May 3, 1991

19459,001.02

Gerber Products Company
445 State Street
Fremont, Michigan 49412

Attention: Mr. John A. Pelehach

Gentlemen:

**Soil Boring Program**
**Former Gerber Products Company Facility**
**Oakland, California**

This report presents the results of Harding Lawson Associates' (HLA) soil boring program conducted at the former Gerber Products Company (Gerber) facility located at the northwest corner of San Leandro Street and 98th Avenue in Oakland, California. The purpose of the soil boring program was to evaluate the potential presence of halogenated volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and petroleum constituents in the unsaturated zone at selected locations of the facility once occupied by a Shell Oil Company service station (Plate 1). This area is an approximately one-third acre parcel most recently used for light industrial operations by Appling and Son Recycling.

## BACKGROUND

Previous site investigations at the former Gerber facility indicate the presence of TPH and petroleum constituents in soil samples collected from the area of a former Chevron service station and in groundwater samples collected from onsite Monitoring Wells MW-2, MW-5, MW-6, and MW-8 (Plate 1). In addition, the halogenated VOCs 1,1-dichloroethane (DCA), 1,1-dichloroethene (DCE), and 1,1,1-trichloroethane (TCA) were detected in groundwater samples collected from onsite Monitoring Wells MW-1 and MW-7. A detailed characterization of the former Gerber site, other onsite soil and groundwater investigations, and regional groundwater conditions have previously been described in HLA's *Phase III Site Investigation Addendum, Former Gerber Products Facility, Oakland, California (1990).*

## FIELD INVESTIGATION

HLA's soil boring program was conducted on January 17, 1991. The scope of our services included obtaining the necessary boring permits from the Alameda County Flood Control and Water Conservation District, making arrangements to obtain site access, locating underground utilities in the vicinity of our drilling operations, and drilling six soil borings and collecting soil samples from them for chemical analysis.

### Soil Boring Program

Six soil borings (SB-1 through SB-6) were drilled at the locations shown on Plate 2 to assess the potential presence of the VOCs previously identified in groundwater samples from Monitoring Wells MW-1 and MW-7 and/or the presence of TPH and petroleum constituents in soil of the vadose zone in the vicinity of the former Shell service station. On the basis of a site plan of the Shell service station, the borings were drilled in areas where underground fuel storage tanks, pump islands, used tire storage, and a drainage gutter once existed.

The soil borings were drilled using truck-mounted solid flight auger drilling equipment. An HLA geologist was present during drilling operations to coordinate activities, perform health and safety monitoring, collect soil samples, and record subsurface conditions. The soil samples from each boring were classified according to the Unified Soil Classification System (USCS). The lithologic logs of the soil borings and a key to the USCS are presented in Appendix A.

Undisturbed soil samples were collected from each boring at depths of approximately 3, 5, 10, and 15 feet below ground surface (bgs) by advancing a 2.5-inch-diameter modified California split-barrel sampler ahead of the augering equipment. The sampler was lined with stainless steel tubes in which the samples were retained. To prevent potential cross-contamination, all downhole equipment was steam cleaned before each boring and before the collection of each soil sample.

An organic vapor analyzer was used to screen soil samples for the presence of VOCs. Samples were also checked for other evidence of contamination, such as discoloration, petroleum and chemical odors, and the presence of liquid phase chemicals. Following sample collection and field screening, all soil sample tubes were sealed with Teflon tape-lined plastic end caps. Three soil samples from each boring were selected for chemical analysis and stored on blue ice until delivery to NET Pacific, Inc. (NET), Santa Rosa, California. Chain of custody records were initiated in the field and accompanied the samples to NET.

Following completion of the soil boring program, each borehole was backfilled with a bentonite-cement slurry seal to the pavement surface. Soil cuttings and steam cleaning water generated during the drilling process were placed in 55-gallon drums that will be stored onsite until arrangements with Gerber are made for their disposal.

**Analytical Program**

Soil samples submitted to NET for chemical analysis were analyzed for halogenated volatile organic compounds using EPA Test Method 8010, for TPH calibrated as gasoline using EPA Test Method 8015 (modified) and for the petroleum constituents benzene, ethylbenzene, toluene and xylenes (BTEX) using EPA Test Method 8020. NET is a California state-certified laboratory authorized to perform the analyses requested.

## RESULTS OF FIELD INVESTIGATION

**Soil Conditions**

Lithologic data obtained during drilling at the site reveal a general sequence of medium stiff to stiff sandy clay underlain by clay, which in turn is underlain by clayey sand with gravel (Appendix A). The completion depth of each soil boring was 15.5 feet. In general the soil became wet to saturated below approximately 15 feet.

**Chemical Results of Soil Samples**

The laboratory analytical reports of soil samples submitted for chemical analysis are presented in Appendix B, and Table 1 summarizes the results. On the basis of the analyses performed, only samples from Soil Borings SB-2 and SB-3 contained detectable concentrations of TPH and BTEX constituents. Analytical results of the samples from SB-1 and SB-4 through SB-6 were nondetectable. No VOCs were detected in any of the soil samples.

Soil samples from SB-2 collected at 3 and 10 feet bgs contained trace concentrations of toluene at 4.1 and 4.4 micrograms per kilogram (ug/kg), respectively; nondetectable concentrations of all chemicals were reported for the 15-foot sample. The soil samples collected from SB-3 at 6 and 10 feet bgs contained detectable concentrations of toluene, xylenes and TPH; the sample from 10 feet bgs also contained 32 ug/kg benzene and 120 ug/kg ethylbenzene. Nondetectable concentrations of all chemicals were reported for the sample collected from SB-3 at 15 feet.

## DISCUSSION OF CHEMICAL RESULTS

Chemical results of the soil samples indicate that elevated concentrations of chemicals were detected only in Boring SB-3. The chemical results indicate the type of contamination present is related to a petroleum hydrocarbon product calibrated as gasoline and includes the constituents BTEX. The trace levels of toluene detected in the soil samples from SB-2 are not significant and may indicate laboratory or field contamination or the presence of minor petroleum contamination. [redacted] ie cl-HCs [redacted]

Boring SB-3 was drilled where a pump island is reported to have been present (Plate 2). The distribution of TPH and BTEX constituents detected in soil samples from this boring suggests the primary zone of contamination is between 6 and 15 feet bgs. On the basis of this information, it seems likely that a leak or release resulting from the former pump island, an underground fuel storage tank, or a fuel conveyance line(s) is responsible for the occurrence of the soil contamination detected.

