug/kg	Chloroform ug/kg	Chloromethane ug/kg	cis-1,2-Dichloroethene ug/kg	cis-1,3-Dichloropropene ug/kg	Cumene ug/kg	Dibromochloro-methane ug/kg	Dibromomethane ug/kg	Dichlorodifluoro-methane ug/kg	Dichlorofluoro-methane ug/kg	Diesel Range Organics (C14-C15) mg/kg	Diesel Range Organics (C16-C17) mg/kg	Diesel Range Organics (C18-C19) mg/kg	Diesel Range Organics (C20-C23) mg/kg	Ethylbenzene ug/kg	Gasoline Range Organics (C10-C11) mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																	
D-1	D-1-35	35	01/29/2001	5 U	10 U	3.9 J	10 U	5 U	5 U	5 U	5 U		10 U						5 U	
	D-1-45	45	01/29/2001	5 U	10 U	16	10 U	5 U	5 U	5 U	5 U		10 U						5 U	
	D-1-55	55	01/29/2001	5 U	10 U	12	10 U	5 U	5 U	5 U	5 U		10 U						5 U	
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	24	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B1-2-5	5	06/16/1999	2.5 U	2.5 U	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B1-3-10	10	06/16/1999																	
	Par D-B1-4-15	15	06/16/1999	2.5 U	2.5 U	23	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B1-5-25	25	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par-D-B1-1-0.5	0.5	06/16/1999																	
	Par-D-B1-2-5	5	06/16/1999																	
	Par-D-B1-5-25	25	06/16/1999																	
ParD-B10	Par D-B10-10.5	0.5	06/16/1999																	
	Par D-B10-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	50	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B10-2-5	5	06/16/1999	2.5 U	2.5 U	17	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B10-3-10	10	06/16/1999																	
	Par D-B10-4-15	15	06/16/1999																	
	Par-D-B10-1-0.5	0.5	06/16/1999																	
	Par-D-B10-2-5	5	06/16/1999																	
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	130	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B2-2-5	5	06/16/1999	2.5 U	2.5 U	12	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B2-3-10	10	06/16/1999	2.5 U	2.5 U	4.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B2-4-15	15	06/16/1999	2.5 U	2.5 U	24	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B2-5-25	25	06/16/1999	2.5 U	2.5 U	77	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par-B2-3-10	10	06/16/1999																	
	Par-B2-4-15	15	06/16/1999																	
	Par-B2-5-25	25	06/16/1999																	
	Par-D-B2-1-0.5	0.5	06/16/1999																	
	Par-D-B2-2-5	5	06/16/1999																	
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B3-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B3-3-10	10	06/16/1999	2.5 U	2.5 U	8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B3-3-10D	10	06/16/1999	2.5 U	2.5 U	45	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B3-4-15	15	06/16/1999	2.5 U	2.5 U	12	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par-D-B3-1-0.5	0.5	06/16/1999																	
	Par-D-B3-2-5	5	06/16/1999																	
	Par-D-B3-3-10D	10	06/16/1999																	
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B4-2-5	5	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B4-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B4-4-15	15	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B4-5-25	25	06/16/1999	2.5 U	2.5 U	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par-D-B4-1-0.5	0.5	06/16/1999																	
	Par-D-B4-2-5	5	06/16/1999																	
	Par-D-B4-5-25	25	06/16/1999																	
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	18	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B5-2-5	5	06/16/1999	2.5 U	2.5 U	9.4	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B5-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B5-4-15	15	06/16/1999	2.5 U	2.5 U	7.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	80	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B6-2-5	5	06/16/1999	2.5 U	2.5 U	48	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B6-3-10	10	06/16/1999	2.5 U	2.5 U	11	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B6-4-15	15	06/16/1999	2.5 U	2.5 U	100	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B6-5-25	25	06/16/1999	2.5 U	2.5 U	6.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par-D-B6-1-0.5	0.5	06/16/1999																	
	Par-D-B6-2-5	5	06/16/1999																	
	Par-D-B6-3-10	10	06/16/1999																	
	Par-D-B6-4-15	15	06/16/1999																	

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Chlorobenzene ug/kg	Chloroethane ug/kg	Chloroform ug/kg	Chloromethane ug/kg	cis-1,2-Dichloroethene ug/kg	cis-1,3-Dichloropropene ug/kg	Cumene ug/kg	Dibromochloro-methane ug/kg	Dibromomethane ug/kg	Dichlorodifluoro-methane ug/kg	Dichlorofluoro-methane ug/kg	Diesel Range Organics (C14-C15) mg/kg	Diesel Range Organics (C16-C17) mg/kg	Diesel Range Organics (C18-C19) mg/kg	Diesel Range Organics (C20-C23) mg/kg	Ethylbenzene ug/kg	Gasoline Range Organics (C10-C11) mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																	
ParD-B7	Par D-B7-0.5	0.5	06/19/1999	2.5 U	2.5 U	3.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	PAR D-B7-1-10	10	07/30/1999	2.5 U	2.5 U	130	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	PAR D-B7-2-15	15	07/30/1999	2.5 U	2.5 U	260	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B7-3-25	25	07/30/1999	2.5 U	2.5 U	330	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	PAR D-B7-5.0	5	07/20/1999	2.5 U	2.5 U	10	2.5 U	5	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	14	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B8-2-5	5	06/16/1999	2.5 U	2.5 U	86	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B8-3-10	10	06/16/1999	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B8-3-10D	10	06/16/1999	2.5 U	2.5 U	4.9	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B8-4-15	15	06/16/1999	2.5 U	2.5 U	3.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999	2.5 U	2.5 U	37	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B9-2-5	5	06/16/1999	2.5 U	2.5 U	40	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B9-3-10	10	06/16/1999	2.5 U	2.5 U	35	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par D-B9-4-15	15	06/16/1999	2.5 U	2.5 U	53	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U					2.5 U	
	Par-D-B9-1-0.5	0.5	06/16/1999																	
	Par-D-B9-2-5	5	06/16/1999																	

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Gasoline Range Organics (C12-C13) mg/kg	Gasoline Range Organics (C4-C12) mg/kg	Gasoline Range Organics (C6-C8) mg/kg	Gasoline Range Organics (C8-C9) mg/kg	Hexachloro-butadiene ug/kg	Iodomethane ug/kg	Methyl ethyl ketone ug/kg	Methyl tert-butyl ether ug/kg	Methylene chloride ug/kg	Naphthalene ug/kg	n-Butylbenzene ug/kg	n-Propylbenzene ug/kg	o-Chlorotoluene ug/kg	Oil Range Organics (C24-C27) mg/kg	Oil Range Organics (C28-C31) mg/kg	Oil Range Organics (C32-C35) mg/kg	Oil Range Organics (C36-C39) mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																	
D-1	D-1-35	35	01/29/2001					5 U	10 U	25 U	5 U	6.5		5 U	5 U	5 U				
	D-1-45	45	01/29/2001					5 U	10 U	25 U	5 U	5.8		5 U	5 U	5 U				
	D-1-55	55	01/29/2001					5 U	10 U	25 U	5 U	5		5 U	5 U	5 U				
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B1-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B1-3-10	10	06/16/1999																	
	Par D-B1-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B1-5-25	25	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par-D-B1-1-0.5	0.5	06/16/1999																	
	Par-D-B1-2-5	5	06/16/1999																	
	Par-D-B1-5-25	25	06/16/1999																	
ParD-B10	Par D-B10-10.5	0.5	06/16/1999																	
	Par D-B10-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B10-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B10-3-10	10	06/16/1999																	
	Par D-B10-4-15	15	06/16/1999																	
	Par-D-B10-1-0.5	0.5	06/16/1999																	
	Par-D-B10-2-5	5	06/16/1999																	
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B2-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B2-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B2-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B2-5-25	25	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par-B2-3-10	10	06/16/1999																	
	Par-B2-4-15	15	06/16/1999																	
	Par-B2-5-25	25	06/16/1999																	
	Par-D-B2-1-0.5	0.5	06/16/1999																	
	Par-D-B2-2-5	5	06/16/1999																	
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B3-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B3-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B3-3-10D	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B3-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par-D-B3-1-0.5	0.5	06/16/1999																	
	Par-D-B3-2-5	5	06/16/1999																	
	Par-D-B3-3-10D	10	06/16/1999																	
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B4-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B4-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B4-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B4-5-25	25	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par-D-B4-1-0.5	0.5	06/16/1999																	
	Par-D-B4-2-5	5	06/16/1999																	
	Par-D-B4-5-25	25	06/16/1999																	
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B5-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B5-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B5-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B6-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B6-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B6-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B6-5-25	25	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par-D-B6-1-0.5	0.5	06/16/1999																	
	Par-D-B6-2-5	5	06/16/1999																	
	Par-D-B6-3-10	10	06/16/1999																	
	Par-D-B6-4-15	15	06/16/1999																	

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Gasoline Range Organics (C12-C13) mg/kg	Gasoline Range Organics (C4-C12) mg/kg	Gasoline Range Organics (C6-C8) mg/kg	Gasoline Range Organics (C8-C9) mg/kg	Hexachloro-butadiene ug/kg	Iodomethane ug/kg	Methyl ethyl ketone ug/kg	Methyl tert-butyl ether ug/kg	Methylene chloride ug/kg	Naphthalene ug/kg	n-Butylbenzene ug/kg	n-Propylbenzene ug/kg	o-Chlorotoluene ug/kg	Oil Range Organics (C24-C27) mg/kg	Oil Range Organics (C28-C31) mg/kg	Oil Range Organics (C32-C35) mg/kg	Oil Range Organics (C36-C39) mg/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																	
ParD-B7	Par D-B7-0.5	0.5	06/19/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	PAR D-B7-1-10	10	07/30/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	PAR D-B7-2-15	15	07/30/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B7-3-25	25	07/30/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	PAR D-B7-5.0	5	07/20/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B8-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B8-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B8-3-10D	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B8-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B9-2-5	5	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B9-3-10	10	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par D-B9-4-15	15	06/16/1999					2.5 U				5 U	2.5 U	2.5 U	2.5 U	2.5 U				
	Par-D-B9-1-0.5	0.5	06/16/1999																	
	Par-D-B9-2-5	5	06/16/1999																	

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				Oil Range Organics (C40+)	p-Chlorotoluene	p-Cymene	sec-Butylbenzene	sec-Dichloropropane	Styrene	tert-Butylbenzene	Tetrachloroethene	etrahydrofuran	Toluene	Total Carbon Chain Range	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Trichlorofluoro-methane	Vinyl acetate	Vinyl chloride	Xylene, Total
Result Value Units:				mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																		
D-1	D-1-35	35	01/29/2001		5 U	5 U	5 U	5 U	10 U	5 U	5 U	20 U	5 U		5 U		5 U	10 U	10 U	10 U	5 U
	D-1-45	45	01/29/2001		5 U	5 U	5 U	5 U	10 U	5 U	5 U	20 U	5 U		5 U		5 U	10 U	10 U	10 U	5 U
	D-1-55	55	01/29/2001		5 U	5 U	5 U	5 U	10 U	5 U	5 U	20 U	5 U		5 U		5 U	10 U	10 U	10 U	5 U
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	31		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B1-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B1-3-10	10	06/16/1999																		
	Par D-B1-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B1-5-25	25	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par-D-B1-1-0.5	0.5	06/16/1999																		
	Par-D-B1-2-5	5	06/16/1999																		
	Par-D-B1-5-25	25	06/16/1999																		
ParD-B10	Par D-B10-10.5	0.5	06/16/1999																		
	Par D-B10-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	31		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B10-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B10-3-10	10	06/16/1999																		
	Par D-B10-4-15	15	06/16/1999																		
	Par-D-B10-1-0.5	0.5	06/16/1999																		
	Par-D-B10-2-5	5	06/16/1999																		
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	47		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B2-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B2-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B2-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B2-5-25	25	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5.2		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par-B2-3-10	10	06/16/1999																		
	Par-B2-4-15	15	06/16/1999																		
	Par-B2-5-25	25	06/16/1999																		
	Par-D-B2-1-0.5	0.5	06/16/1999																		
	Par-D-B2-2-5	5	06/16/1999																		
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B3-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	8.9		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B3-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B3-3-10D	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B3-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par-D-B3-1-0.5	0.5	06/16/1999																		
	Par-D-B3-2-5	5	06/16/1999																		
	Par-D-B3-3-10D	10	06/16/1999																		
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B4-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B4-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B4-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B4-5-25	25	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par-D-B4-1-0.5	0.5	06/16/1999																		
	Par-D-B4-2-5	5	06/16/1999																		
	Par-D-B4-5-25	25	06/16/1999																		
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	6.1		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B5-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B5-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B5-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	120		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B6-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	16		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B6-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B6-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	14		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B6-5-25	25	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par-D-B6-1-0.5	0.5	06/16/1999																		
	Par-D-B6-2-5	5	06/16/1999																		
	Par-D-B6-3-10	10	06/16/1999																		
	Par-D-B6-4-15	15	06/16/1999																		

