R. William Rudolph, Jr., PE
Thomas E. Cundey, PE
Jeriann N. Alexander, PE

95 FEB -2 PM 2:05

STID 1385

February 1, 1995
SCI 727.001

Mr. Dante Sambajon
Plant Engineer
Coulter Steel and Forge Company
1494 - 67th Street
Emeryville, California 94662-0901

**Groundwater Monitoring**
**December 1994 Event**
**Former Diesel Fuel Tank Area**
**722 Folger Avenue**
**Emeryville, California**

Dear Mr. Sambajon:

This letter records the results of the seventh sampling event conducted by Subsurface Consultants, Inc. (SCI) for the groundwater monitoring program at the referenced site. Five monitoring wells have been periodically sampled in the vicinity of the former diesel fuel tank since May 1992. The previous tank area and well locations are shown on the attached Site Plan, Plate 1.

**Groundwater Monitoring**

The groundwater monitoring program for this site was modified by the ACHCSA in June 1994. As modified, the program requires the following:

1. Wells MW-4, MW-5 and MW-8 will be monitored for Total Extractable Hydrocarbons (TEH) and BTEX every quarter.

2. If well MW-4 shows detectable levels of contaminants, then, samples from well MW-6 must be analyzed.

3. MW-3 is to be monitored for TEH and BTEX biannually.

Groundwater monitoring was conducted on December 16 , 1994. For this sampling event wells MW-3, MW-4, MW-5, MW-6 and MW-8 were monitored. Initially, the depth to groundwater and the presence of free product were checked in all five wells with a steel tape, and water and petroleum product sensitive pastes. Groundwater level measurements are presented on Table 1.

Prior to sampling, the wells were purged of at least three well volumes of water. Measurements of water temperature, pH and conductivity were recorded at various intervals during the purge process. Well sampling forms are attached.

The depth to water in each well was checked, following purging and before sampling, to assure that the wells had recharged to at least 80 percent of their initial volume. The wells were then sampled using new disposable bailers. The samples were retained in containers pre-cleaned by the supplier in accordance with EPA protocol. The samples were placed in an ice filled cooler and transmitted to Curtis & Tompkins, Ltd. The testing program for this event included the following analyses:

1. Total Extractable Hydrocarbons as diesel (TEH) (EPA 5030/8015), and

2. Benzene, toluene, ethylbenzene and xylene (BTEX) (EPA 5030/602).

The results of all analytical testing events are presented on Table 2. Analytical test reports and Chain-of-Custody documents for the current event are attached.

## Conclusions

### Groundwater Gradient

Based on the data presented on Table 1, it appears that the groundwater flow direction is towards the west. The gradient is relatively flat in the former tank area, and gradually steepens toward the west. This data is consistent with previous findings. The groundwater flow contours and direction for this event are shown on Plate 1.

### Diesel Contamination

In general, the data indicates that groundwater in a limited area around the previous tank site has been impacted by TEH within the diesel range. The upgradient and downgradient extent of the plume have been well defined.

In accordance with the monitoring program, the next sampling event will be performed during the month of March 1995. During that event, Wells MW-3, MW-4, MW-5 and MW-8 will be sampled and analyzed for TEH and BTEX.

If you have any questions, please call.

Yours very truly,

Subsurface Consultants, Inc.

Jeriann N. Alexander
Civil Engineer 40469 (expires 3/31/95)

JTW:JNA:RWR:sld

2 copies submitted

Attachments: Site Plan - Plate 1
Table 1 - Groundwater Elevations
Table 2 - Summary of Contaminants in Groundwater
Analytical Test Reports
Chain-of-Custody Documents
Groundwater Sampling Forms

cc: Ms. Susan Hugo
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Rich Hiett
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