(B-3)

The concentrations of the TPH and BTEX constituents detected in the soil samples collected from the specific boring locations of this investigation do not appear to represent a significant potential to impact groundwater quality conditions beneath the site. Also, the TPH and BTEX concentrations do not appear to represent any significant potential for direct contact, ingestion, or fugitive emissions due to the low concentrations and the depth of their occurrence. [redacted] soil samples may suggest that the location of the source responsible for the presence of DCA, DCE, and TCA in groundwater samples previously collected from Monitoring Wells MW-1 and MW-7 (*HLA, 1990*) is offsite.

HLA trusts this is the information you require at the present time. If you have any questions or comments regarding this report, please call us.

Yours very truly,

HARDING LAWSON ASSOCIATES

Nicholas C. Pogoncheff
Associate Hydrogeologist

Gary A. Lieberman
Staff Geologist

NCP\GAL:lan/LAN16515-N

## REFERENCE CITED

Harding Lawson Associates (HLA), 1990. *Phase III Site Investigation Addendum, Former Gerber Products Facility, Oakland, California.* February.

## ATTACHMENTS

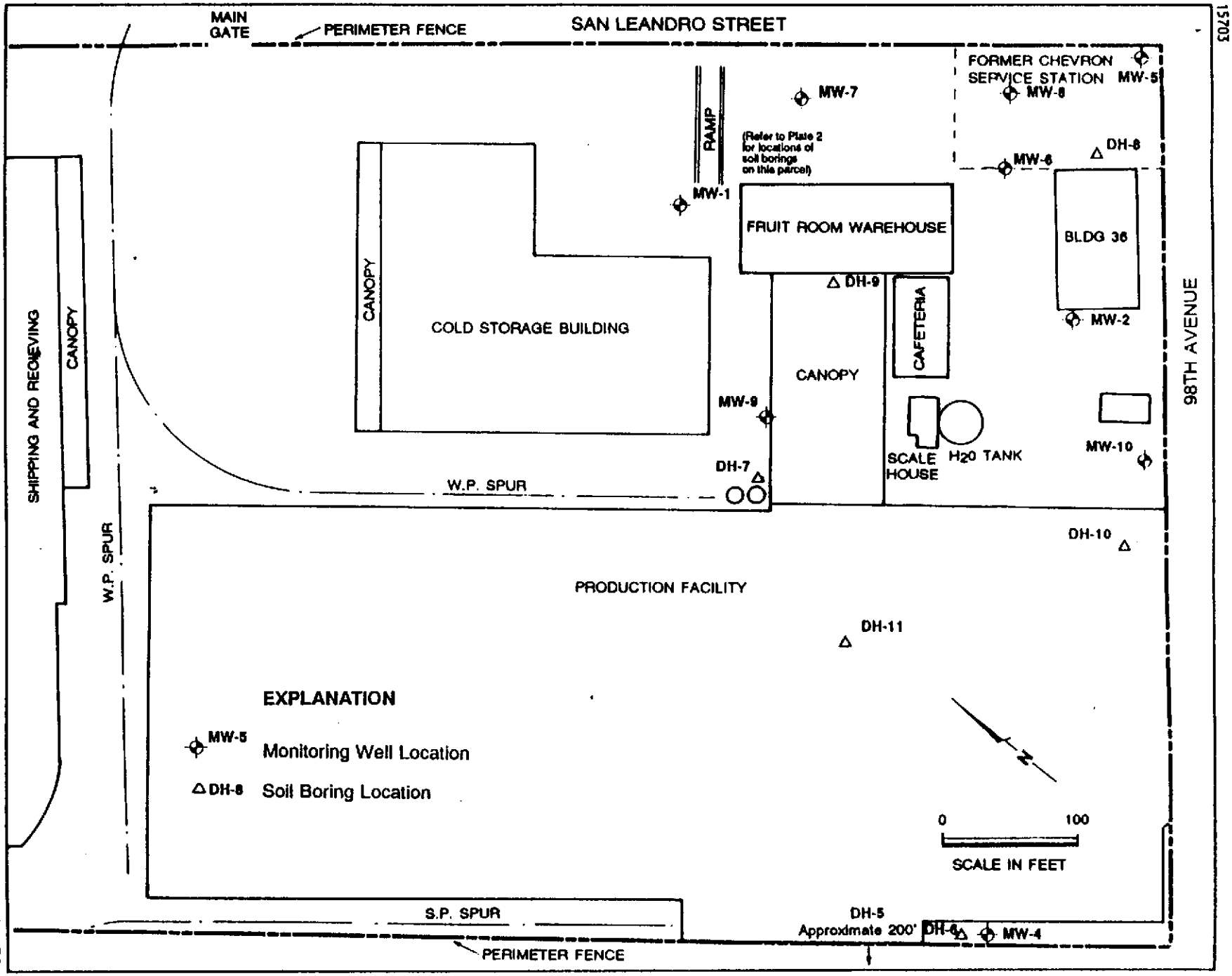
Table 1 - Chemical Results of Soil Samples
Plate 1 - Site Plan
Plate 2 - Soil Boring Locations
Appendix A - Lithologic Logs of Soil Borings
Appendix B - Laboratory Analytical Reports of Soil Samples

**Table 1. Chemical Results of Soil Samples**
**Gerber Products**
**January 1991**

| Soil Boring | Sample Depth (feet) | Benzene (µg/kg) | Toluene (µg/kg) | Ethyl-benzene (µg/kg) | Total Xylenes (µg/kg) | TPH as Gasoline (mg/kg) | EPA Method 8010 (µg/kg) |
|---|---|---|---|---|---|---|---|
| SB-1 | 6.0 - 6.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 10.0 - 10.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 15.0 - 15.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| SB-2 | 3.0 - 3.5 | ND (2.5) | 4.1 | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 10.0 - 10.5 | ND (2.5) | 4.4 | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 15.0 - 15.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| SB-3 | 6.0 - 6.5 | ND (2.5) | 6.3 | ND (2.5) | 31 | 3.5 | ND |
| | 10.0 - 10.5 | 32 | 59 | 120 | 160 | 14 | ND |
| | 15.0 - 15.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| SB-4 | 6.0 - 6.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 10.0 - 10.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 15.0 - 15.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| SB-5 | 6.0 - 6.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 10.0 - 10.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 15.0 - 15.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| SB-6 | 6.0 - 6.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 10.0 - 10.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |
| | 15.0 - 15.5 | ND (2.5) | ND (2.5) | ND (2.5) | ND (2.5) | ND (1) | ND |