Appendix A-2
TPH and VOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte: Result Value Units:				Oil Range Organics (C40+) mg/kg	p-Chlorotoluene ug/kg	p-Cymene ug/kg	sec-Butylbenzene ug/kg	sec-Dichloropropane ug/kg	Styrene ug/kg	tert-Butylbenzene ug/kg	Tetrachloroethene ug/kg	etrahydrofuran ug/kg	Toluene ug/kg	Total Carbon Chain Range mg/kg	trans-1,2-Dichloroethene ug/kg	trans-1,3-Dichloropropene ug/kg	Trichloroethene ug/kg	Trichlorofluoro-methane ug/kg	Vinyl acetate ug/kg	Vinyl chloride ug/kg	Xylene, Total ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																		
ParD-B7	Par D-B7-0.5	0.5	06/19/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	7.1		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	PAR D-B7-1-10	10	07/30/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.9		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	PAR D-B7-2-15	15	07/30/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	14		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B7-3-25	25	07/30/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	9.3		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	PAR D-B7-5.0	5	07/20/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	16		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B8-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	19		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B8-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B8-3-10D	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B8-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	24		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B9-2-5	5	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	13		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B9-3-10	10	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par D-B9-4-15	15	06/16/1999		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U	2.5 U	5 U	5 U	2.5 U	2.5 U
	Par-D-B9-1-0.5	0.5	06/16/1999																		
	Par-D-B9-2-5	5	06/16/1999																		

Appendix A-3
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				Aroclor 1016	Aroclor 1254	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1260	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	beta-Benzenehexachloride	Chlordane	delta-BHC	Dieldrin
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B1-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B1-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B1-4-15	15	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B1-5-25	25	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B10	PAR D-B-10-1.0.5	0.5	06/16/1999	50 U	50 U	50 U	50 U	50 U	50 U	50 U									
	Par D-B10-1-0.5	0.5	06/16/1999	50 U	50 U	50 U	50 U	50 U	50 U	50 U									
	PAR D-B10-2.5	2.5	06/16/1999	50 U	50 U	50 U	50 U	50 U	50 U	50 U									
	Par D-B10-3-10	10	06/16/1999	20 U	20 U	20 U	20 U	20 U	20 U	20 U									
	Par D-B10-4-15	15	06/16/1999	20 U	20 U	20 U	20 U	20 U	20 U	20 U									
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B2-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B2-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B2-4-15	15	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B2-5-25	25	06/16/1999								2 U	5 U	3.5	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B3-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B3-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B3-4-15	15	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B4-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B4-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B4-4-15	15	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B4-5-25	25	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B5-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B5-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B5-4-15	15	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999								2 U	5 U	4.8	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B6-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B6-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B6-4-15	15	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B7	PAR DB7-0.5	0.5	07/20/1999								2 U	7.7	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	PAR D-B7-1-10	10	07/30/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	PAR D-B7-2-15	15	07/30/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	PAR D-B7-5.0	5	07/20/1999								4.9	26	8.4	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B8-2-5	5	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
	Par D-B8-3-10	10	06/16/1999								2 U	5 U	1 U	1 U	1 U	1 U	10 U	2 U	2 U
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999	50 U	50 U	50 U	50 U	50 U	50 U	50 U									
	Par D-B9-2-5	5	06/16/1999	50 U	50 U	50 U	50 U	50 U	50 U	50 U									
	Par D-B9-3-10	10	06/16/1999	20 U	20 U	20 U	20 U	20 U	20 U	20 U									
	Par D-B9-4-15	15	06/16/1999	20 U	20 U	20 U	20 U	20 U	20 U	20 U									

Appendix A-3
Metal Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				Endosulfan sulfate	Endosulfan-I	Endosulfan-II	Endrin	Endrin aldehyde	HCH-gamma	Heptachlor	Heptachlor epoxide	p,p'-Methoxychlor	Toxaphene
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**										
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B1-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B1-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B1-4-15	15	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B1-5-25	25	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B10	PAR D-B-10-1.0.5	0.5	06/16/1999										
	Par D-B10-1-0.5	0.5	06/16/1999										
	PAR D-B10-2.5	2.5	06/16/1999										
	Par D-B10-3-10	10	06/16/1999										
	Par D-B10-4-15	15	06/16/1999										
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B2-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B2-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B2-4-15	15	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B2-5-25	25	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B3-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B3-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B3-4-15	15	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B4-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B4-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B4-4-15	15	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B4-5-25	25	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B5-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B5-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B5-4-15	15	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B6-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B6-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B6-4-15	15	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B7	PAR DB7-0.5	0.5	07/20/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	PAR D-B7-1-10	10	07/30/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	PAR D-B7-2-15	15	07/30/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	PAR D-B7-5.0	5	07/20/1999	10 U	1 U	2 U	2.2	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B8-2-5	5	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
	Par D-B8-3-10	10	06/16/1999	10 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U	30 U	35 U
ParD-B9	Par D-B9-1-0.5	0.5	06/16/1999										
	Par D-B9-2-5	5	06/16/1999										
	Par D-B9-3-10	10	06/16/1999										
	Par D-B9-4-15	15	06/16/1999										

Appendix A-4
SVOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-o-cresol
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																			
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B10	Par D-B10-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B10-2	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B10-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B10-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-3-10D	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B5-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B5-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B5-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B5-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B6-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B6-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B6-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B7	Par D-B7-0.5	0.5	06/19/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	PAR D-B7-1-10	10	07/30/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	PAR D-B7-2-15	15	07/30/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B7-3-25	25	07/30/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B7-5-0	5	07/20/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B8-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B8-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B8-3-10D	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B8-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B8-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B9	Par D-B19-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B9-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B9-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B9-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U

Appendix A-4
SVOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	4-Nitrophenol	Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzo(a) anthracene	Benzo(a)pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Benzoic acid	Benzyl alcohol	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl) phthalate
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																		
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B1-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B1-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B1-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B1-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B10	Par D-B10-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B10-2	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B10-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B10-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B2-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B2-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B2-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B2-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B3-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B3-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B3-3-10D	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B3-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	800 U
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B4-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B4-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B4-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B4-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B5-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B5-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B5-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B5-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B6-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B6-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B6-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B7	Par D-B7-0.5	0.5	06/19/1999	100 U	100 U	100 U	100 U	100 U	100 U	100	170	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	PAR D-B7-1-10	10	07/30/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	PAR D-B7-2-15	15	07/30/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B7-3-25	25	07/30/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B7-5-0	5	07/20/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	120	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B8-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B8-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B8-3-10D	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B8-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B8-5-25	25	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
ParD-B9	Par D-B19-4-15	15	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B9-1-0.5	0.5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B9-2-5	5	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U
	Par D-B9-3-10	10	06/16/1999	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	250 U	250 U	250 U	500 U	100 U	100 U	100 U	100 U	100 U

Appendix A-4
SVOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				Butyl benzyl phthalate	Carbazole	Chrysene	Dibenzo(a,h) anthracene	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate	di-n-Octyl phthalate	Fluoranthene	Fluorene	Hexachloro-benzene	Hexachloro-butadiene	Hexachlorocyclo-pentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**																	
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B1-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B1-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B1-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B1-5-25	25	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B10	Par D-B10-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B10-2	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B10-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B10-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B2-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B2-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B2-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B2-5-25	25	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B3-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B3-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B3-3-10D	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B3-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B4-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B4-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B4-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B4-5-25	25	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B5-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B5-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B5-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B5-5-25	25	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B6-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B6-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B6-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B7	Par D-B7-0.5	0.5	06/19/1999	100 U		190	100 U	100 U	100 U	100 U	250 U	250 U	320	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	PAR D-B7-1-10	10	07/30/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	PAR D-B7-2-15	15	07/30/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B7-3-25	25	07/30/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B7-5-0	5	07/20/1999	100 U		140	100 U	100 U	100 U	100 U	250 U	250 U	210	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B8-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B8-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B8-3-10D	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B8-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B8-5-25	25	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
ParD-B9	Par D-B19-4-15	15	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B9-1-0.5	0.5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B9-2-5	5	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U
	Par D-B9-3-10	10	06/16/1999	100 U		100 U	100 U	100 U	100 U	100 U	250 U	250 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U

Appendix A-4
SVOC Concentrations in Soil
Former C-6 Facility, Parcel D
Los Angeles, California

Preferred Analyte:				m+p Cresol	Naphthalene	Nitrobenzene	N-Nitrosodimethyl amine	N-Nitrosodi-n-propylamine	N-Nitrosodiphenyl amine	o-Cresol	p-Chloroaniline	p-Chloro-m-cresol	p-Cresol	Pentachlorophenol	Phenanthrene	Phenol	p-Nitroaniline	Pyrene
Result Value Units:				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Object Name	**Sample Name**	**Depth (feet)**	**Date Collected**															
ParD-B1	Par D-B1-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B1-5-25	25	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B10	Par D-B10-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B10-2	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B10-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B10-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B2	Par D-B2-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B2-5-25	25	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B3	Par D-B3-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-3-10D	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B3-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B4	Par D-B4-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B4-5-25	25	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B5	Par D-B5-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	120	250 U	100 U
	Par D-B5-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	180	250 U	100 U
	Par D-B5-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	260	250 U	100 U
	Par D-B5-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	130	250 U	100 U
	Par D-B5-5-25	25	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	1500	250 U	100 U
ParD-B6	Par D-B6-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B6-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B6-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B6-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
ParD-B7	Par D-B7-0.5	0.5	06/19/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	290	100 U	250 U	290
	PAR D-B7-1-10	10	07/30/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	PAR D-B7-2-15	15	07/30/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B7-3-25	25	07/30/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B7-5-0	5	07/20/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	150	100 U	250 U	200
ParD-B8	Par D-B8-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	170	250 U	100 U
	Par D-B8-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	120	250 U	100 U
	Par D-B8-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	270	250 U	100 U
	Par D-B8-3-10D	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	200	250 U	100 U
	Par D-B8-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	310	250 U	100 U
	Par D-B8-5-25	25	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	740	250 U	100 U
ParD-B9	Par D-B19-4-15	15	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B9-1-0.5	0.5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B9-2-5	5	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U
	Par D-B9-3-10	10	06/16/1999		100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	250 U	100 U	100 U	250 U	100 U