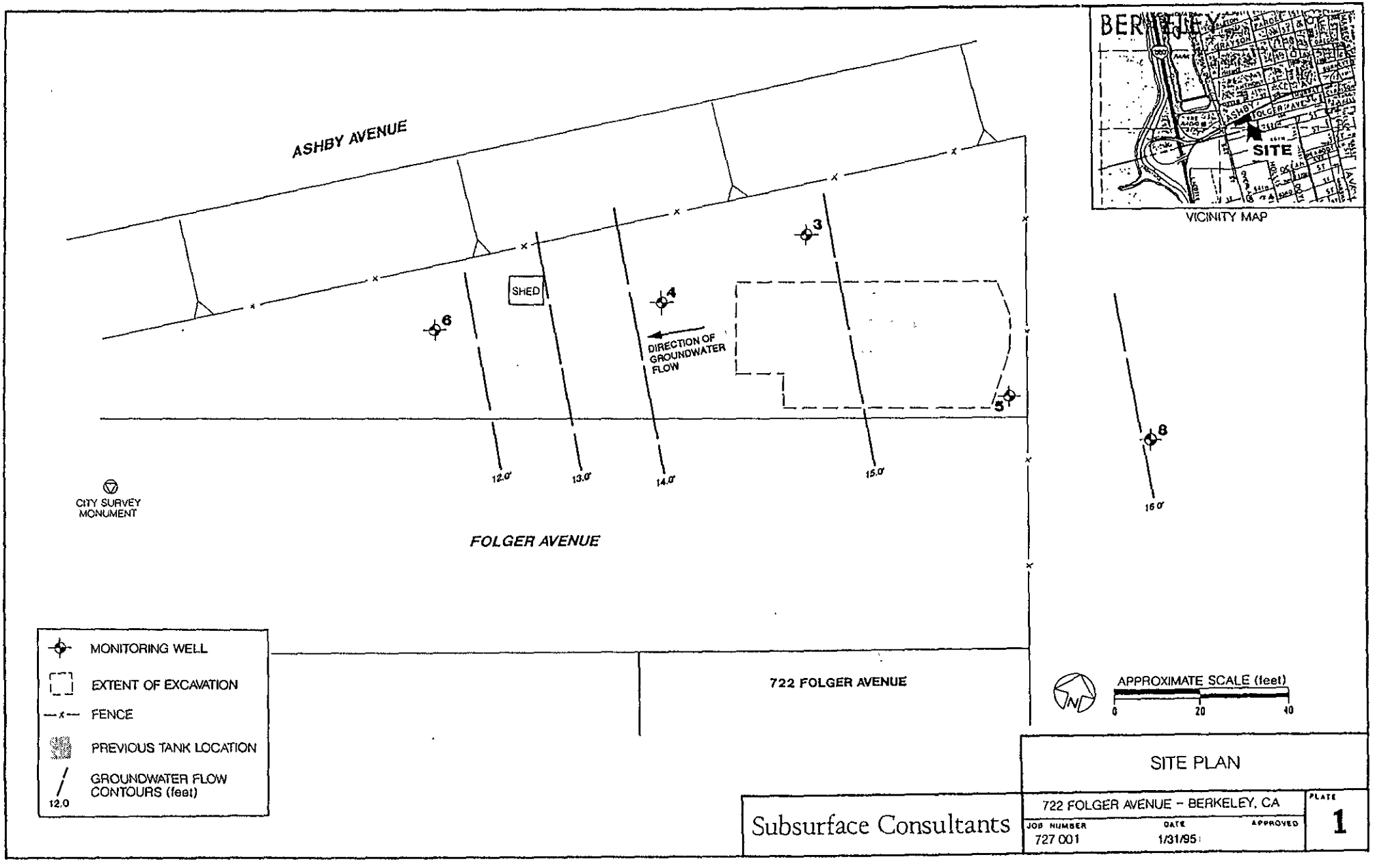
ASHBY AVENUE
FOLGER AVENUE
SHED
3
4
5
6
8
DIRECTION OF GROUNDWATER FLOW
12.0'
13.0'
14.0'
15.0'
16.0'
CITY SURVEY MONUMENT
722 FOLGER AVENUE
BERKELEY
SITE
VICINITY MAP
MONITORING WELL
EXTENT OF EXCAVATION
FENCE
PREVIOUS TANK LOCATION
GROUNDWATER FLOW CONTOURS (feet)
12.0
APPROXIMATE SCALE (feet)
0
20
40
SITE PLAN
Subsurface Consultants
722 FOLGER AVENUE - BERKELEY, CA
JOB NUMBER
727 001
DATE
1/31/95
APPROVED
PLATE
1