Note : No chemicals were detected using EPA Method 8010
µg/kg : Micrograms per kilogram
mg/kg : Milligrams per kilogram
TPH : Total petroleum hydrocarbons
ND : Not detected at reported concentration

# ILLUSTRATIONS



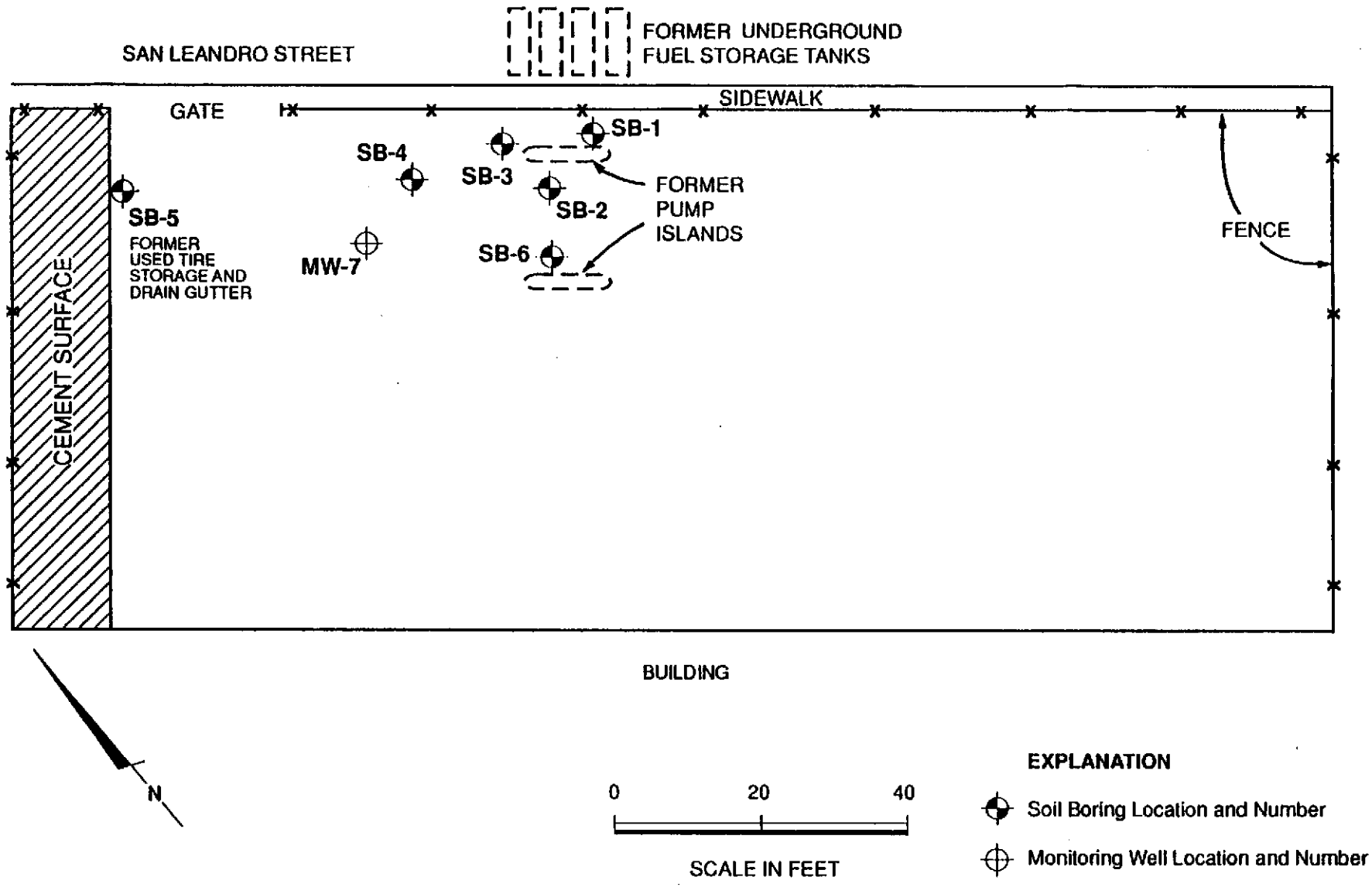

Harding Lawson Associates
Engineering and Environmental Services

Site Plan
Gerber Products Company
Oakland, California

| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| | 19459,001.02 | | 3/91 | |

PLATE

15703




**Herding Lawson Associates**
Engineering and Environmental Services

**Soil Boring Locations**
Gerber Products
Oakland, California

PLATE **2**

| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| ICc | 19459,001.02 | WCP | 3/91 | |