APPENDIX B

Derivation of Cal-Adjusted Residential PRGs

TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
Volatile Organic Compounds (VOCs)						
75-34-3	1,1-Dichloroethane	1.00E+00	2.8E+00	3.6E-07	4.8E+02	0.002062
630-20-6	1,1,1,2-Tetrachloroethane	1.00E+00	3.1E+00	3.2E-07	4.8E+02	0.002083
71-55-6	1,1,1-Trichloroethane	1.00E+00	na	na	9.4E+02	0.001063
79-00-5	1,1,2-TCA	1.00E+00	6.9E-01	1.5E-06	3.5E+01	0.028691
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00E+00	na	na	4.9E+02	0.002048
75-35-4	1,1-Dichloroethylene	1.00E+00	na	na	4.4E+01	0.022783
95-50-1	1,2-Dichlorobenzene	1.00E+00	na	na	1.0E+03	0.000961
96-18-4	1,2,3-Trichloropropane	1.00E+00	5.0E-03	2.0E-04	3.3E+00	0.305867
3405-32-1	1,2,3,4-Tetrachlorobutane	1.00E+00	na	na	na	na
87-61-6	1,2,3-Trichlorobenzene	1.00E+00	na	na	na	na
95-63-6	1,2,4-Trimethylbenzene	1.00E+00	na	na	5.1E+01	0.019466
120-82-1	1,2,4-Trichlorobenzene	1.00E+00	na	na	5.1E+02	0.001973
107-06-2	1,2-Dichloroethane	1.00E+00	3.5E-01	2.8E-06	5.0E+02	0.001998
108-67-8	1,3,5-Trimethylbenzene	1.00E+00	na	na	2.1E+01	0.047961
541-73-1	1,3-Dichlorobenzene	1.00E+00	na	na	1.5E+01	0.066667
106-46-7	1,4-Dichlorobenzene	1.00E+00	2.1E+00	4.7E-07	1.3E+03	0.000795
78-87-5	2,2-Dichloropropane (surrogate=1,2-dichloropropane)	1.00E+00	6.4E-01	1.6E-06	5.8E+00	0.171754
95-49-8	2-Chlorotoluene	1.00E+00	na	na	1.6E+02	0.006389

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TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
99-87-6	4-Isopropyltoluene (surrogate=isopropyl-benzene)	1.00E+00	na	na	5.6E+02	0.001784
108-10-1	4-Methyl-2-pentanone	1.00E+00	na	na	7.6E+02	0.001323
67-64-1	Acetone	1.00E+00	na	na	1.5E+03	0.000671
107-02-8	Acrolein	1.00E+00	na	na	3.0E-01	3.325833
71-43-2	Benzene	1.00E+00	1.8E-01	5.7E-06	5.2E+01	0.019382
108-86-1	Bromobenzene	1.00E+00	na	na	2.7E+01	0.036548
74-97-5	Bromochloromethane (surrogate=methylene chloride)	1.00E+00	4.1E+00	2.4E-07	4.0E+02	0.002526
75-27-4	Bromodichloromethane	1.00E+00	3.8E-01	2.6E-06	2.1E+02	0.004679
593-60-2	Bromoethane	1.00E+00	1.9E-01	5.2E-06	8.5E+00	0.117628
75-25-2	Bromoform	1.00E+00	6.2E+01	1.6E-08	1.2E+03	0.000804
74-83-9	Bromomethane	1.00E+00	na	na	3.9E+00	0.256867
75-15-0	Carbon disulfide	1.00E+00	na	na	4.0E+02	0.002523
56-23-5	Carbon tetrachloride	1.00E+00	8.9E-02	1.1E-05	2.0E+01	0.050873
108-90-7	Chlorobenzene	1.00E+00	na	na	8.5E+02	0.001183
75-00-3	Chloroethane	1.00E+00	3.0E+00	3.3E-07	1.0E+04	0.000100
67-66-3	Chloroform	1.00E+00	8.9E-01	1.1E-06	2.2E+02	0.004496
74-87-3	Chloromethane	1.00E+00	1.2E+00	8.2E-07	na	na
156-59-2	cis-1,2-Dichloroethylene	1.00E+00	na	na	4.2E+01	0.023932
124-48-1	Dibromochloromethane	1.00E+00	9.5E-01	1.1E-06	3.5E+02	0.002825
75-71-8	Dichlorodifluoromethane	1.00E+00	na	na	9.4E+01	0.010691

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TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
100-41-4	Ethylbenzene	1.00E+00	8.8E+00	1.1E-07	2.6E+03	0.000378
74-88-4	Iodomethane (surrogate=bromomethane)	1.00E+00	na	na	3.9E+00	0.256867
67-63-0	Isopropyl alcohol (surrogate=1-butanol)	1.00E+00	na	na	6.1E+03	0.000164
98-82-8	Isopropyl-benzene	1.00E+00	na	na	5.6E+02	0.001784
78-93-3	Methyl Ethyl Ketone	1.00E+00	na	na	6.9E+03	0.000145
75-09-2	Methylene Chloride	1.00E+00	4.1E+00	2.4E-07	3.9E+02	0.002534
1634-04-4	MTBE	1.00E+00	1.6E+01	6.1E-08	1.3E+04	0.000080
104-51-8	n-Butylbenzene	1.00E+00	na	na	1.6E+02	0.006064
103-65-1	n-Propylbenzene	1.00E+00	na	na	5.4E+02	0.001839
135-98-8	sec-Butylbenzene	1.00E+00	na	na	1.2E+02	0.008122
100-42-5	Styrene	1.00E+00	na	na	3.7E+03	0.000268
75-65-0	t-Butanol (surrogate=1-butanol)	1.00E+00	na	na	6.1E+03	0.000164
994-05-8	tert-amyl methyl ether	1.00E+00	na	na	na	na
98-06-6	tert-butylbenzene	1.00E+00	na	na	1.5E+02	0.006765
127-18-4	Tetrachloroethylene	1.00E+00	1.0E-01	1.0E-05	3.7E+01	0.026709
109-99-9	Tetrahydrofuran	1.00E+00	9.0E+00	1.1E-07	1.3E+03	0.000798
108-88-3	Toluene	1.00E+00	na	na	5.1E+02	0.001971
156-60-5	trans-1,2-Dichloroethylene	1.00E+00	na	na	6.8E+01	0.014608

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TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
542-75-6	trans-1,3-Dichloropropene (surrogate=1,3-dichloropropene)	1.00E+00	2.2E-01	4.6E-06	1.6E+01	0.063080
79-01-6	Trichloroethlyene	1.00E+00	2.9E+00	3.5E-07	1.3E+01	0.077579
75-69-4	Trichlorofluoromethane	1.00E+00	na	na	3.8E+02	0.002608
108-05-4	Vinyl acetate	1.00E+00	na	na	4.3E+02	0.002343
75-01-4	Vinyl chloride	1.00E+00	1.2E-02	8.0E-05	1.1E+01	0.088771
1330-20-7	Xylenes	1.00E+00	na	na	1.8E+03	0.000549
Semi-volatile Organic Compounds (SVOCs)						
65-85-0	Benzoic acid	1.00E+00	na	na	2.4E+05	0.000004
117-81-7	Bis(2-ethylhexyl)phthalate	1.00E+00	1.6E+02	6.2E-09	1.2E+03	0.000804
85-68-7	Butyl benzyl phthalate	1.00E+00	na	na	1.2E+04	0.000080
86-74-8	Carbazole	1.00E+00	2.4E+01	4.1E-08	na	na
59-50-7	4-Chloro-3-methylphenol	1.00E+00	na	na	na	na
132-64-9	Dibenzofuran	1.00E+00	na	na	1.2E-02	85.370155
84-74-2	Di-n-butyl phthalate	1.00E+00	na	na	6.1E+03	0.000164
84-66-2	Diethyl phthalate	1.00E+00	na	na	4.9E+04	0.000020
123-91-1	1,4-Dioxane	1.00E+00	1.8E+01	5.6E-08	na	na
118-74-1	Hexachlorobenzene	1.00E+00	2.7E-01	3.7E-06	4.9E+01	0.020419
87-68-3	Hexachlorobutadiene	1.00E+00	6.2E+00	1.6E-07	1.8E+01	0.055385
98-95-3	Nitrobenzene	1.00E+00	na	na	1.6E+01	0.064279
594-72-9	1-Nitro-1,1-dichloroethane	1.00E+00	na	na	na	na

TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
108-95-2	Phenol	1.00E+00	na	na	3.7E+04	0.000027
110-86-1	Pyridine	1.00E+00	na	na	6.1E+01	0.016392
Pesticides						
72-54-8	4,4'-DDD	1.00E+00	2.4E+00	4.1E-07	na	na
72-55-9	4,4'-DDE	1.00E+00	1.7E+00	5.8E-07	na	na
50-29-3	4,4'-DDT	1.00E+00	1.7E+00	5.8E-07	3.6E+01	0.027770
60-57-1	Dieldrin	1.00E+00	3.0E-02	3.3E-05	3.1E+00	0.327849
72-20-8	Endrin	1.00E+00	na	na	1.8E+01	0.055385
Polychlorinated Biphenyls (PCBs)						
53469-21-9	Aroclor 1242	1.00E+00	8.9E-02	1.1E-05	na	na
12672-29-6	Aroclor 1248	1.00E+00	8.9E-02	1.1E-05	na	na
11097-69-1	Aroclor 1254	1.00E+00	8.9E-02	1.1E-05	1.1E+00	0.875001
11096-82-5	Aroclor 1260	1.00E+00	8.9E-02	1.1E-05	na	na
Polynuclear Aromatic Hydrocarbons (PAHs)						
83-32-9	Acenaphthene	1.00E+00	na	na	2.9E+03	0.000343
208-96-8	Acenaphthylene (surrogate=pyrene)	1.00E+00	na	na	1.7E+03	0.000585
120-12-7	Anthracene	1.00E+00	na	na	1.6E+04	0.000061
56-55-3	Benzo(a)anthracene	1.00E+00	3.8E-01	2.7E-06	na	na
205-99-2	Benzo(b)fluoranthene	1.00E+00	3.8E-01	2.7E-06	na	na
207-08-9	Benzo(k)fluoranthene	1.00E+00	3.8E-01	2.7E-06	na	na
191-24-2	Benzo(g,h,i)perylene	1.00E+00	na	na	1.7E+03	0.000585

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TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
50-32-8	Benzo(a)pyrene	1.00E+00	3.8E-02	2.7E-05	na	na
218-01-9	Chrysene	1.00E+00	3.8E+00	2.7E-07	na	na
53-70-3	Dibenzo(a,h)anthracene	1.00E+00	1.1E-01	9.1E-06	na	na
206-44-0	Fluoranthene	1.00E+00	na	na	2.3E+03	0.000439
86-73-7	Fluorene	1.00E+00	na	na	2.1E+03	0.000474
193-39-5	Indeno(1,2,3-cd)pyrene	1.00E+00	3.8E-01	2.7E-06	na	na
91-57-6	2-Methylnaphthalene (surrogate = pyrene)	1.00E+00	na	na	1.7E+03	0.000585
91-20-3	Naphthalene	1.00E+00	na	na	1.5E+02	0.006580
85-01-8	Phenanthrene (surrogate=pyrene)	1.00E+00	na	na	1.7E+03	0.000585
129-00-0	Pyrene	1.00E+00	na	na	1.7E+03	0.000585
Metals						
7429-90-5	Aluminum	1.00E+00	na	na	5.7E+04	0.000017
7440-36-0	Antimony	1.00E+00	na	na	3.1E+01	0.032258
7440-38-2	Arsenic	1.00E+00	3.9E-01	2.5E-06	2.3E+01	0.042619
7440-39-3	Barium	1.00E+00	na	na	4.0E+03	0.000247
7440-41-7	Beryllium	1.00E+00	1.1E+03	9.1E-10	1.1E+02	0.008789
7440-43-9	Cadmium	1.00E+00	1.7E+00	5.9E-07	3.9E+01	0.025640
16065-83-1	Chromium (trivalent)	1.00E+00	na	na	1.2E+05	0.000008
18540-29-9	Chromium (hexavalent)	1.00E+00	1.7E+01	5.8E-08	2.9E+02	0.003418
7440-48-4	Cobalt	1.00E+00	9.0E+02	1.1E-09	1.1E+03	0.000938

BOE-C6-0009807

TABLE B-1

SUMMARY OF SCREENING RISK ASSESSMENT RESULTS USING ADJUSTED PRGs
RESIDENTIAL SCENARIO

Pathways: Ingestion of Soil, Dermal Contact with Soil, and Inhalation of Fugitive Dust and Vapors in Outdoor Air						
CAS No.		**Maximum Soil Concentration (mg/kg)**	**California-Adjusted PRG (cancer) (mg/kg)**	**Estimated Excess Lifetime Cancer Risk**	**California- Adjusted PRG (noncancer)**	**Estimated Hazard Quotient**
7440-50-8	Copper	1.00E+00	na	na	3.1E+03	0.000323
7439-92-1	Lead	1.00E+00	na	na	na	na
7487-94-7	Mercury	1.00E+00	na	na	6.9E+01	0.014493
7439-98-7	Molybdenum	1.00E+00	na	na	3.9E+02	0.002564
7440-02-0	Nickel (soluble salts)	1.00E+00	na	na	4.0E+03	0.000250
7782-49-2	Selenium	1.00E+00	na	na	3.9E+02	0.002564
7440-22-4	Silver	1.00E+00	na	na	3.9E+02	0.002564
7446-18-6	Thallium	1.00E+00	na	na	5.2E+00	0.192308
7440-62-2	Vanadium	1.00E+00	na	na	5.5E+02	0.001818
7440-66-6	Zinc	1.00E+00	na	na	2.3E+04	0.000043
Other Inorganics						
74-90-8	Cyanide (as hydrogen cyanide)	1.00E+00	na	na	3.2E+01	0.031029
TOTAL				4.6E-04		92.3

na = not applicable
Note: If selected as a COPC, lead will be evaluated using the DTSC LEADSPREAD model.
italics - Chemical is classified as an EPA Class C and/or an IARC Group 3 carcinogen, and is thus, not included in the total risk calculation.