Table 1.
Groundwater Elevation Data

| Well | TOC Elevation (feet) | Date | Groundwater Depth (feet) | Groundwater Elevation (feet) |
|---|---|---|---|---|
| MW-3 | 24.70 | 5/15/92 | 11.15 | 13.55 |
| | | 7/1/92 | 11.60 | 13.10 |
| | | 8/18/92 | 12.00 | 12.70 |
| | | 3/4/93 | 9.97 | 14.91 |
| | | 6/8/93 | 10.47 | 14.23 |
| | | 11/4/93 | 12.05 | 12.65 |
| | | 12/6/93 | 11.62 | 13.08 |
| | | 2/23/94 | 10.12 | 14.58 |
| | | 6/9/94 | 10.98 | 13.72 |
| | | 9/7/94 | 11.83 | 12.87 |
| | | 12/16/94 | 9.96 | 14.74 |
| MW-4 | 23.92 | 5/15/92 | 10.00 | 13.92 |
| | | 7/1/92 | 11.26 | 12.66 |
| | | 8/18/92 | 11.58 | 12.34 |
| | | 3/4/93 | 9.39 | 14.53 |
| | | 6/8/93 | 10.01 | 13.91 |
| | | 11/4/93 | 11.53 | 12.39 |
| | | 12/6/93 | 11.11 | 12.81 |
| | | 2/23/94 | 9.63 | 14.29 |
| | | 6/9/94 | 10.47 | 13.45 |
| | | 9/7/94 | 11.31 | 12.61 |
| | | 12/16/94 | 9.48 | 14.44 |
| MW-5 | 23.85 | 5/15/92 | 10.52 | 13.33 |
| | | 7/1/92 | 9.93 | 13.92 |
| | | 8/18/92 | 9.24 | 14.61 |
| | | 3/5/93 | 7.72 | 16.15 |
| | | 6/8/93 | 8.31 | 15.54 |
| | | 11/4/93 | 10.33 | 13.52 |
| | | 12/6/93 | 9.91 | 13.94 |
| | | 2/23/94 | 8.23 | 15.62 |
| | | 6/9/94 | 9.09 | 14.76 |
| | | 9/7/94 | 9.95 | 13.90 |
| | | 12/16/94 | 7.98 | 15.87 |
| MW-6 | 22.98 | 5/15/92 | 12.46 | 10.52 |
| | | 7/1/92 | 12.96 | 10.02 |
| | | 8/18/92 | 13.42 | 9.56 |
| | | 3/4/93 | 11.60 | 11.38 |
| | | 6/8/93 | 12.34 | 10.64 |
| | | 11/4/93 | 13.62 | 9.36 |
| | | 12/6/93 | 13.08 | 9.90 |
| | | 2/23/94 | 11.78 | 11.20 |

**Table 1.**
**Groundwater Elevation Data**

| Well | TOC Elevation (feet) | Date | Groundwater Depth (feet) | Groundwater Elevation (feet) |
|---|---|---|---|---|
| | | 6/9/94 | 12.73 | 10.25 |
| | | 9/7/94 | 13.52 | 9.46 |
| | | 12/16/94 | 11.69 | 11.29 |
| MW-8 | 23.85 | 12/6/93 | 9.07 | 14.15 |
| | | 2/23/94 | 7.93 | 15.92 |
| | | 6/9/94 | 8.60 | 15.25 |
| | | 9/7/94 | 9.39 | 14.46 |
| | | 12/16/94 | 7.78 | 16.07 |

TOC = Top of casing
Elevation reference = City of Berkeley Survey Monument of Folger Avenue at the Location Shown on the Site Plan