# Appendix A

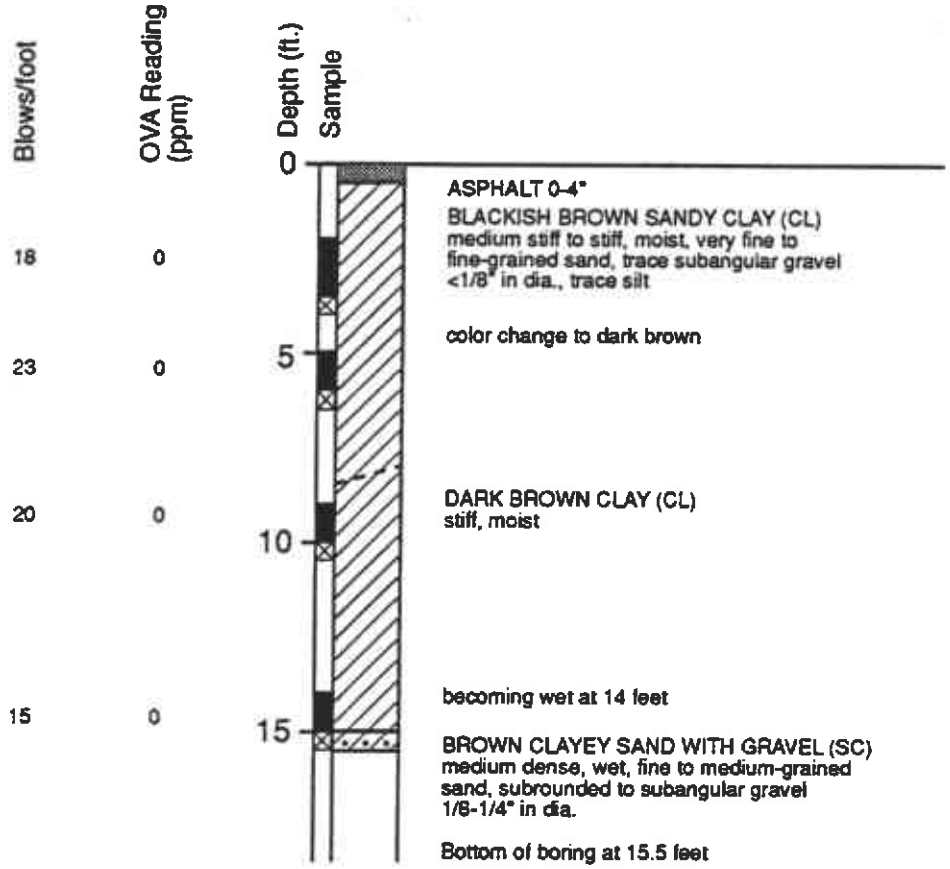
# LITHOLOGIC LOGS OF SOIL BORINGS

21381

**Log of Boring** SB-1

**Equipment** 4" Solid Flight Auger

**Date** 1/17/91




**Harding Lawson Associates**
Engineering and Environmental Services

**Log of Boring SB-1**
**Gerber Products**
Oakland, California

PLATE **A-1**

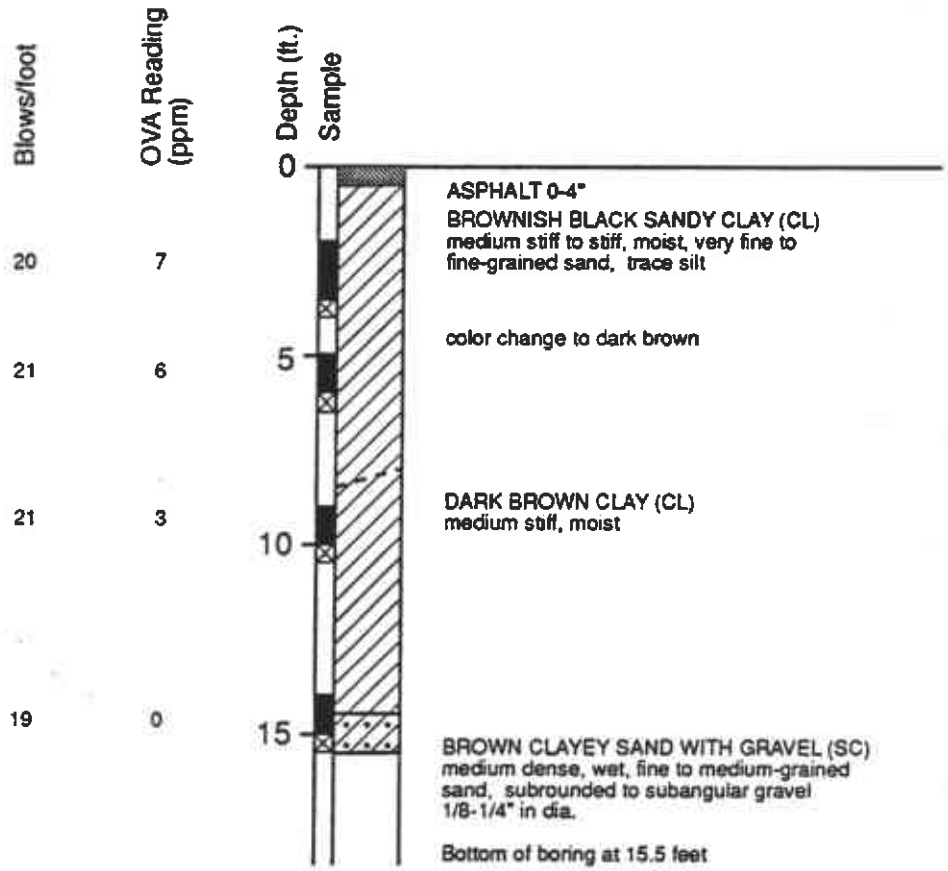
| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | PEP | 3/91 | |

21382

**Log of Boring** SB-2

Equipment 4" Solid Flight Auger

Date 1/17/91




**Harding Lawson Associates**
Engineering and Environmental Services

**Log of Boring SB-2**
Gerber Products
Oakland, California

PLATE
**A-2**

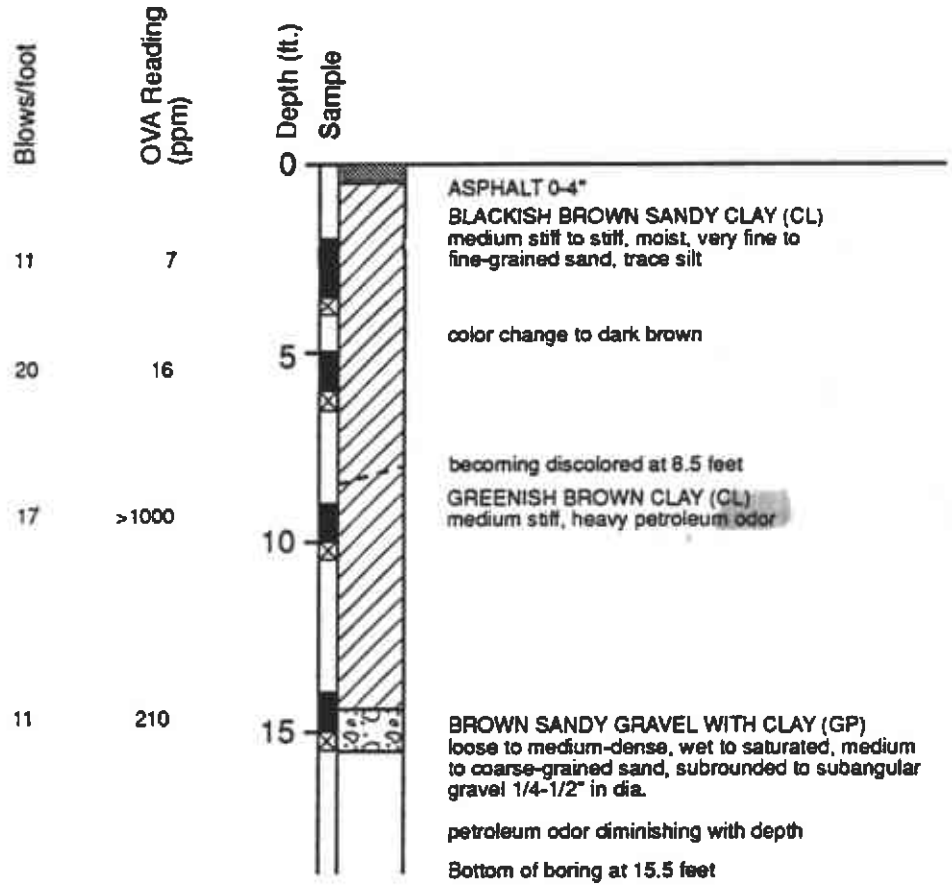
| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | JCP | 3/91 | |