TABLE B-2

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - CANCER

CAS No.		EPA Residential - cancer PRGs (mg/kg)					EPA SFi (inh)	EPA SFo (oral)	EPA SFo (dermal)	CA SFi (inh)		CA SFo (oral)		CA SFo (dermal)		IARC Cancer Classi-fication	USEPA Cancer Classi-fication	CA-adjusted Residential		
		inh	ingest	dermal	combined	Revised to add dermal pathway	(mg/kg-day)$^{-1}$	(mg/kg-day)$^{-1}$	(mg/kg-day)$^{-1}$	(mg/kg-day)$^{-1}$	Ref.	(mg/kg-day)$^{-1}$	Ref.	(mg/kg-day)$^{-1}$	Ref.			PRG - c	PRG - c (w Dermal)	% Change
Volatile Organic Compounds (VOCs)																				
75-34-3	1,1-Dichloroethane	2.9E+00	1.1E+02	3.3E+02	2.8E+00	2.8E+00	5.7E-03	5.7E-03	5.7E-03	*5.7E-03*	*a,b,c*	*5.7E-03*	*a,b*	*5.7E-03*	*a,b*	*nc*	*C*	2.8E+00	2.8E+00	-1%
630-20-6	1,1,1,2-Tetrachloroethane	3.7E+00	2.5E+01	7.5E+01	3.2E+00	3.1E+00	2.6E-02	2.6E-02	2.6E-02	*2.6E-02*	*a*	*2.6E-02*	*a*	*2.6E-02*	*a*	*3*	*C*	3.2E+00	3.1E+00	-4%
71-55-6	1,1,1-Trichloroethane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
79-00-5	1,1,2-TCA	7.8E-01	1.1E+01	3.3E+01	7.3E-01	7.1E-01	5.6E-02	5.7E-02	5.7E-02	*5.7E-02*	*b,c*	*7.2E-02*	*b*	*7.2E-02*	*b*	*3*	*C*	7.0E-01	6.9E-01	-3%
76-13-1	1,1,2-Trichlorotrifluoroethane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
75-35-4	1,1-Dichloroethylene	na	na	na	na	na	na	na	na	*na*	*a*	*na*	*a*	*na*	*a*	*3*	*C*	na	na	na
95-50-1	1,2-Dichlorobenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
96-18-4	1,2,3-Trichloropropane	5.1E-03	3.2E-01	9.6E-01	5.0E-03	5.0E-03	2.0E+00	2.0E+00	2.0E+00	2.0E+00	a	2.0E+00	a	2.0E+00	a	2A	nc	5.0E-03	5.0E-03	-1%
3405-32-1	1,2,3,4-Tetrachlorobutane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
87-61-6	1,2,3-Trichlorobenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
95-63-6	1,2,4-Trimethylbenzene	na	na	na	na	na	na	na	na	na	a,b	3.6E-03	b	3.6E-03	b	nc	nc	na	na	na
120-82-1	1,2,4-Trichlorobenzene	na	na	na	na	na	na	na	na	na	a,b	3.6E-03	b	na	a,b	nc	nc	na	na	na
107-06-2	1,2-Dichloroethane	2.9E-01	7.0E+00	2.1E+01	2.8E-01	2.7E-01	9.1E-02	9.1E-02	9.1E-02	7.2E-02	b	4.7E-02	b	4.7E-02	b	2B	B2	3.6E-01	3.5E-01	-1%
108-67-8	1,3,5-Trimethylbenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
541-73-1	1,3-Dichlorobenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
106-46-7	1,4-Dichlorobenzene	4.0E+00	2.7E+01	8.0E+01	3.4E+00	3.3E+00	2.2E-02	2.4E-02	2.4E-02	4.0E-02	b	5.4E-03	b	5.4E-03	b	2B	nc	2.1E+00	2.1E+00	-1%
71-36-3	1-Butanol	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	D	na	na	na
78-87-5	2,2-Dichloropropane (surrogate=1,2-dichloropropane)	3.6E-01	9.4E+00	2.8E+01	3.4E-01	3.4E-01	6.8E-02	6.8E-02	6.8E-02	*3.6E-02*	*b*	*3.6E-02*	*b*	*3.6E-02*	*b*	*3*	*nc*	6.5E-01	6.4E-01	-1%
95-49-8	2-Chlorotoluene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
99-87-6	4-Isopropyltoluene (surrogate=isopropyl-benzene)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
108-10-1	4-Methyl-2-pentanone	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
67-64-1	Acetone	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	D	na	na	na
107-02-8	Acrolein	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	C	na	na	na
71-43-2	Benzene	6.3E-01	1.2E+01	3.6E+01	6.0E-01	5.9E-01	2.9E-02	5.5E-02	5.5E-02	1.0E-01	b,c	1.0E-01	b	1.0E-01	b	1	A	1.8E-01	1.8E-01	-1%
108-86-1	Bromobenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
74-97-5	Bromochloromethane (surrogate=methylene chloride)	1.0E+01	8.5E+01	2.6E+02	9.1E+00	8.8E+00	1.6E-03	7.5E-03	7.5E-03	3.5E-03	b	1.4E-02	b	1.4E-02	b	2B	B2	4.2E+00	4.1E+00	-3%
75-27-4	Bromodichloromethane	9.0E-01	1.0E+01	3.0E+01	8.2E-01	8.0E-01	6.2E-02	6.2E-02	6.2E-02	1.3E-01	b	1.3E-01	b	1.3E-01	b	2B	B2	3.9E-01	3.8E-01	-3%
593-60-2	Bromoethane	2.0E-01	5.8E+00	1.7E+01	1.9E-01	1.9E-01	1.1E-01	1.1E-01	1.1E-01	1.1E-01	a	1.1E-01	a	1.1E-01	a	2A	A	1.9E-01	1.9E-01	-1%
75-25-2	Bromoform	2.3E+06	8.1E+01	2.6E+02	6.2E+01	6.2E+01	3.9E-03	7.9E-03	7.9E-03	3.9E-03	a	7.9E-03	a	7.9E-03	a	3	B2	6.2E+01	6.2E+01	0%
74-83-9	Bromomethane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
75-15-0	Carbon disulfide	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
56-23-5	Carbon tetrachloride	2.6E-01	4.9E+00	1.5E+01	2.5E-01	2.4E-01	5.3E-02	1.3E-01	1.3E-01	1.5E-01	b,c	1.5E-01	b	1.5E-01	b	2B	B2	9.0E-02	8.9E-02	-1%
108-90-7	Chlorobenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	D	na	na	na
75-00-3	Chloroethane	3.1E+00	2.2E+02	6.6E+02	3.1E+00	3.0E+00	2.9E-03	2.9E-03	2.9E-03	*2.9E-03*	*a*	*2.9E-03*	*a*	*2.9E-03*	*a*	*3*	*nc*	3.1E+00	3.0E+00	0%
67-66-3	Chloroform	9.4E-01	2.1E+01	6.3E+01	9.4E-01	8.9E-01	1.9E-02	3.1E-02	3.1E-02	1.9E-02	a,b,c	3.1E-02	a,b	3.1E-02	a,b	2B	B2	9.4E-01	8.9E-01	-6%
74-87-3	Chloromethane	1.3E+00	4.9E+01	1.5E+02	1.2E+00	1.2E+00	6.3E-03	1.3E-02	1.3E-02	*6.3E-03*	*a*	*1.3E-02*	*a*	*1.3E-02*	*a*	*3*	*C*	1.2E+00	1.2E+00	-1%
156-59-2	cis-1,2-Dichloroethylene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
124-48-1	Dibromochloromethane	1.3E+00	7.6E+00	2.3E+01	1.1E+00	1.1E+00	8.4E-02	8.4E-02	8.4E-02	*9.4E-02*	*b*	*9.4E-02*	*b*	*9.4E-02*	*b*	*3*	*C*	9.9E-01	9.5E-01	-5%
75-71-8	Dichlorodifluoromethane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
100-41-4	Ethylbenzene	9.4E+00	1.7E+02	5.1E+02	8.9E+00	8.8E+00	3.85E-03	3.85E-03	3.9E-03	3.85E-03	a,b	3.85E-03	a	3.85E-03	a	nc	nc	8.9E+00	8.8E+00	-2%
74-88-4	Iodomethane (surrogate=bromomethane)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
	Isopropyl alcohol (surrogate=1-butanol)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	D	na	na	na
98-82-8	Isopropyl-benzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
78-93-3	Methyl Ethyl Ketone	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
75-09-2	Methylene Chloride	1.0E+01	8.5E+01	2.6E+02	9.1E+00	8.8E+00	1.6E-03	7.5E-03	7.5E-03	3.5E-03	b,c	1.4E-02	b	1.4E-02	b	2B	B2	4.2E+00	4.1E+00	-3%
1634-04-4	MTBE	9.0E+01	1.9E+02	5.7E+02	6.1E+01	5.5E+01	3.5E-04	3.3E-03	3.3E-03	1.8E-03	b	1.8E-03	b	1.8E-03	b	3	A3	1.7E+01	1.6E+01	-2%
104-51-8	n-Butylbenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na