**Table 2.**
**TEH and BTEX Concentrations in Groundwater**

| Sample | Date | TEH ug/l | B ug/l | T ug/l | E ug/l | X ug/l |
|---|---|---|---|---|---|---|
| MW-3 | 5/15/92 | 100 | <0.5 | <0.5 | <0.5 | 2.5 |
| | 8/18/92 | <50 | <0.5 | <1.0 | <0.5 | <0.5 |
| | 3/4/93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/8/93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 11/4/93 | 60 | <0.5 | 0.6 | <0.5 | 0.21 |
| | 2/23/94 | 1600 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9/7/94 | 900 | <0.5 | <2 | <0.5 | <0.5 |
| MW-4 | 5/15/92 | 10,000 | <0.5 | <0.5 | <0.5 | 5 |
| | 8/18/92 | 300 | <0.5 | <1.0 | <0.5 | <0.5 |
| | 3/4/93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/8/93 | 190 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 11/4/93 | <50 | 0.5 | 0.5 | <0.5 | 0.9 |
| | 2/23/94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/9/94 | 530 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 12/16/94 | 410 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW-5 | 5/15/92 | 510 | <0.5 | <1.0 | <0.5 | <0.5 |
| | 3/5/93 | 1,400 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/8/93 | 1,300 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 11/4/94 | 930 | <0.5 | 0.5 | <0.5 | 0.9 |
| | 2/23/94 | 3,100 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/9/94 | 310 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9/7/94 | 1100 | <0.5 | <2 | <0.5 | <0.5 |
| | 12/16/94 | 690 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW-6 | 5/15/92 | <50 | <0.5 | <0.5 | <0.5 | 2 |
| | 8/18/92 | <50 | <0.5 | <1.0 | <0.5 | <0.5 |
| | 3/4/93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/8/93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 11/4/93 | <50 | <0.5 | <0.5 | <0.5 | 0.7 |
| | 2/23/94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/9/94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9/7/94 | <50 | <0.5 | <2 | <0.5 | <0.5 |
| | 12/16/94 | <50 | <0.5 | -- | -- | -- |
| MW-8 | 12/6/93 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2/23/94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 6/9/94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |
| | 9/7/94 | <50 | <0.5 | <2 | <0.5 | <0.5 |
| | 12/16/94 | <50 | <0.5 | <0.5 | <0.5 | <0.5 |

ug/l = micrograms per liter, parts per billion
TEH = Total extractable hydrocarbons
B = benzene
T = toluene
E = ethylbenzene
X = xylenes

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

# ANALYTICAL REPORT

Prepared for:

Subsurface Consultants
171 12th Street
Suite 201
Oakland, CA 94608

Date: 03-JAN-95
Lab Job Number: 119167
Project ID: 727.001
Location: Coulter Steel

Reviewed by: Mary Pleiss

Reviewed by: Cynthia E. Schlaz

Curtis & Tompkins, Ltd

LABORATORY NUMBER: 119167
CLIENT: Subsurface Consultants
PROJECT ID: 727.001
LOCATION: Coulter Steel
BATCH NO: 18235

DATE SAMPLED: 12/19/94
DATE RECEIVED: 12/19/94
DATE EXTRACTED: 12/22/94
DATE ANALYZED: 12/23/94
DATE REPORTED: 01/03/95

## Extractable Petroleum Hydrocarbons in Aqueous Solutions
California DOHS Method
LUFT Manual October 1989

| LAB ID | CLIENT ID | KEROSENE RANGE (ug/L) | DIESEL RANGE (ug/L) | REPORTING LIMIT (ug/L) |
|---|---|---|---|---|
| 119167-1 | MW-4 | ** | 410 * | 50 |
| METHOD BLANK | | ND | ND | 50 |

ND = Not detected at or above reporting limit. Reporting limit applies to all analytes.

* Sample chromatogram does not resemble diesel standard.