21383

**Log of Boring** SB-3

Equipment 4" Solid Flight Auger

Date 1/17/91




**Harding Lawson Associates**
Engineering and Environmental Services

**Log of Boring SB-3**
Gerber Products
Oakland, California

PLATE
**A-3**

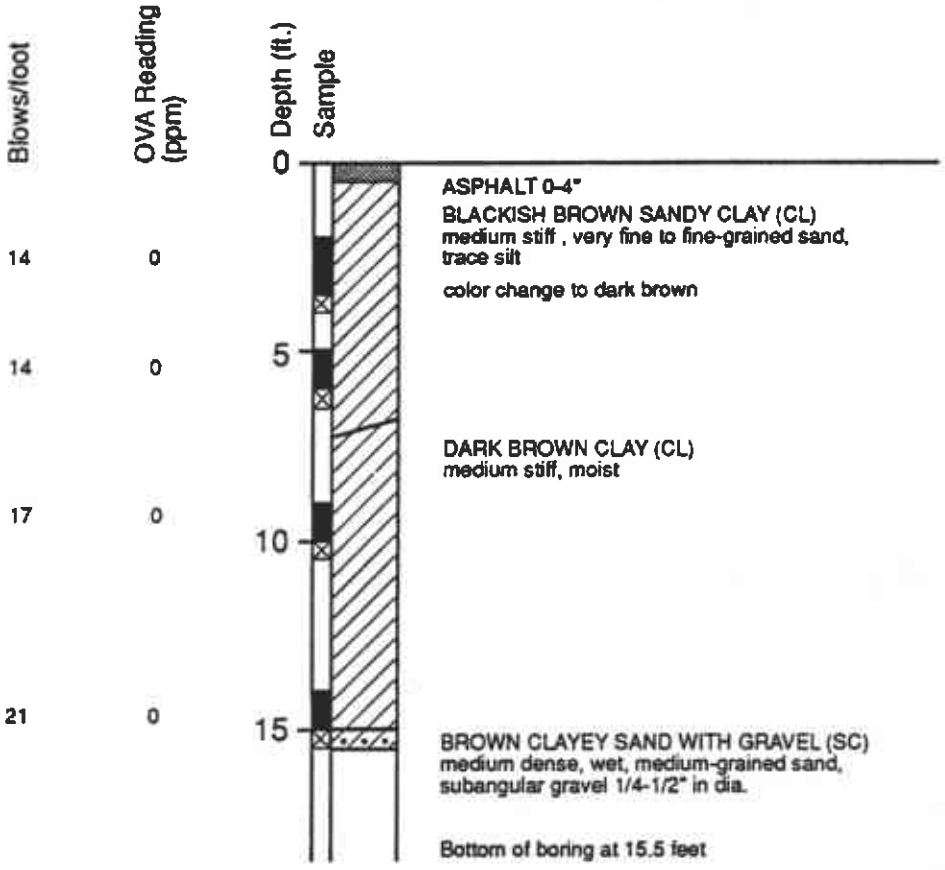
| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | ~ cg | 3/91 | |

21384

**Log of Boring** SB-4

Equipment 4" Solid Flight Auger

Date 1/17/91




**Harding Lawson Associates**
Engineering and Environmental Services

**Log of Boring SB-4**
Gerber Products
Oakland, California

PLATE
**A-4**

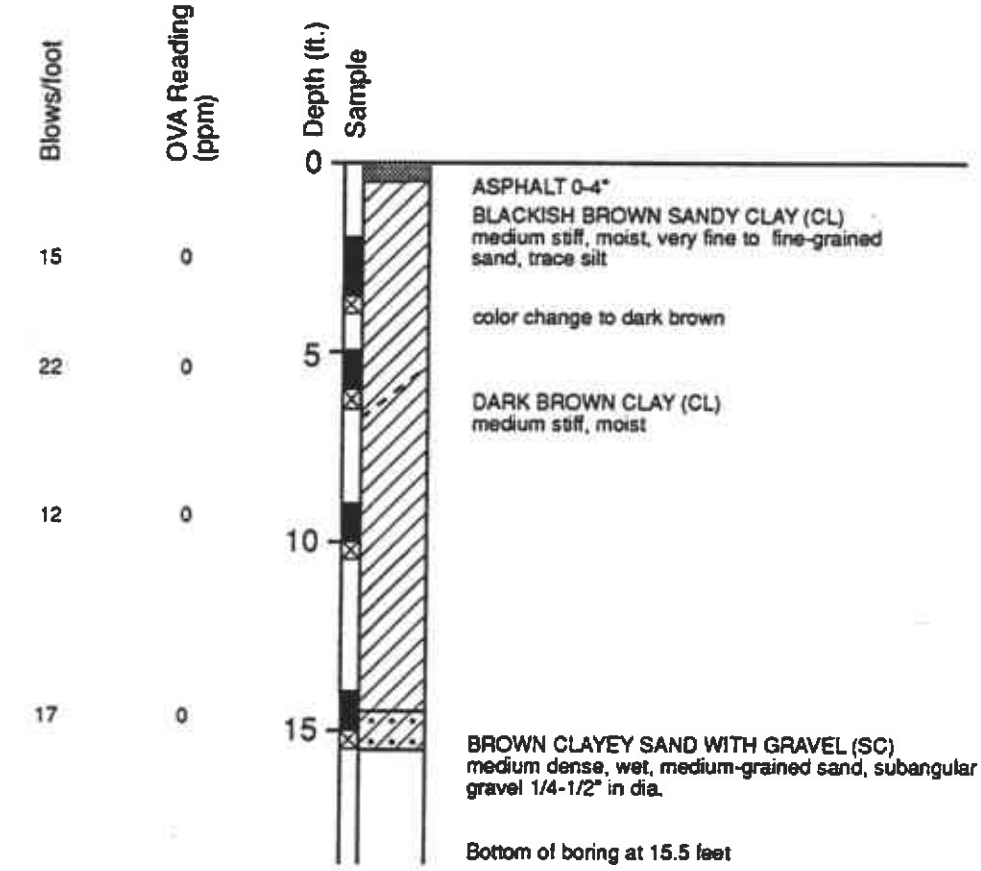
| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | RCP | 3/91 | |