TABLE B-2

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - CANCER

103-65-1	n-Propylbenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
135-98-8	sec-Butylbenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
100-42-5	Styrene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	2B	nc	na	na	na
75-65-0	t-Butanol (surrogate=1-butanol)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	D	na	na	na
994-05-8	tert-amyl methyl ether	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
98-06-6	tert-butylbenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
127-18-4	Tetrachloroethylene	1.7E+00	1.2E+01	3.6E+01	1.5E+00	1.4E+00	1.0E-02	5.2E-02	5.2E-02	1.5E-01	b	5.4E-01	b	5.4E-01	b	2B	nc	1.0E-01	1.0E-01	-3%
109-99-9	Tetrahydrofuran	1.1E+01	8.4E+01	2.5E+02	9.4E+00	9.0E+00	6.8E-03	7.6E-03	7.6E-03	6.8E-03	a	7.6E-03	a	7.6E-03	a	nc	nc	9.4E+00	9.0E+00	-4%
108-88-3	Toluene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
156-60-5	trans-1,2-Dichloroethylene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
542-75-6	trans-1,3-Dichloropropene (surrogate=1,3-dichloropropene)	8.8E-01	6.4E+00	1.9E+01	7.8E-01	7.5E-01	1.4E-02	1.0E-01	1.0E-01	5.5E-02	b	9.1E-02	b	9.1E-02	b	2B	B2	2.2E-01	2.2E-01	-1%
79-01-6	Trichloroethlyene	5.5E-02	1.6E+00	4.8E+00	5.3E-02	5.3E-02	4.0E-01	4.0E-01	4.0E-01	7.0E-03	a	1.3E-02	a	1.3E-02	a	3	nc	3.0E+00	2.9E+00	-2%
75-69-4	Trichlorofluoromethane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
108-05-4	Vinyl acetate	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	2B	nc	na	na	na
75-01-4	Vinyl chloride	1.1E-01	2.8E-01	8.4E-01	7.9E-02	7.2E-02	3.1E-02	1.5E+00	1.5E+00	2.7E-01	b,c	2.7E-01	b	2.7E-01	b	1	A	1.3E-02	1.2E-02	0%
1330-20-7	Xylenes	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
Semi-volatile Organic Compounds (SVOCs)																				
65-85-0	Benzoic acid	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	D	na	na	na
117-81-7	Bis(2-ethylhexyl)phthalate	6.3E+05	4.6E+01	1.4E+02	3.5E+01	3.5E+01	1.4E-02	1.4E-02	1.4E-02	8.4E-03	b,c	3.0E-03	b,c	3.0E-03	b	2B	B2	1.6E+02	1.6E+02	0%
85-68-7	Butyl benzyl phthalate	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
86-74-8	Carbazole	4.4E+05	3.2E+01	1.0E+02	2.4E+01	2.4E+01	2.0E-02	2.0E-02	2.0E-02	2.0E-02	a	2.0E-02	a	2.0E-02	a	nc	nc	2.4E+01	2.4E+01	0%
59-50-7	4-Chloro-3-methylphenol	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
132-64-9	Dibenzofuran	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
84-74-2	Di-n-butyl phthalate	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
84-66-2	Diethyl phthalate	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
123-91-1	1,4-Dioxane	8.0E+05	5.8E+01	1.8E+02	4.4E+01	4.4E+01	1.1E-02	1.1E-02	1.1E-02	2.7E-02	b,c	2.7E-02	b	2.7E-02	b	2A	B2	1.8E+01	1.8E+01	0%
118-74-1	Hexachlorobenzene	5.5E+03	4.0E-01	1.3E+00	3.0E-01	3.0E-01	1.6E+00	1.6E+00	1.6E+00	1.8E+00	b,c	1.8E+00	b,c	1.8E+00	b,c	2B	B2	2.7E-01	2.7E-01	0%
87-68-3	Hexachlorobutadiene	1.1E+05	8.2E+00	2.6E+01	6.2E+00	6.2E+00	7.8E-02	7.8E-02	7.8E-02	*7.8E-02*	*a*	*7.8E-02*	*a*	*7.8E-02*	*a*	*3*	*C*	6.2E+00	6.2E+00	0%
98-95-3	Nitrobenzene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	2B	D	na	na	na
594-72-9	1-Nitro-1,1-dichloroethane	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
108-95-2	Phenol	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
110-86-1	Pyridine	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
Pesticides																				
72-54-8	4,4'-DDD	3.7E+04	2.7E+00	2.8E+01	2.4E+00	2.4E+00	2.4E-01	2.4E-01	2.4E-01	2.4E-01	a,b	2.4E-01	a,b	2.4E-01	a,b	2B	B2	2.4E+00	2.4E+00	0%
72-55-9	4,4'-DDE	2.6E+04	1.9E+00	2.0E+01	1.7E+00	1.7E+00	3.4E-01	3.4E-01	3.4E-01	3.4E-01	a,b	3.4E-01	a,b	3.4E-01	a,b	2B	B2	1.7E+00	1.7E+00	0%
50-29-3	4,4'-DDT	2.6E+04	1.9E+00	2.0E+01	1.7E+00	1.7E+00	3.4E-01	3.4E-01	3.4E-01	3.4E-01	a,b	3.4E-01	a,b	3.4E-01	a,b	2B	B2	1.7E+00	1.7E+00	0%
60-57-1	Dieldrin	5.5E+02	4.0E-02	1.3E-01	3.0E-02	3.0E-02	1.6E+01	1.6E+01	1.6E+01	1.6E+01	a,b	1.6E+01	a,b	1.6E+01	a,b	3	B2	3.0E-02	3.0E-02	0%
72-20-8	Endrin	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
Polychlorinated Biphenyls (PCBs)																				
53469-21-9	Aroclor 1242	4.4E+03	3.2E-01	7.2E-01	2.2E-01	2.2E-01	2.0E+00	2.0E+00	2.0E+00	2.0E+00	a,b	5.0E+00	b	5.00E+00	b	2A	B2	8.9E-02	8.9E-02	0%
12672-29-6	Aroclor 1248	4.4E+03	3.2E-01	7.2E-01	2.2E-01	2.2E-01	2.0E+00	2.0E+00	2.0E+00	2.0E+00	a,b	5.0E+00	b	5.00E+00	b	2A	B2	8.9E-02	8.9E-02	0%
11097-69-1	Aroclor 1254	4.4E+03	3.2E-01	7.2E-01	2.2E-01	2.2E-01	2.0E+00	2.0E+00	2.0E+00	2.0E+00	a,b	5.0E+00	b	5.00E+00	b	2A	B2	8.9E-02	8.9E-02	0%
11096-82-5	Aroclor 1260	4.4E+03	3.2E-01	7.2E-01	2.2E-01	2.2E-01	2.0E+00	2.0E+00	2.0E+00	2.0E+00	a,b	5.0E+00	b	5.00E+00	b	2A	B2	8.9E-02	8.9E-02	0%
Polynuclear Aromatic Hydrocarbons (PAHs)																				
83-32-9	Acenaphthene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
208-96-8	Acenaphthylene (surrogate=pyrene)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
120-12-7	Anthracene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
56-55-3	Benzo(a)anthracene	1.2E+04	8.8E-01	2.1E+00	6.2E-01	6.2E-01	7.3E-01	7.3E-01	7.3E-01	3.9E-01	b,c	1.2E+00	b,c	1.2E+00	b	2A	B2	3.8E-01	3.8E-01	0%
205-99-2	Benzo(b)fluoranthene	1.2E+04	8.8E-01	2.1E+00	6.2E-01	6.2E-01	7.3E-01	7.3E-01	7.3E-01	3.9E-01	b,c	1.2E+00	b,c	1.2E+00	b	2B	B2	3.8E-01	3.8E-01	0%
207-08-9	Benzo(k)fluoranthene	1.2E+05	8.8E+00	2.1E+01	6.2E+00	6.2E+00	7.3E-02	7.3E-02	7.3E-02	3.9E-01	b,c	1.2E+00	b,c	1.2E+00	b	2B	B2	3.8E-01	3.8E-01	0%
191-24-2	Benzo(g,h,i)perylene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
50-32-8	Benzo(a)pyrene	1.2E+03	8.8E-02	2.1E-01	6.2E-02	6.2E-02	7.3E+00	7.3E+00	7.3E+00	3.9E+00	b,c	1.2E+01	b,c	1.2E+01	b	2A	B2	3.8E-02	3.8E-02	0%
218-01-9	Chrysene	1.2E+06	8.8E+01	2.1E+02	6.2E+01	6.2E+01	7.3E-03	7.3E-03	7.3E-03	3.9E-02	b,c	1.2E-01	a,b,c	1.2E-01	b	3	B2	3.8E+00	3.8E+00	0%
53-70-3	Dibenzo(a,h)anthracene	1.2E+03	8.8E-02	2.1E-01	6.2E-02	6.2E-02	7.3E+00	7.3E+00	7.3E+00	4.1E+00	b,c	4.1E+00	b,c	4.1E+00	b	2A	B2	1.1E-01	1.1E-01	0%

TABLE B-2

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - CANCER

206-44-0	Fluoranthene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
86-73-7	Fluorene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
193-39-5	Indeno(1,2,3-cd)pyrene	1.2E+04	8.8E-01	2.1E+00	6.2E-01	6.2E-01	7.3E-01	7.3E-01	7.3E-01	3.9E-01	b,c	1.2E+00	b,c	1.2E+00	b	2B	B2	3.8E-01	3.8E-01	0%
91-57-6	2-Methylnaphthalene (surrogate = pyrene)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
91-20-3	Naphthalene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	C	na	na	na
85-01-8	Phenanthrene (surrogate=pyrene)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
129-00-0	Pyrene	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	D	na	na	na
Metals																				
7429-90-5	Aluminum	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7440-36-0	Antimony	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7440-38-2	Arsenic	5.9E+02	4.3E-01	4.5E+00	3.9E-01	3.9E-01	1.5E+01	1.5E+00	1.5E+00	1.2E+01	b,c	1.5E+00	b,c	1.5E+00	b	1	A	3.9E-01	3.9E-01	0%
7440-39-3	Barium	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7440-41-7	Beryllium	1.1E+03	na	na	1.1E+03	[illegible]	8.4E+00	na	na	8.4E+00	a,b,c	na	a,b	na	a,b	1	B2	1.1E+03	1.1E+03	0%
7440-43-9	Cadmium	5.9E+02	1.7E+00	5.3E+02	1.7E+00	1.7E+00	6.3E+00	na	na	1.5E+01	b,c	3.8E-01	b	3.8E-01	b	2A	B1	1.7E+00	1.7E+00	0%
16065-83-1	Chromium (trivalent)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
18540-29-9	Chromium (hexavalent)	3.0E+01	na	na	3.0E+01	[illegible]	2.9E+02	na	na	5.1E+02	b,c	4.2E-01	c	4.2E-01	c	1	A	1.7E+01	1.7E+01	0%
7440-48-4	Cobalt	9.0E+02	na	na	9.0E+02	[illegible]	9.8E+00	na	na	9.8E+00	a	na	a,b	na	a,b	2B	nc	9.0E+02	9.0E+02	0%
7440-50-8	Copper	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7439-92-1	Lead	na	na	na	na	na	na	na	na	4.20E-02	b	8.50E-03	b	8.50E-03	b	2B	B2	na	na	na
7487-94-7	Mercury	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
7439-98-7	Molybdenum	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7440-02-0	Nickel (soluble salts)	na	na	na	na	na	na	na	na	9.10E-01	b,c	na	a,b	na	a,b	1	A	na	na	na
7782-49-2	Selenium	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	3	nc	na	na	na
7440-22-4	Silver	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7446-18-6	Thallium	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7440-62-2	Vanadium	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
7440-66-6	Zinc	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na
Other Inorganics																				
74-90-8	Cyanide (as hydrogen cyanide)	na	na	na	na	na	na	na	na	na	a,b	na	a,b	na	a,b	nc	nc	na	na	na

California-adjusted cancer PRG = 1 / ((1 / (EPA inhalation cancer PRG x EPA SFi / CA SFi))+ (1 / (EPA ingestion cancer PRG x EPA SFo / CA SFo))+ (1 / (EPA dermal cancer PRG x EPA SFo / CA SFo)))

References:

a EPA Region 9, Preliminary Remediation Goals (PRGs), October 1, 2002.
b Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Toxicity Criteria Database and May 2002 California Cancer Potency Values, http://www.oehha.ca.gov/risk/chemicalDB/index.asp
c Cal-EPA, Air Resources Board (ARB), Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values, March 4, 2002, http://www.arb.ca.gov/ab2588/riskassess.htm
d Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Chronic Reference Exposure Levels (RELs) for Airborne Toxicants, December 2001, http://www.oehha.org/air/chronic_rels/AllChrels.html

Toxicity Value Reference Priority:

1. Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Toxicity Criteria Database and May 2002 California Cancer Potency Values, http://www.oehha/ca.gov/risk/chemicalDB/index.asp
2. Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Chronic Reference Exposure Levels (RELs) for Airborne Toxicants, December 2001, http://www.oehha.org/air/chronic_rels/AllChrels.htm
3. Cal-EPA, Air Resources Board (ARB), Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values, March 4, 2002, http://www.arb.ca.gov/ab2588/riskassess.htm
4. EPA Region 9, Preliminary Remediation Goals (PRGs), October 1, 2002.