** Kerosene range not reported due to overlap of hydrocarbon ranges.

QA/QC SUMMARY:

| | |
|---|---|
| RPD, % | 11 |
| RECOVERY, % | 84 |

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 119167
CLIENT: Subsurface Consultants
PROJECT ID: 727.001
LOCATION: Coulter Steel
BATCH NO: 18263

DATE SAMPLED: 12/19/94
DATE RECEIVED: 12/19/94
DATE EXTRACTED: 12/26/94
DATE ANALYZED: 12/27/94
DATE REPORTED: 01/03/95

## Extractable Petroleum Hydrocarbons in Aqueous Solutions
California DOHS Method
LUFT Manual October 1989

| LAB ID | CLIENT ID | KEROSENE RANGE (ug/L) | DIESEL RANGE (ug/L) | REPORTING LIMIT (ug/L) |
|---|---|---|---|---|
| 119167-2 | MW-5 | ** | 690 * | 50 |
| 119167-4 | MW-8 | ND | ND | 50 |
| METHOD BLANK | | ND | ND | 50 |

ND = Not detected at or above reporting limit. Reporting limit applies to all analytes.

* Sample chromatogram does not resemble diesel standard.

** Kerosene range not reported due to overlap of hydrocarbon ranges.

QA/QC SUMMARY:

| | |
|---|---|
| RPD, % | 14 |
| RECOVERY, % | 105 |

Curtis & Tompkins, Ltd

LABORATORY NUMBER: 119167
CLIENT: SUBSURFACE CONSULTANTS
PROJECT ID: 727.001
LOCATION: Coulter Steel
BATCH NO: 18264

DATE SAMPLED: 12/19/94
DATE RECEIVED: 12/19/94
DATE ANALYZED: 12/26/94
DATE REPORTED: 01/03/95

Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 8020
Extraction by EPA 5030 Purge and Trap

| LAB ID | CLIENT ID | BENZENE (ug/L) | TOLUENE (ug/L) | ETHYL BENZENE (ug/L) | TOTAL XYLENES (ug/L) |
|---|---|---|---|---|---|
| 119167-1 | MW-4 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) |
| 119167-4 | MW-8 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) |
| METHOD BLANK | | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) |

ND = Not detected at or above reporting limit. Detection limit indicated in parentheses.

QA/QC SUMMARY

| | |
|---|---|
| RPD, % | 1 |
| RECOVERY, % | 105 |

Curtis & Tomkins, Ltd.

LABORATORY NUMBER: 119167
CLIENT: SUBSURFACE CONSULTANTS
PROJECT ID: 727.001
LOCATION: Coulter Steel
BATCH NO: 18288

DATE SAMPLED: 12/19/94
DATE RECEIVED: 12/19/94
DATE ANALYZED: 12/28/94
DATE REPORTED: 01/03/95

## Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 8020
## Extraction by EPA 5030 Purge and Trap

| LAB ID | CLIENT ID | BENZENE (ug/L) | TOLUENE (ug/L) | ETHYL BENZENE (ug/L) | TOTAL XYLENES (ug/L) |
|---|---|---|---|---|---|
| 119167-2 | MW-5 | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) |
| METHOD BLANK | | ND(0.5) | ND(0.5) | ND(0.5) | ND(0.5) |

ND = Not detected at or above reporting limit. Detection limit indicated in parentheses.

QA/QC SUMMARY

| | |
|---|---|
| RPD, % | 3 |
| RECOVERY, % | 117 |

# CHAIN OF CUSTODY FORM

PAGE 1 OF 1

PROJECT NAME: COULTER STEEL
JOB NUMBER: 727.001 LAB: CURTIS & TOMPKINS
PROJECT CONTACT: JERI ALEXANDER TURNAROUND: NORMAL
SAMPLED BY: Dennis Alexander REQUESTED BY: JERI ALEXANDER