21385

Log of Boring SB-5

Equipment 4" Solid Flight Auger

Date 1/17/91




Harding Lawson Associates
Engineering and Environmental Services

Log of Boring SB-5
Gerber Products
Oakland, California

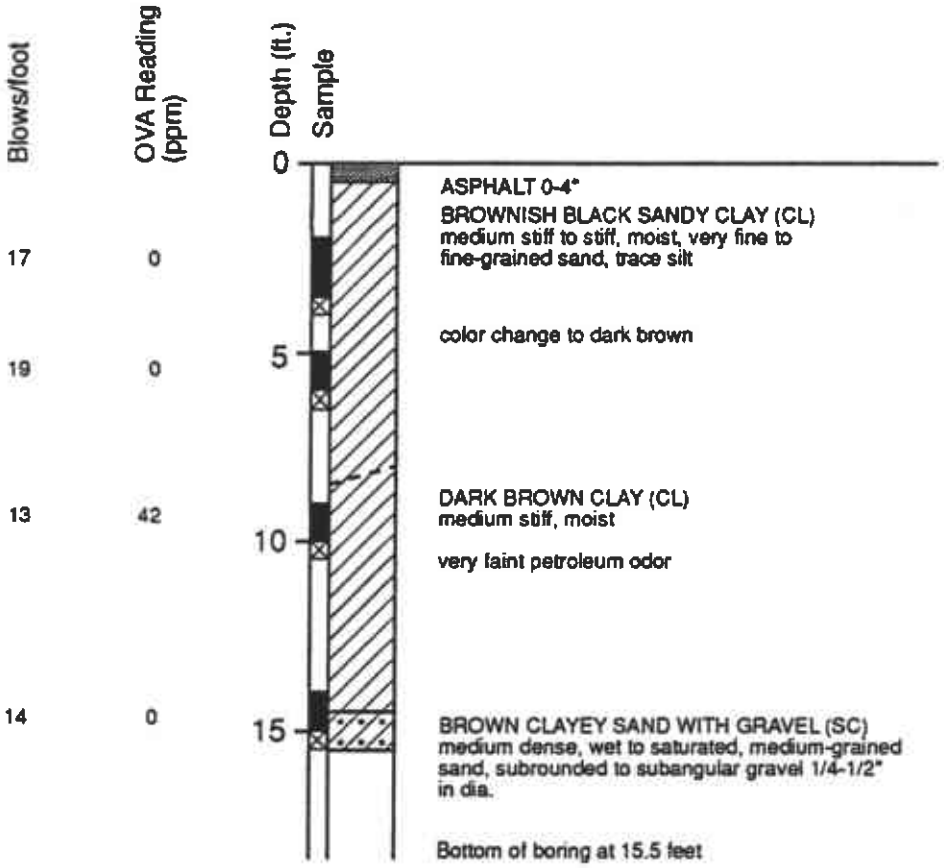
PLATE
A-5

| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | | 3/91 | |

**Log of Boring** SB-6

Equipment 4" Solid Flight Auger

Date 1/17/91




**Harding Lawson Associates**
Engineering and Environmental Services

**Log of Boring SB-6**
Gerber Products
Oakland, California

PLATE
**A-6**

| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | | 3/91 | |

21387

| MAJOR DIVISIONS | | | | | TYPICAL NAMES |
|---|---|---|---|---|---|
| COARSE-GRAINED SOILS MORE THAN HALF IS COARSER THAN No. 200 SIEVE | GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN No. 4 SIEVE SIZE | CLEAN GRAVELS WITH LITTLE OR NO FINES | GW |  | WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES |
| | | | GP |  | POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES |
| | | GRAVELS WITH OVER 12% FINES | GM |  | SILTY GRAVELS, SILTY GRAVELS WITH SAND |
| | | | GC |  | CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND |
| | SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN No. 4 SIEVE SIZE | CLEAN SANDS WITH LITTLE OR NO FINES | SW |  | WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES |
| | | | SP |  | POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES |
| | | SANDS WITH OVER 12% FINES | SM |  | SILTY SANDS WITH OR WITHOUT GRAVEL |
| | | | SC |  | CLAYEY SANDS WITH OR WITHOUT GRAVEL |
| FINE-GRAINED SOILS MORE THAN HALF IS FINER THAN No. 200 SIEVE | SILTS AND CLAYS LIQUID LIMIT 50% OR LESS | | ML |  | INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS |
| | | | CL |  | INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS |
| | | | OL |  | ORGANIC SILTS OR CLAYS OF LOW PLASTICITY |
| | SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50% | | MH |  | INORGANIC SILTS, MICACEOUS OR DIATOMACIOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS |
| | | | CH |  | INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS |
| | | | OH |  | ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY |
| HIGHLY ORGANIC SOILS | | | Pt |  | PEAT AND OTHER HIGHLY ORGANIC SOILS |

## UNIFIED SOIL CLASSIFICATION - ASTM D2487-85

■ "Undisturbed" Sample

⊠ Bulk or Classification Sample

Blows/foot: Number of blows from a 140-pound hammer dropped 30 inches required to advance the sampler one foot

OVA (ppm): Headspace concentration of volatile organic compounds from 4 ounces of soil placed in an 8-ounce glass jar for 10 minutes

**Harding Lawson Associates**
Engineering and Environmental Services

**Unified Soil Classification Chart**
Gerber Products Company
Oakland, California

PLATE
**A-7**

| DRAWN | JOB NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CSNc | 19459,001.02 | | 3/91 | |

# Appendix B

## LABORATORY ANALYTICAL REPORTS OF SOIL SAMPLES

**Appendix B**

**LABORATORY ANALYTICAL REPORTS OF SOIL SAMPLES**
**SOIL SAMPLE IDENTIFICATION KEY**

| Sample Number (Client ID) | Soil Boring | Soil Sample Depth (feet) |
|---|---|---|
| 91011701 | SB-1 | 6.0 - 6.5 |
| 91011702 | SB-1 | 10.0 - 10.5 |
| 91011703 | SB-1 | 15.0 - 15.5 |
| 91011704 | SB-2 | 3.0 - 3.5 |
| 91011705 | SB-2 | 10.0 - 10.5 |
| 91011706 | SB-2 | 15.0 - 15.5 |
| 91011707 | SB-3 | 6.0 - 6.5 |
| 91011708 | SB-3 | 10.0 - 10.5 |
| 91011709 | SB-3 | 15.0 - 15.5 |
| 91011710 | SB-4 | 6.0 - 6.5 |
| 91011711 | SB-4 | 10.0 - 10.5 |
| 91011712 | SB-4 | 15.0 - 15.5 |
| 91011713 | SB-5 | 6.0 - 6.5 |
| 91011714 | SB-5 | 10.0 - 10.5 |
| 91011715 | SB-5 | 15.0 - 15.5 |
| 91011716 | SB-6 | 6.0 - 6.5 |
| 91011717 | SB-6 | 10.0 - 10.5 |
| 91011718 | SB-6 | 15.0 - 15.5 |