IARC/USEPA Cancer Classifications:

Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Toxicity Criteria Database and May 2002 California Cancer Potency Values, http://www.oehha.ca.gov/risk/chemicalDB/index.asp
Cal-EPA OEHHA, Air Toxics Hot Spots Program Risk Assessment Guidelines, Part II Technical Support Document for Describing Available Cancer Potency Factors, April 1999.
USEPA National Center for Environmental Assessment, Integrated Risk Information System (IRIS), www.epa.gov/ngispgm3/iris/index.html
International Agency for Research on Cancer (IARC), IARC Monographs on the Evaluation of Carcinogenic Risk to Humans and their Supplements: A Complete List, www.iarc.fr/
U.S. National Library of Medicine Hazardous Substance Data Bank (HSDB), http://www.nlm.nih.gov/pubs/factsheets/hsdbfs.html

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TABLE B-2

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - CANCER

Italics = Either toxity values or physical parameter information is not readily available, or IARC cancer group is 3 and/or USEPA cancer group is C or D (i.e., insufficient toxicological data for assessment of cancer in humans).

nc = not classified

Carcinogenic Classifications:

IARC

Group 1: Carcinogenic to humans (sufficient evidence of carcinogenity in humans)
Group 2A: Probably carcinogenic to humans (limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenity in experimental animals)
Group 2B: Possibly carcinogenic to humans (limited evidence in humans in the absense of sufficient evidence in experimental animals, or inadequate evidence of carcinogenicity in humans or when human data are nonexistent but there is sufficient evidence of carcinogenicity in experimental animals)
Group 3: Not classifiable as to its carcinogenicity to humans
Group 4: Probably not carcinogenic to humans (evidence suggesting lack of carcinogenicity in humans together with evidence suggesting lack of carcinogenicity in experimental animals)

USEPA

Group A: Human carcinogen
Group B1: Probable human carcinogen (limited evidence of human carcinogenicity based on epidemiologic studies and sufficient evidence of carcinogenicity based on animals studies)
Group B2: Probable human carcinogen (inadequate or no data for human carcinogenicity and sufficient evidence from animals studies)
Group C: Possible human carcinogen (limited evidence of carcinogenicity in animals in the absence of human data)
Group D: Not classifiable as to human carcinogenicity (inadequate human and animal evidence of carcinogenicity or no data are available)
Group E: Evidence of noncarcinogenicity for humans

* EPA Industrial PRG is the California-modified PRG presented in the 2002 EPA Region 9 PRG List

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TABLE B-3

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - NONCANCER

CAS No.		EPA Residential - noncancer PRGs (mg/kg)					EPA Chronic RfDi (inh)	EPA Chronic RfDo (oral)	EPA Chronic RfDo (dermal)	CA Chronic RfDi (inh)		CA Chronic RfDo (oral)		CA Chronic RfDo (dermal)		CA-adjusted Residential		
		inh	ingest	dermal	combined	Revised to add dermal pathway	(mg/kg-day)	(mg/kg-day)	(mg/kg-day)	(mg/kg-day)	Ref.	(mg/kg-day)	Ref.	(mg/kg-day)	Ref.	PRG - nc	PRG - nc (w Dermal)	% Change
Volatile Organic Compounds (VDCs)																		
75-34-3	1,1-Dichloroethane	5.4E+02	7.8E+03	2.3E+04	5.1E+02	4.9E+02	1.4E-01	1.0E-01	1.0E-01	1.4E-01	a	1.0E-01	a	1.0E-01	a	5.0E+02	4.85E+02	-2%
630-20-6	1,1,1,2-Tetrachloroethane	6.6E+02	2.3E+03	7.0E+03	5.2E+02	4.8E+02	3.0E-02	3.0E-02	3.0E-02	3.0E-02	a	3.0E-02	a	3.0E-02	a	5.2E+02	4.80E+02	-7%
71-55-6	1,1,1-Trichloroethane	2.2E+03	2.2E+04	6.6E+04	2.0E+03	1.9E+03	6.3E-01	2.8E-01	2.8E-01	2.86E-01	b,c,d	2.8E-01	a	2.8E-01	a	9.5E+02	9.41E+02	-1%
79-00-5	1,1,2-TCA	4.1E+01	3.1E+02	9.3E+02	3.6E+01	3.5E+01	4.0E-03	4.0E-03	4.0E-03	4.0E-03	a	4.0E-03	a	4.0E-03	a	3.6E+01	3.49E+01	-4%
76-13-1	1,1,2-Trichlorotrifluoroethane	2.1E+04	2.3E+06	6.9E+06	2.1E+04	2.1E+04	8.6E+00	3.0E+01	3.0E+01	2.0E-01	c	3.0E+01	a	3.0E+01	a	4.9E+02	4.88E+02	0%
75-35-4	1,1-Dichloroethylene	1.3E+02	3.9E+03	1.2E+04	1.2E+02	1.2E+02	5.7E-02	5.0E-02	5.0E-02	2.0E-02	c,d	5.0E-02	a	5.0E-02	a	4.4E+01	4.39E+01	0%
95-50-1	1,2-Dichlorobenzene	1.3E+03	7.0E+03	2.1E+04	1.1E+03	1.0E+03	5.7E-02	9.0E-02	9.0E-02	5.7E-02	a	9.0E-02	a	9.0E-02	a	1.1E+03	1.04E+03	-5%
96-18-4	1,2,3-Trichloropropane	3.3E+00	4.7E+02	1.4E+03	3.3E+00	3.3E+00	1.4E-03	6.0E-03	6.0E-03	1.4E-03	a	6.00E-03	a	6.00E-03	a	3.3E+00	3.27E+00	0%
3405-32-1	1,2,3,4-Tetrachlorobutane	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
87-61-6	1,2,3-Trichlorobenzene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
95-63-6	1,2,4-Trimethylbenzene	5.2E+01	3.9E+03	1.2E+04	5.2E+01	5.1E+01	1.7E-03	5.0E-02	5.0E-02	1.7E-03	a	5.0E-02	a	5.0E-02	a	5.2E+01	5.14E+01	0%
120-82-1	1,2,4-Trichlorobenzene	3.8E+03	7.8E+02	2.3E+03	6.5E+02	5.1E+02	5.7E-02	1.0E-02	1.0E-02	5.7E-02	a	1.0E-02	a	1.0E-02	a	6.5E+02	5.07E+02	-28%
107-06-2	1,2-Dichloroethane	8.6E+00	2.3E+03	7.0E+03	8.5E+00	8.5E+00	1.4E-03	3.0E-02	3.0E-02	1.14E-01	c,d	3.0E-02	a	3.0E-02	a	5.4E+02	5.01E+02	-8%
108-67-8	1,3,5-Trimethylbenzene	2.1E+01	3.9E+03	1.2E+04	2.1E+01	2.1E+01	1.7E-03	5.0E-02	5.0E-02	1.7E-03	a	5.0E-02	a	5.0E-02	a	2.1E+01	2.09E+01	0%
541-73-1	1,3-Dichlorobenzene	2.1E+01	7.0E+01	2.1E+02	1.6E+01	1.5E+01	9.0E-04	9.0E-04	9.0E-04	9.0E-04	a	9.0E-04	a	9.0E-04	a	1.6E+01	1.50E+01	-8%
106-46-7	1,4-Dichlorobenzene	6.1E+02	2.3E+03	6.9E+03	4.8E+02	4.5E+02	3.0E-02	3.0E-02	3.0E-02	2.29E-01	b,d	3.0E-02	a	3.0E-02	a	1.5E+03	1.26E+03	-22%
71-36-3	1-Butanol	5.4E+06	7.8E+03	2.8E+04	6.1E+03	6.1E+03	2.6E-03	1.0E-01	1.0E-01	2.6E-03	a	1.0E-01	a	1.0E-01	a	7.8E+03	6.09E+03	-28%
78-87-5	2,2-Dichloropropane (surrogate=1,2-dichloropropane)	6.4E+00	8.6E+01	2.6E+02	6.0E+00	5.8E+00	1.1E-03	1.1E-03	1.1E-03	1.1E-03	a	1.1E-03	a	1.1E-03	a	6.0E+00	5.82E+00	-2%
95-49-8	2-Chlorotoluene	1.8E+02	1.6E+03	4.8E+03	1.6E+02	1.6E+02	2.0E-02	2.0E-02	2.0E-02	2.0E-02	a	2.0E-02	a	2.0E-02	a	1.6E+02	1.57E+02	-3%
99-87-6	4-Isopropyltoluene (surrogate=isopropyl-benzene)	6.2E+02	7.8E+03	2.3E+04	5.7E+02	5.6E+02	1.1E-01	1.0E-01	1.0E-01	1.1E-01	a	1.0E-01	a	1.0E-01	a	5.7E+02	5.61E+02	-2%
108-10-1	4-Methyl-2-pentanone	9.0E+02	6.3E+03	1.9E+04	7.9E+02	7.6E+02	2.3E-02	8.0E-02	8.0E-02	2.3E-02	a	8.0E-02	a	8.0E-02	a	7.9E+02	7.56E+02	-4%
67-64-1	Acetone	2.0E+03	7.8E+03	2.3E+04	1.6E+03	1.5E+03	1.0E-01	1.0E-01	1.0E-01	1.0E-01	a	1.0E-01	a	1.0E-01	a	1.6E+03	1.49E+03	-7%
107-02-8	Acrolein	1.0E-01	1.6E+03	4.8E+03	1.0E-01	1.0E-01	5.7E-06	2.0E-02	2.0E-02	1.71E-05	b,c,d	2.0E-02	a	2.0E-02	a	3.0E-01	3.01E-01	0%
71-43-2	Benzene	7.3E+00	2.3E+02	6.9E+02	7.1E+00	7.00E+00	1.7E-03	3.0E-03	3.0E-03	1.71E-02	b,c,d	3.0E-03	a	3.0E-03	a	5.6E+01	5.16E+01	-8%
108-86-1	Bromobenzene	2.8E+01	1.6E+03	4.8E+03	2.8E+01	2.7E+01	2.9E-03	2.0E-02	2.0E-02	2.9E-03	a	2.0E-02	a	2.0E-02	a	2.8E+01	2.74E+01	-1%
74-97-5	Bromochloromethane (surrogate=methylene chloride)	3.3E+03	4.7E+03	1.4E+04	2.0E+03	1.7E+03	8.6E-01	6.00E-02	6.0E-02	1.14E-01	d	6.00E-02	a	6.00E-02	a	4.1E+02	3.96E+02	-3%
75-27-4	Bromodichloromethane	2.6E+02	1.6E+03	4.8E+03	2.2E+02	2.1E+02	2.0E-02	2.0E-02	2.0E-02	2.0E-02	a	2.0E-02	a	2.0E-02	a	2.2E+02	2.14E+02	-5%
593-60-2	Bromoethane	4.4E+00	6.7E+01	2.0E+02	4.1E+00	4.0E+00	8.6E-04	8.6E-04	8.6E-04	2.0E-03	c	8.6E-04	a	8.6E-04	a	8.9E+00	8.50E+00	-4%
75-25-2	Bromoform	4.1E+07	1.6E+03	5.6E+03	1.2E+03	1.2E+03	2.0E-02	2.0E-02	2.0E-02	2.0E-02	a	2.0E-02	a	2.0E-02	a	1.2E+03	1.24E+03	0%
74-83-9	Bromomethane	4.0E+00	1.1E+02	3.3E+02	3.9E+00	3.8E+00	1.4E-03	1.4E-03	1.4E-03	1.43E-03	c,d	1.43E-03	a	1.43E-03	a	3.9E+00	3.89E+00	-1%
75-15-0	Carbon disulfide	3.7E+02	7.8E+03	2.3E+04	3.6E+02	3.5E+02	2.0E-01	1.0E-01	1.0E-01	2.29E-01	c,d	1.0E-01	a	1.0E-01	a	4.0E+02	3.96E+02	-2%
56-23-5	Carbon tetrachloride	2.3E+00	5.5E+01	1.7E+02	2.2E+00	2.2E+00	7.0E-04	7.0E-04	7.0E-04	1.14E-02	b,c,d	7.0E-04	a	7.0E-04	a	2.2E+01	1.97E+01	-14%
108-90-7	Chlorobenzene	1.7E+02	1.6E+03	4.8E+03	1.5E+02	1.5E+02	1.7E-02	2.0E-02	2.0E-02	2.86E-01	b,c,d	2.0E-02	c	2.0E-02	c	1.0E+03	8.45E+02	-21%
75-00-3	Chloroethane	5.9E+03	3.1E+04	9.3E+04	5.0E+03	4.7E+03	2.9E+00	4.0E-01	4.0E-01	8.57E+00	b,c,d	4.0E-01	a	4.0E-01	a	1.1E+04	9.96E+03	-12%
67-66-3	Chloroform	3.6E+00	7.8E+02	2.3E+03	3.6E+00	3.6E+00	8.6E-04	1.0E-02	1.0E-02	8.57E-02	b,c,d	1.0E-02	a	1.0E-02	a	2.5E+02	2.22E+02	-11%
74-87-3	Chloromethane	na	na	na	na	na	8.6E-02	na	na	8.6E-02	a	na	a,b,c	na	a,b,c	na	na	na
156-59-2	cis-1,2-Dichloroethylene	4.5E+01	7.8E+02	2.3E+03	4.3E+01	4.2E+01	1.0E-02	1.0E-02	1.0E-02	1.0E-02	a	1.0E-02	a	1.0E-02	a	4.3E+01	4.18E+01	-2%
124-48-1	Dibromochloromethane	5.1E+02	1.6E+03	4.7E+03	3.8E+02	3.5E+02	2.0E-02	2.0E-02	2.0E-02	2.0E-02	a	2.0E-02	a	2.0E-02	a	3.8E+02	3.54E+02	-8%
75-71-8	Dichlorodifluoromethane	9.4E+01	1.6E+04	4.8E+04	9.4E+01	9.4E+01	5.7E-02	2.0E-01	2.0E-01	5.7E-02	a	2.0E-01	a	2.0E-01	a	9.4E+01	9.35E+01	0%
100-41-4	Ethylbenzene	2.4E+03	7.8E+03	2.3E+04	1.9E+03	1.7E+03	2.9E-01	1.0E-01	1.0E-01	5.71E-01	b,d	1.0E-01	a	1.0E-01	a	3.0E+03	2.64E+03	-13%
74-88-4	Iodomethane (surrogate=bromomethane)	4.0E+00	1.1E+02	3.3E+02	3.9E+00	3.8E+00	1.4E-03	1.4E-03	1.4E-03	1.43E-03	c,d	1.43E-03	a	1.43E-03	a	3.9E+00	3.89E+00	-1%
	Isopropyl alcohol (surrogate=1-butanol)	5.4E+06	7.8E+03	2.8E+04	6.1E+03	6.1E+03	2.6E-03	1.0E-01	1.0E-01	2.6E-03	a	1.0E-01	a	1.0E-01	a	7.8E+03	6.09E+03	-28%