| LABORATORY I.D. NUMBER | SCI SAMPLE NUMBER | MATRIX | | | | | | CONTAINERS | | | | | | METHOD PRESERVED | | | | | SAMPLING DATE | | | | | | | | | NOTES | ANALYSIS REQUESTED | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | WATER | SOIL | WASTE | AIR | | | VOA | LITER | PINT | TUBE | | | HCL | $H_2SO_4$ | $HNO_3$ | ICE | NONE | MONTH | | DAY | | YEAR | TIME | | | | | TEH | BTXG |
| | MW-4 | X | | | | | | 2 | 1 | | | | | X | | | X | | 1 | 2 | 1 | 6 | 9 | 4 | 1 | 5 | 1 | 5 | | X | X |
| | MW-5 | X | | | | | | 3 | 1 | | | | | X | | | X | | 1 | 2 | 1 | 9 | 9 | 4 | 0 | 9 | 4 | 5 | | X | X |
| | MW-6 | X | | | | | | 3 | 1 | | | | | X | | | X | | 1 | 2 | 1 | 6 | 9 | 4 | 1 | 3 | 4 | 5 | X | | |
| | MW-8 | X | | | | | | 3 | 1 | | | | | X | | | X | | 1 | 2 | 1 | 6 | 9 | 4 | 1 | 5 | 0 | 0 | | X | X |

## CHAIN OF CUSTODY RECORD

| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
|---|---|---|---|
| Dennis Alexander | 12/19/94 10:00 a.m. | Mary Pleasant | 12/19/94 1010 am |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |

COMMENTS & NOTES:
Please hold MW-6 Samples.
MW-6 will be analyzed for TEH & BTXE ONLY IF MW-4 shows detectable levels of contaminants


Subsurface Consultants, Inc.
171 12TH STREET, SUITE 201, OAKLAND, CALIFORNIA 94607
(510) 268-0461 • FAX: 510-268-0137

1111-5

# CHAIN OF CUSTODY FORM

PAGE 1 OF 1

PROJECT NAME: COULTER STEEL
JOB NUMBER: 727.001
PROJECT CONTACT: JERI ALEXANDER
SAMPLED BY: Dennis Alexander
LAB: CURTIS & TOMPKINS
TURNAROUND: NORMAL
REQUESTED BY: JERI ALEXANDER

| LABORATORY I.D. NUMBER | SCI SAMPLE NUMBER | MATRIX: WATER | SOIL | WASTE | AIR | | | CONTAINERS: VOA | LITER | PINT | TUBE | | | METHOD PRESERVED: HCL | $H_2SO_4$ | $HNO_3$ | ICE | NONE | SAMPLING DATE: MONTH | DAY | YEAR | TIME | | | | NOTES | ANALYSIS REQUESTED: TEH | BTXE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MW-4 | X | | | | | | 3 | 1 | | | | | X | | | X | | | | | | | | | X | X |
| | MW-5 | X | | | | | | 3 | 1 | | | | | X | | | X | | | | | | | | | X | X |
| | MW-6 | X | | | | | | 3 | 1 | | | | | X | | | X | | | | | | | | X | | |
| | MW-8 | X | | | | | | 3 | 1 | | | | | X | | | X | | | | | | | | | X | X |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

## CHAIN OF CUSTODY RECORD

| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
|---|---|---|---|
| Dennis Alexander | 12/19/94 10:00 a.m. | Mary Pleasant | 12/19/94 1010 am |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |

COMMENTS & NOTES:
Please hold MW-6 samples.
MW-6 will be analyzed for TEH & BTXE ONLY
IF MW-4 shows detectable levels of contaminants


Subsurface Consultants, Inc.
171 12TH STREET, SUITE 201, OAKLAND, CALIFORNIA 94607
(510) 268-0461 • FAX: 510-268-0137

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

# A N A L Y T I C A L  R E P O R T

Prepared for:

Subsurface Consultants
171 12th Street
Suite 201
Oakland, CA 94608

Date: 09-JAN-95
Lab Job Number: 119349
Project ID: 727.001
Location: Coulter Steel

Reviewed by: _____

Reviewed by: _____

Curtis & Tomckins, Ltd

LABORATORY NUMBER: 119349
CLIENT: SUBSURFACE CONSULTANTS
PROJECT ID: 727.001
LOCATION: COULTER STEEL

DATE SAMPLED: 12/16/94
DATE RECEIVED: 12/19/94
DATE REQUESTED: 01/04/95
DATE EXTRACTED: 01/05/95*
DATE ANALYZED: 01/06/95
DATE REPORTED: 01/09/95
BATCH NO: 18400