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Pacific, Inc.
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Nick Pogoncheff
Harding Lawson Associates
200 Rush Landing
Novato, CA 94947

Date: 02-04-91
NET Client Acct No: 281
NET Pacific Log No: 5722
Received: 01-18-91 1600

Client Reference Information

Gerber Products; Job: 19459,001.02

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 2

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011701<br>01-17-91<br>0853<br>72615 | <br>91011702<br>01-17-91<br>0900<br>72616 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-25-91 | 01-25-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 3

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011701<br>01-17-91<br>0853<br>72615 | <br>91011702<br>01-17-91<br>0900<br>72616 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-21-91 | 01-21-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-21-91 | 01-21-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011703<br>01-17-91<br>0908<br>72617 | <br>91011704<br>01-17-91<br>0927<br>72618 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-25-91 | 01-25-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 5

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011703<br>01-17-91<br>0908<br>72617 | <br>91011704<br>01-17-91<br>0927<br>72618 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-21-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-21-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | 4.1 | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011705<br>01-17-91<br>0936<br>72619 | <br>91011706<br>01-17-91<br>0943<br>72620 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-25-91 | 01-25-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 7

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011705<br>01-17-91<br>0936<br>72619 | <br>91011706<br>01-17-91<br>0943<br>72620 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | 4.4 | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011707<br>01-17-91<br>1004<br>72621 | <br>91011708<br>01-17-91<br>1011<br>72622 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-25-91 | 01-25-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 9

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011707<br>01-17-91<br>1004<br>72621 | <br>91011708<br>01-17-91<br>1011<br>72622 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 10 | |
| DATE ANALYZED | | | 01-22-91 | 01-23-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | 3.5 | 14 | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 10 | |
| DATE ANALYZED | | | 01-22-91 | 01-23-91 | |
| Benzene | | 2.5 | ND | 32 | ug/Kg |
| Ethylbenzene | | 2.5 | ND | 120 | ug/Kg |
| Toluene | | 2.5 | 6.3 | 59 | ug/Kg |
| Xylenes, total | | 2.5 | 31 | 160 | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 10

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011709<br>01-17-91<br>1020<br>72623 | <br>91011710<br>01-17-91<br>1041<br>72624 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-25-91 | 01-25-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 11

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011709<br>01-17-91<br>1020<br>72623 | <br>91011710<br>01-17-91<br>1041<br>72624 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011711<br>01-17-91<br>1048<br>72625 | <br>91011712<br>01-17-91<br>1056<br>72626 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-28-91 | 01-28-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 13

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011711<br>01-17-91<br>1048<br>72625 | <br>91011712<br>01-17-91<br>1056<br>72626 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011713<br>01-17-91<br>1211<br>72627 | <br>91011714<br>01-17-91<br>1220<br>72628 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-28-91 | 01-28-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 15

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011713<br>01-17-91<br>1211<br>72627 | <br>91011714<br>01-17-91<br>1220<br>72628 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 16

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011715<br>01-17-91<br>1228<br>72629 | <br>91011716<br>01-17-91<br>1250<br>72630 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-28-91 | 01-25-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 17

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011715<br>01-17-91<br>1228<br>72629 | <br>91011716<br>01-17-91<br>1250<br>72630 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011717<br>01-17-91<br>1300<br>72631 | <br>91011718<br>01-17-91<br>1310<br>72632 | Units |
|---|---|---|---|---|---|
| METHOD 8010 | | | | | |
| DATE ANALYZED | | | 01-28-91 | 01-28-91 | |
| DILUTION FACTOR* | | | 1 | 1 | |
| Bromodichloromethane | | 2.0 | ND | ND | ug/Kg |
| Bromoform | | 2.0 | ND | ND | ug/Kg |
| Bromomethane | | 2.0 | ND | ND | ug/Kg |
| Carbon tetrachloride | | 2.0 | ND | ND | ug/Kg |
| Chlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Chloroethane | | 2.0 | ND | ND | ug/Kg |
| 2-Chloroethylvinyl ether | | 5.0 | ND | ND | ug/Kg |
| Chloroform | | 2.0 | ND | ND | ug/Kg |
| Chloromethane | | 2.0 | ND | ND | ug/Kg |
| Dibromochloromethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,3-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| 1,4-Dichlorobenzene | | 2.0 | ND | ND | ug/Kg |
| Dichlorodifluoromethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| trans-1,2-Dichloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,2-Dichloropropane | | 2.0 | ND | ND | ug/Kg |
| cis-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| trans-1,3-Dichloropropene | | 2.0 | ND | ND | ug/Kg |
| Methylene Chloride | | 50 | ND | ND | ug/Kg |
| 1,1,2,2-Tetrachloroethane | | 2.0 | ND | ND | ug/Kg |
| Tetrachloroethene | | 2.0 | ND | ND | ug/Kg |
| 1,1,1-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| 1,1,2-Trichloroethane | | 2.0 | ND | ND | ug/Kg |
| Trichloroethene | | 2.0 | ND | ND | ug/Kg |
| Trichlorofluoromethane | | 2.0 | ND | ND | ug/Kg |
| Vinyl chloride | | 2.0 | ND | ND | ug/Kg |

NET Pacific, Inc.