TABLE B-3

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - NONCANCER

98-82-8	Isopropyl-benzene	6.2E+02	7.8E+03	2.3E+04	5.7E+02	5.6E+02	1.1E-01	1.0E-01	1.0E-01	1.1E-01	a	1.0E-01	a	1.0E-01	a	5.7E+02	5.61E+02	-2%
78-93-3	Methyl Ethyl Ketone	8.7E+03	4.7E+04	1.4E+05	7.3E+03	7.0E+03	2.9E-01	6.0E-01	6.0E-01	2.86E-01	a,c	6.0E-01	a	6.0E-01	a	7.2E+03	6.89E+03	-5%
75-09-2	Methylene Chloride	3.3E+03	4.7E+03	1.4E+04	2.0E+03	1.7E+03	8.6E-01	6.0E-02	6.0E-02	1.14E-01	b,c,d	6.0E-02	a	6.0E-02	a	4.1E+02	3.95E+02	-3%
1634-04-4	MTBE	6.3E+03	6.7E+04	2.0E+05	5.7E+03	5.6E+03	8.6E-01	8.6E-01	8.6E-01	2.29E+00	c,d	8.6E-01	a	8.6E-01	a	1.3E+04	1.25E+04	-7%
104-51-8	n-Butylbenzene	7.1E+02	3.1E+03	9.3E+03	5.8E+02	5.4E+02	4.0E-02	4.0E-02	4.0E-02	1.0E-02	b	4.0E-02	a	4.0E-02	a	1.7E+02	1.65E+02	-2%
103-65-1	n-Propylbenzene	7.1E+02	3.1E+03	9.3E+03	5.8E+02	5.4E+02	4.0E-02	4.0E-02	4.0E-02	4.0E-02	a	4.0E-02	a	4E-02	a	5.8E+02	5.44E+02	-6%
135-98-8	sec-Butylbenzene	5.2E+02	3.1E+03	9.3E+03	4.5E+02	4.2E+02	4.0E-02	4.0E-02	4.0E-02	1.0E-02	b	4.0E-02	a	4.0E-02	a	1.2E+02	1.23E+02	-1%
100-42-5	Styrene	6.1E+03	1.6E+04	4.8E+04	4.4E+03	4.0E+03	2.9E-01	2.0E-01	2.0E-01	2.57E-01	b,c,d	2.0E-01	a	2.0E-01	a	4.0E+03	3.73E+03	-8%
75-65-0	t-Butanol (surrogate=1-butanol)	5.4E+06	7.8E+03	2.8E+04	6.1E+03	6.1E+03	2.6E-03	1.0E-01	1.0E-01	2.6E-03	a	1.0E-01	a	1.0E-01	a	7.8E+03	6.09E+03	-28%
994-05-8	tert-amyl methyl ether	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
98-06-6	tert-butylbenzene	6.3E+02	3.1E+03	9.4E+03	5.3E+02	5.0E+02	4.0E-02	4.0E-02	4.0E-02	1.0E-02	b	4.0E-02	a	4.0E-02	a	1.5E+02	1.48E+02	-2%
127-18-4	Tetrachloroethylene	6.8E+02	7.8E+02	2.3E+03	3.6E+02	3.1E+02	1.7E-01	1.0E-02	1.0E-02	1.0E-02	c,d	1.0E-02	a	1.0E-02	a	3.8E+01	3.74E+01	-2%
109-99-9	Tetrahydrofuran	1.4E+03	1.6E+04	4.8E+04	1.3E+03	1.3E+03	8.6E-02	2.1E-01	2.1E-01	8.6E-02	a	2.1E-01	a	2.1E-01	a	1.3E+03	1.25E+03	-3%
108-88-3	Toluene	6.8E+02	1.6E+04	4.8E+04	6.5E+02	6.4E+02	1.1E-01	2.0E-01	2.0E-01	8.57E-02	b,c,d	2.0E-01	a	2.0E-01	a	5.1E+02	5.07E+02	-1%
156-60-5	trans-1,2-Dichloroethylene	7.3E+01	1.6E+03	4.7E+03	6.9E+01	6.8E+01	2.0E-02	2.0E-02	2.0E-02	2.0E-02	a	2.0E-02	a	2.0E-02	a	6.9E+01	6.85E+01	-1%
542-75-6	trans-1,3-Dichloropropene (surrogate=1,3-dichloropropene)	1.6E+01	2.3E+03	6.9E+03	1.6E+01	1.6E+01	5.7E-03	3.0E-02	3.0E-02	5.7E-03	a	3.0E-02	a	3.0E-02	a	1.6E+01	1.59E+01	0%
79-01-6	Trichloroethlyene	5.1E+01	2.3E+01	6.9E+01	1.6E+01	1.3E+01	1.0E-02	3.0E-04	3.0E-04	1.0E-02	a	3.0E-04	a	3.0E-04	a	1.6E+01	1.29E+01	-23%
75-69-4	Trichlorofluoromethane	3.9E+02	2.3E+04	7.0E+04	3.9E+02	3.8E+02	2.0E-01	3.0E-01	3.0E-01	2.0E-01	a,c	3.0E-01	a	3.0E-01	a	3.9E+02	3.83E+02	-1%
108-05-4	Vinyl acetate	4.3E+02	7.8E+04	2.3E+05	4.3E+02	4.3E+02	5.7E-02	1.0E+00	1.0E+00	5.7E-02	a,b,c,d	1.0E+00	a	1.0E+00	a	4.3E+02	4.27E+02	0%
75-01-4	Vinyl chloride	4.6E+01	2.3E+02	6.9E+02	3.9E+01	3.7E+01	2.86E-02	3.0E-03	3.0E-03	7.43E-03	c	3.0E-03	a	3.0E-03	a	1.1E+01	1.13E+01	-2%
1330-20-7	Xylenes	2.8E+02	5.5E+04	2.0E+05	2.7E+02	2.7E+02	2.9E-02	7.0E-01	7.0E-01	2.00E-01	c,d	7.0E-01	a	7.0E-01	a	1.8E+03	1.82E+03	0%
Semi-volatile Organic Compounds (SVOCs)																		
65-85-0	Benzoic acid	8.2E+09	3.1E+05	1.1E+06	2.4E+05	2.4E+05	4.0E+00	4.0E+00	4.0E+00	4.0E+00	a	4.0E+00	a	4.0E+00	a	2.4E+05	2.42E+05	0%
117-81-7	Bis(2-ethylhexyl)phthalate	4.5E+07	1.6E+03	5.6E+03	1.2E+03	1.2E+03	2.2E-02	2.0E-02	2.0E-02	2.0E-02	c	2.0E-02	a	2.0E-02	a	1.2E+03	1.24E+03	0%
85-68-7	Butyl benzyl phthalate	4.1E+08	1.6E+04	5.6E+04	1.2E+04	1.2E+04	2.0E-01	2.0E-01	2.0E-01	2.0E-01	a	2.0E-01	a	2.0E-01	a	1.2E+04	1.24E+04	0%
86-74-8	Carbazole	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
59-50-7	4-Chloro-3-methylphenol	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
132-64-9	Dibenzofuran	4.1E+03	3.1E+02	9.3E+02	2.9E+02	2.2E+02	4.0E-03	4.0E-03	4.0E-03	1.1E-08	d	4.0E-03	a	4.0E-03	a	1.2E-02	1.17E-02	0%
84-74-2	Di-n-butyl phthalate	2.1E+08	7.8E+03	2.8E+04	6.1E+03	6.1E+03	1.0E-01	1.0E-01	1.0E-01	1.0E-01	a	1.0E-01	a	1.0E-01	a	6.1E+03	6.10E+03	0%
84-66-2	Diethyl phthalate	1.6E+09	6.3E+04	2.2E+05	4.9E+04	4.9E+04	8E-01	8.0E-01	8.0E-01	8.0E-01	a	8.0E-01	a	8.0E-01	a	4.9E+04	4.90E+04	0%
123-91-1	1,4-Dioxane	na	na	na	na	na	na	na	na	8.6E-01	b,c,d	na	a,b,c	na	a,b,c	na	na	na
118-74-1	Hexachlorobenzene	1.6E+06	6.3E+01	2.2E+02	4.9E+01	4.9E+01	8.0E-04	8.0E-04	8.0E-04	8.0E-04	c	8.0E-04	a	8.0E-04	a	4.9E+01	4.90E+01	0%
87-68-3	Hexachlorobutadiene	6.2E+05	2.3E+01	8.4E+01	1.8E+01	1.8E+01	3.0E-04	3.0E-04	3.0E-04	3.0E-04	a	3.0E-04	a	3.0E-04	a	1.8E+01	1.81E+01	0%
98-95-3	Nitrobenzene	3.9E+01	3.9E+01	1.2E+02	2.0E+01	1.7E+01	5.7E-04	5.0E-04	5.0E-04	4.86E-04	c	5.0E-04	a	5.0E-04	a	1.8E+01	1.56E+01	-15%
594-72-9	1-Nitro-1,1-dichloroethane	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
108-95-2	Phenol	1.2E+09	4.7E+04	1.7E+05	3.7E+04	3.7E+04	6.0E-01	6.0E-01	6.0E-01	5.7E-02	b,c,d	6.0E-01	a	6.0E-01	a	3.7E+04	3.68E+04	0%
110-86-1	Pyridine	2.1E+06	7.8E+01	2.8E+02	6.1E+01	6.1E+01	1.0E-03	1.0E-03	1.0E-03	1.0E-03	a	1.0E-03	a	1.0E-03	a	6.1E+01	6.10E+01	0%
Pesticides																		
72-54-8	4,4'-DDD	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
72-55-9	4,4'-DDE	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
50-29-3	4,4'-DDT	1.0E+06	3.9E+01	4.7E+02	3.6E+01	3.6E+01	5.0E-04	5.0E-04	5.0E-04	5.0E-04	a	5.0E-04	a	5.0E-04	a	3.6E+01	3.60E+01	0%
60-57-1	Dieldrin	1.0E+05	3.9E+00	1.4E+01	3.1E+00	3.1E+00	5.0E-05	5.0E-05	5.0E-05	5.0E-05	a	5.0E-05	a	5.0E-05	a	3.1E+00	3.05E+00	0%
72-20-8	Endrin	6.2E+05	2.3E+01	8.4E+01	1.8E+01	1.8E+01	3.0E-04	3.0E-04	3.0E-04	3.0E-04	a	3.0E-04	a	3.0E-04	a	1.8E+01	1.81E+01	0%
Polychlorinated Biphenyls (PCBs)																		
53469-21-9	Aroclor 1242	na	na	na	na	na	na	na	na	3.4E-04	c	2.0E-05	c	2.0E-05	c	na	na	na
12672-29-6	Aroclor 1248	na	na	na	na	na	na	na	na	3.4E-04	c	2.0E-05	c	2.0E-05	c	na	na	na
11097-69-1	Aroclor 1254	4.1E+04	1.6E+00	4.0E+00	1.1E+00	1.1E+00	2.0E-05	2.0E-05	2.0E-05	3.4E-04	c	2.0E-05	c	2.0E-05	c	1.1E+00	1.14E+00	0%
11096-82-5	Aroclor 1260	na	na	na	na	na	na	na	na	3.4E-04	c	2.0E-05	c	2.0E-05	c	na	na	na