Extractable Petroleum Hydrocarbons in Aqueous Solutions
California DOHS Method
LUFT Manual October 1989

| LAB ID | CLIENT ID | KEROSENE RANGE (ug/L) | DIESEL RANGE (ug/L) | REPORTING LIMIT (ug/L) |
|---|---|---|---|---|
| 119349-01 | MW-6 | ND | ND | 50 |
| METHOD BLANK | N/A | ND | ND | 50 |

ND = Not detected at or above reporting limit. Reporting limit applies to all analytes.

* Sample extracted past technical hold time.

QA/QC SUMMARY:

| | |
|---|---|
| RPD, % | 5 |
| RECOVERY, % | 111 |

Curtis & Tompkins, Ltd.

# VERBAL ADDITIONS/CANCELLATIONS TO ANALYSIS REQUEST SHEET

Client: SCI Date: 1/4/95

Requested By: Jeri Alexander Time: _____ AM 1 15 PM

Recorded By: MRM

| Current Lab ID (Previous Lab ID) | Client ID | Circle Matrix | Specify add or cancel | Analysis | Due Date |
|---|---|---|---|---|---|
| 119349-001 (119167-003) | MW-6 | (water) soil waste oil other | + | TEH | 1/11 |
| ( ) | | water soil waste oil other | | | |
| ( ) | | water soil waste oil other | | | |
| ( ) | | water soil waste oil other | | | |
| ( ) | | water soil waste oil other | | | |
| ( ) | | water soil waste oil other | | | |

# HAIN OF CUSTODY FORM



OJECT NAME: COULTER STEEL

B NUMBER: 727.001 LAB: CURTIS & TOMPKINS

OJECT CONTACT: JERI ALEXANDER TURNAROUND: NORMAL

MPLED BY: Dennis Alexander REQUESTED BY: JERI ALEXANDER

| LABORATORY I.D. NUMBER | SCI SAMPLE NUMBER | MATRIX: WATER | MATRIX: SOIL | MATRIX: WASTE | MATRIX: AIR | CONTAINERS: VOA | CONTAINERS: LITER | CONTAINERS: PINT | CONTAINERS: TUBE | METHOD PRESERVED: HCL | METHOD PRESERVED: $H_2SO_4$ | METHOD PRESERVED: $HNO_3$ | METHOD PRESERVED: ICE | METHOD PRESERVED: NONE | SAMPLING DATE: MONTH | SAMPLING DATE: DAY | SAMPLING DATE: YEAR | SAMPLING DATE: TIME | NOTES | ANALYSIS REQUESTED: TEH | ANALYSIS REQUESTED: BTXG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MW-4 | X | | | | 3 | 1 | | | X | | | X | | 12 | 16 | 94 | 1515 | | X | X |
| | MW-5 | X | | | | 3 | 1 | | | X | | | X | | 12 | 19 | 94 | 0945 | | X | X |
| | MW-6 | X | | | | 3 | 1 | | | X | | | X | | 12 | 16 | 94 | 1345 | X | | |
| | MW-9 | X | | | | 3 | 1 | | | X | | | X | | 12 | 16 | 94 | 1500 | | X | X |

## CHAIN OF CUSTODY RECORD

| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
|---|---|---|---|
| Dennis Alexander | 12/19/94 10:00 a.m. | Mary Pleasant | 12/19/94 1010 am |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |
| RELEASED BY: (Signature) | DATE / TIME | RECEIVED BY: (Signature) | DATE / TIME |

COMMENTS & NOTES:

Please hold MW-6 Samples.
MW6 will be analyzed for TEH & BTXE ONLY
IF MW-4 shows detectable levels of contaminants

Subsurface Consultants, Inc.
171 12TH STREET, SUITE 201, OAKLAND, CALIFORNIA 94607
(510) 268-0461 • FAX: 510-268-0137