Client No: 281 Date: 02-04-91
Client Name: Harding Lawson Associates
NET Log No: 5722 Page: 19

Ref: Gerber Products; Job: 19459,001.02

| Parameter | Method | Reporting Limit | Descriptor, Lab No. and Results<br>91011717<br>01-17-91<br>1300<br>72631 | <br>91011718<br>01-17-91<br>1310<br>72632 | Units |
|---|---|---|---|---|---|
| PETROLEUM HYDROCARBONS | | | -- | -- | |
| VOLATILE (SOIL) | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| METHOD GC FID/5030 | | | -- | -- | |
| as Gasoline | | 1 | ND | ND | mg/Kg |
| METHOD 8020 | | | -- | -- | |
| DILUTION FACTOR * | | | 1 | 1 | |
| DATE ANALYZED | | | 01-22-91 | 01-22-91 | |
| Benzene | | 2.5 | ND | ND | ug/Kg |
| Ethylbenzene | | 2.5 | ND | ND | ug/Kg |
| Toluene | | 2.5 | ND | ND | ug/Kg |
| Xylenes, total | | 2.5 | ND | ND | ug/Kg |

Ref: Gerber Products; Job: 19459,001.02

QUALITY CONTROL DATA

| Parameter | Reporting Limits | Units | Cal Verf Stand % Recovery | Blank Data | Spike % Recovery | Duplicate Spike % Recovery | RPD |
|---|---|---|---|---|---|---|---|
| Chlorobenzene | 2.0 | ug/Kg | N/A | ND | 98 | 96 | 1.5 |
| 1,1-Dichloroethene | 2.0 | ug/Kg | N/A | ND | 90 | 88 | 2.8 |
| Trichloroethene | 2.0 | ug/Kg | N/A | ND | 94 | 102 | 7.6 |
| 1,1-Dichloroethene | 2.0 | ug/Kg | N/A | ND | 86 | 86 | 1.2 |
| Trichloroethene | 2.0 | ug/Kg | N/A | ND | 90 | 96 | 6.4 |
| Chlorobenzene | 2.0 | ug/Kg | N/A | ND | 84 | 89 | 6.4 |

COMMENT: Blank Results were ND on other analytes tested.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Gasoline | 1 | mg/Kg | 96 | ND | 98 | 106 | 7.5 |
| Benzene | 2.5 | ug/Kg | 100 | ND | 91 | 92 | 1.1 |
| Toluene | 2.5 | ug/Kg | 96 | ND | 97 | 97 | < 1 |
| Gasoline | 1 | mg/Kg | 95 | ND | 89 | 86 | 3.4 |
| Benzene | 2.5 | ug/Kg | 110 | ND | 90 | 85 | 5.7 |
| Toluene | 2.5 | ug/Kg | 117 | ND | 96 | 93 | 3.2 |
| Gasoline | 1 | mg/Kg | 89 | ND | 90 | 80 | 12 |

COMMENT: Blank Results were ND on other analytes tested.

NET Pacific, Inc.

# KEY TO ABBREVIATIONS and METHOD REFERENCES

| | | |
|---|---|---|
| < | : | Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit. |
| * | : | Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values). |
| ICVS | : | Initial Calibration Verification Standard (External Standard). |
| mean | : | Average; sum of measurements divided by number of measurements. |
| mg/Kg (ppm) | : | Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million). |
| mg/L | : | Concentration in units of milligrams of analyte per liter of sample. |
| mL/L/hr | : | Milliliters per liter per hour. |
| MPN/100 mL | : | Most probable number of bacteria per one hundred millliliters of sample. |
| N/A | : | Not applicable. |
| NA | : | Not analyzed. |
| ND | : | Not detected; the analyte concentration is less than applicable listed reporting limit. |
| NTU | : | Nephelometric turbidity units. |
| RPD | : | Relative percent difference, 100 [Value 1 - Value 2]/mean value. |
| SNA | : | Standard not available. |
| ug/Kg (ppb) | : | Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion). |
| ug/L | : | Concentration in units of micrograms of analyte per liter of sample. |
| umhos/cm | : | Micromhos per centimeter. |

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 16th Edition, APHA, 1985.

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Novato, California 94948
415/892-0821
Telecopy: 415/892-1586

5722

# CHAIN OF CUSTODY FORM

Lab: Nor Pac

Samplers: Gary Lieberman

Job Number: 19459.001.02

Name/Location: Gerber Products

Project Manager: Nick Poyancheff

Recorder: Gary Lieberman (Signature Required)

| SOURCE CODE | MATRIX: Water | Sediment | Soil | Oil | #CONTAINERS & PRESERV.: Unpres. | $H_2SO_4$ | $HNO_3$ | SAMPLE NUMBER OR LAB NUMBER: Yr | Wk | Seq | DATE: Yr | Mo | Dy | Time | STATION DESCRIPTION/ NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SO | | | X | | 1 | | | 91 | 01 | 1701 | 91 | 01 | 17 | 0853 | B-1 @ 6.0-6.5 |
| SO | | | X | | 1 | | | 91 | 01 | 1702 | 91 | 01 | 17 | 0900 | B-1 @ 10.0-10.5 |
| | | | | | 1 | | | | | 1703 | | | | 0908 | B-1 @ 15.0-15.5 |
| | | | | | 1 | | | | | 1704 | | | | 0927 | B-2 @ 3.0-3.5 |
| | | | | | 1 | | | | | 1705 | | | | 0936 | ↓ 10.0-10.5 |
| | | | | | 1 | | | | | 1706 | | | | 0943 | ↓ 15.0-15.5 |
| | | | | | 1 | | | | | 1707 | | | | 1004 | B-3 @ 6.0-6.5 |
| | | | | | 1 | | | | | 1708 | | | | 1011 | ↓ 10.0-10.5 |
| | | | | | 1 | | | | | 1709 | | | | 1020 | ↓ 15.0-15.5 |
| | | | | | 1 | | | | | 1710 | | | | 1041 | B-4 @ 6.0-6.5 |

ANALYSIS REQUESTED

| EPA 601/8010 | EPA 602/8020 | EPA 624/8240 | EPA 625/8270 | Priority Pllnt. Metals | Benzene/Toluene/Xylene & E | Total Petrol. Hydrocarb. as gasoline by 8015/8020 | note: BTXE by 8020 method |
|---|---|---|---|---|---|---|---|
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |
| X | X | | | | X | X | |

| LAB NUMBER: Yr | Wk | Seq | DEPTH IN FEET | COL MTD CD | QA CODE | MISCELLANEOUS |
|---|---|---|---|---|---|---|
| | | | | | | Standard T/A |
| | | | | | | contact Nick Poyancheff with results |
| | | | | | | Fax 892-0586 |

## CHAIN OF CUSTODY RECORD

| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE/TIME |
|---|---|---|
| Gary Lieberman | Amy Lowe | 1/19/91 1515 |
| RELINQUISHED BY: (Signature) Amy Lowe | RECEIVED BY: (Signature) | DATE/TIME |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE/TIME |
| RELINQUISHED BY: (Signature) | RECEIVED BY: (Signature) | DATE/TIME |
| DISPATCHED BY: (Signature) , DATE/TIME | RECEIVED FOR LAB BY: (Signature) Julie Schultz | DATE/TIME 1/19/91 1600 |
| METHOD OF SHIPMENT | | |

Laboratory Copy White — Project Office Copy Yellow — Field or Office Copy Pink

6533