TABLE B-3

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - NONCANCER

Polynuclear Aromatic Hydrocarbons																	
83-32-9	Acenaphthene	1.7E+04	4.7E+03	1.4E+04	3.7E+03	2.9E+03	6.0E-02	6.0E-02	6.0E-02	6.0E-02	a	6.0E-02	a	6.0E-02	a	3.7E+03	2.92E+03	-26%
208-96-8	Acenaphthylene (surrogate=pyrene)	1.8E+05	2.3E+03	6.9E+03	2.3E+03	1.7E+03	3.0E-02	3.0E-02	3.0E-02	3.0E-02	a	3.0E-02	a	3.0E-02	a	2.3E+03	1.71E+03	-33%
120-12-7	Anthracene	3.3E+05	2.3E+04	6.9E+04	2.2E+04	1.6E+04	3E-01	3.0E-01	3.0E-01	3.0E-01	a	3.0E-01	a	3.0E-01	a	2.2E+04	1.64E+04	-31%
56-55-3	Benzo(a)anthracene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
205-99-2	Benzo(b)fluoranthene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
207-08-9	Benzo(k)fluoranthene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
191-24-2	Benzo(g,h,i)perylene	1.8E+05	2.3E+03	6.9E+03	2.3E+03	1.7E+03	3.0E-02	3.0E-02	3.0E-02	3.0E-02	a	3.0E-02	a	3.0E-02	a	2.3E+03	1.71E+03	-33%
50-32-8	Benzo(a)pyrene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
218-01-9	Chrysene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
53-70-3	Dibenzo(a,h)anthracene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
206-44-0	Fluoranthene	8.2E+07	3.1E+03	8.6E+03	2.3E+03	2.3E+03	4.0E-02	4.0E-02	4.0E-02	4.0E-02	a	4.0E-02	a	4.0E-02	a	2.3E+03	2.28E+03	0%
86-73-7	Fluorene	2.3E+04	3.1E+03	9.3E+03	2.7E+03	2.1E+03	4.0E-02	4.0E-02	4.0E-02	4.0E-02	a	4.0E-02	a	4.0E-02	a	2.7E+03	2.11E+03	-29%
193-39-5	Indeno(1,2,3-cd)pyrene	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
91-57-6	2-Methylnaphthalene (surrogate = pyrene)	1.8E+05	2.3E+03	6.9E+03	2.3E+03	1.7E+03	3.0E-02	3.0E-02	3.0E-02	3.0E-02	a	3.0E-02	a	3.0E-02	a	2.3E+03	1.71E+03	-33%
91-20-3	Naphthalene	5.8E+01	1.6E+03	4.8E+03	5.6E+01	5.5E+01	9E-04	2.0E-02	2.0E-02	2.57E-03	b,c,d	2.0E-02	a	2.0E-02	a	1.6E+02	1.52E+02	-3%
85-01-8	Phenanthrene (surrogate=pyrene)	1.8E+05	2.3E+03	6.9E+03	2.3E+03	1.7E+03	3.0E-02	3.0E-02	3.0E-02	3.0E-02	a	3.0E-02	a	3.0E-02	a	2.3E+03	1.71E+03	-33%
129-00-0	Pyrene	1.8E+05	2.3E+03	6.9E+03	2.3E+03	1.7E+03	3.0E-02	3.0E-02	3.0E-02	3.0E-02	a	3.0E-02	a	3.0E-02	a	2.3E+03	1.71E+03	-33%
Metals																	
7429-90-5	Aluminum	2.9E+06	7.8E+04	2.3E+05	7.6E+04	5.7E+04	1.4E-03	1.0E+00	1.0E+00	1.4E-03	a	1.0E+00	a	1.0E+00	a	7.6E+04	5.73E+04	-32%
7440-36-0	Antimony	na	3.1E+01	na	3.1E+01	3.1E+01	na	4.0E-04	na	5.71E-05	c	4.0E-04	a	4.0E-04	a	3.1E+01	3.10E+01	0%
7440-38-2	Arsenic	na	2.3E+01	2.8E+02	2.2E+01	2.2E+01	na	3.0E-04	3.0E-04	8.57E-06	d	3.0E-04	a,c	3.0E-04	a,c	2.3E+01	2.35E+01	0%
7440-39-3	Barium	2.9E+05	5.5E+03	1.6E+04	5.4E+03	4.0E+03	1.4E-04	7.0E-02	7.00E-02	1.4E-04	a	7.0E-02	a	7.0E-02	a	5.4E+03	4.05E+03	-33%
7440-41-7	Beryllium	1.2E+04	1.6E+02	4.7E+02	1.5E+02	1.2E+02	5.7E-06	2.0E-03	2.00E-03	2.0E-06	c,d	2.0E-03	a,c	2.0E-03	a,c	1.5E+02	1.14E+02	-32%
7440-43-9	Cadmium	na	3.9E+01	7.0E+02	3.7E+01	3.7E+01	na	5.0E-04	5.0E-04	5.71E-06	c,d	5.0E-04	c	5.0E-04	c	3.9E+01	3.90E+01	0%
16065-83-1	Chromium (trivalent)	na	1.2E+05	na	1.2E+05	1.2E+05	na	1.5E+00	na	na	a,b,c	1.5E+00	a	1.5E+00	a	1.2E+05	1.20E+05	0%
18540-29-9	Chromium (hexavalent)	4.5E+03	2.3E+02	7.0E+02	2.2E+02	1.7E+02	2.2E-06	3.0E-03	3.00E-03	5.71E-05	d	5.0E-03	c	5.0E-03	c	3.9E+02	2.93E+02	-33%
7440-48-4	Cobalt	1.2E+04	1.6E+03	4.7E+03	1.4E+03	1.1E+03	5.7E-06	2.0E-02	2.00E-02	5.7E-06	a,b,c	2.0E-02	a	2.0E-02	a	1.4E+03	1.07E+03	-29%
7440-50-8	Copper	na	3.1E+03	na	3.1E+03	3.1E+03	na	4.0E-02	na	6.86E-04	c	4.0E-02	a	4.0E-02	a	3.1E+03	3.10E+03	0%
7439-92-1	Lead	na	na	na	na	na	na	na	na	na	a,b,c	na	a,b,c	na	a,b,c	na	na	na
7487-94-7	Mercury	na	2.3E+01	na	2.3E+01	2.3E+01	na	1.0E-04	na	2.57E-05	c,d	3.0E-04	c	3.0E-04	c	6.9E+01	6.90E+01	0%
7439-98-7	Molybdenum	na	3.9E+02	na	3.9E+02	3.9E+02	na	5.0E-03	na	na	a,b,c	5.0E-03	a	5.0E-03	a	3.9E+02	3.90E+02	0%
7440-02-0	Nickel (soluble salts)	na	1.6E+03	na	1.6E+03	1.6E+03	na	2.0E-02	na	1.43E-05	c,d	5.0E-02	c	5.0E-02	c	4.0E+03	4.00E+03	0%
7782-49-2	Selenium	na	3.9E+02	na	3.9E+02	3.9E+02	na	5.0E-03	na	5.71E-03	c	5.0E-03	a	5.0E-03	a	3.9E+02	3.90E+02	0%
7440-22-4	Silver	na	3.9E+02	na	3.9E+02	3.9E+02	na	5.0E-03	na	na	a,b,c	5.0E-03	a	5.0E-03	a	3.9E+02	3.90E+02	0%
7446-18-6	Thallium	na	5.2E+00	na	5.2E+00	5.2E+00	na	6.6E-05	na	na	a,b,c	6.6E-05	a	6.6E-05	a	5.2E+00	5.20E+00	0%
7440-62-2	Vanadium	na	5.5E+02	na	5.5E+02	5.5E+02	na	7.0E-03	na	na	a,b,c	7.0E-03	a	7.0E-03	a	5.5E+02	5.50E+02	0%
7440-66-6	Zinc	na	2.3E+04	na	2.3E+04	2.3E+04	na	3.0E-01	na	1.0E-02	c	3.0E-01	a	3.0E-01	a	2.3E+04	2.30E+04	0%
Other Inorganics																	
74-90-8	Cyanide (as hydrogen cyanide)	1.10E+01	1.60E+03	na	1.1E+01	1.1E+01	8.6E-04	2.0E-02	na	2.57E-03	b,c,d	2.0E-02	a	2.0E-02	a	3.2E+01	3.22E+01	0%

California-adjusted noncancer PRG = 1 / ((1 / (EPA inhalation noncancer PRG / EPA RfDi x CA RfDi))+ (1 / (EPA ingestion noncancer PRG / EPA RfDo x CA RfDo)) + (1 / (EPA dermal noncancer PRG / EPA RfDo x CA RfDo))))

References:

a EPA Region 9, Preliminary Remediation Goals (PRGs), October 1, 2002.

b Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Toxicity Criteria Database and May 2002 California Cancer Potency Values, http://www.oehha.ca.gov/risk/chemicalDB/index.asp

c Cal-EPA, Air Resources Board (ARB), Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values, March 4, 2002, http://www.arb.ca.gov/ab2588/riskassess.htm

d Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Chronic Reference Exposure Levels (RELs) for Airborne Toxicants, December 2001, http://www.oehha.org/air/chronic_rels/AllChrels.html

TABLE B-3

DERIVATION OF CALIFORNIA-ADJUSTED PRELIMINARY REMEDIATION GOALS (PRGS) - NONCANCER

Toxicity Value Reference Priority:

1. Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Toxicity Criteria Database and May 2002 California Cancer Potency Values, http://www.oehha/ca.gov/risk/chemicalDB/index.asp
2. Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA), Chronic Reference Exposure Levels (RELs) for Airborne Toxicants, December 2001, http://www.oehha.org/air/chronic_rels/AllChrels.htm
3. Cal-EPA, Air Resources Board (ARB), Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values, March 4, 2002, http://www.arb.ca.gov/ab2588/riskassess.htm
4. EPA Region 9, Preliminary Remediation Goals (PRGs), October 1, 2002.

BOE-C6-0009816