

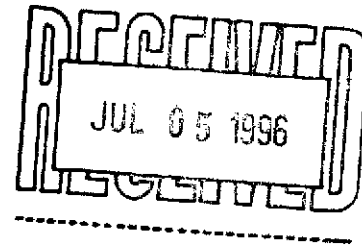
# BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE  
SAN JOSE, CA 95133  
(408) 995-5535  
FAX (408) 293-8773

Encinal Terminals  
P.O. Box 2453  
Alameda, CA 94501

ATTN: Peter Wang

July 1, 1996



Second Quarter 1996 Groundwater Monitoring at  
Encinal Terminals  
2020 Sherman Avenue  
Alameda, California

Monitoring Performed on June 18, 1996

## Groundwater Sampling Report 960618-V-2

This report covers the monitoring of groundwater wells at the Encinal Terminals. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated volume of a three-case volume purge, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored in 55 gallon steel drums.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains a groundwater elevation contour map located in the **Professional Engineering Appendix**.

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

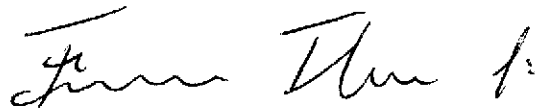
96 JUL 25 PM 1:47  
ENVIRONMENTAL  
PROTECTION

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

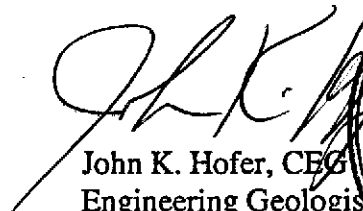
Blaine Tech Services, Inc. employs the services of outside professional firms to conduct independent reviews of our methodologies. Independent Professional Reviews by a certified engineering geologist are directed to the evaluating the efficacy of procedures and equipment employed by Blaine Tech Services, Inc. personnel in the conduct of our technical assignments. Independent Professional Reviews are intentionally limited in scope and do not extend to characterizing environmental conditions at the site or making recommendations.

Please call if you have any questions.

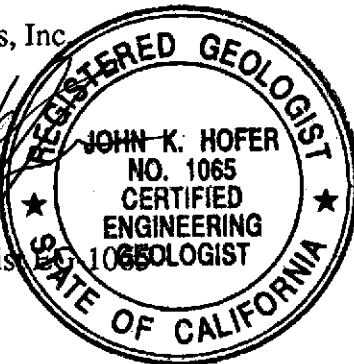
Yours truly,



James Keller  
Vice-President  
Blaine Tech Services, Inc.



John K. Hofer, CEG  
Engineering Geologist  
Geoconsultants, Inc.



JPK/mc

attachments: Cumulative Table of Well Data and Analytical Results  
Professional Engineering Appendix  
Analytical Appendix

# **Table of Well Data and Analytical Results**

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	1,1-DCE	1,1-DCA	1,2-DCE	1,2-DCA	1,1,1-TCA	TCE	PCE	Vinyl-chloride	TDS
<b>MW-2</b>													
01/20/94	9.97	8.23	1.74	--	--	--	--	--	--	--	--	--	--
01/24/94	9.97	9.67	0.30	--	--	--	--	--	--	--	--	--	--
03/29/94	9.97	9.24	0.73	--	--	--	--	--	--	--	--	--	--
04/08/94	9.97	9.08	0.89	--	--	--	--	--	--	--	--	--	--
04/08/94	9.97	9.17	0.80	--	--	--	--	--	--	--	--	--	--
03/20/95	9.97	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
06/29/95	9.97	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
09/08/95	9.97	8.26	1.71	--	--	--	--	--	--	--	--	--	--
03/25/96	--	--	--	No longer monitored or sampled									
<b>MW-4</b>													
01/20/94	14.14	9.15	4.99	--	--	--	--	--	--	--	--	--	--
01/24/94	14.14	9.62	4.52	--	--	--	--	--	--	--	--	--	--
03/29/94	14.14	9.74	4.40	--	--	--	--	--	--	--	--	--	--
04/08/94	14.14	9.69	4.45	--	--	--	--	--	--	--	--	--	--
04/08/94	14.14	9.74	4.40	--	--	--	--	--	--	--	--	--	--
03/20/95	14.14	10.71	3.43	--	--	--	--	--	--	--	--	--	--
06/29/95	14.14	10.16	3.94	--	--	--	--	--	--	--	--	--	--
09/08/95	14.14	9.31	4.83	--	--	--	--	--	--	--	--	--	--
12/18/95	14.14	9.94	4.20	--	--	--	--	--	--	--	--	--	--
03/25/96	14.14	9.87	4.27	--	<0.5	5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/18/96	14.14	10.14	4.00	--	<0.5	3.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
<b>MW-5</b>													
01/20/94	13.51	9.91	3.60	--	--	--	--	--	--	--	--	--	--
01/24/94	13.51	10.98	2.53	--	--	--	--	--	--	--	--	--	--
03/29/94	13.51	10.65	2.86	--	--	--	--	--	--	--	--	--	--
04/08/94	13.51	10.35	3.16	--	--	--	--	--	--	--	--	--	--
04/08/94	13.51	10.41	3.10	--	--	--	--	--	--	--	--	--	--
03/20/95	13.51	--	--	--	--	--	--	--	--	--	--	--	--
06/29/95	13.51	10.56	3.15	--	--	--	--	--	--	--	--	--	--
09/08/95	13.51	9.73	3.78	--	--	--	--	--	--	--	--	--	--
12/18/95	13.51	11.73	1.78	--	--	--	--	--	--	--	--	--	--
03/25/96	13.51	9.41	4.10	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/18/96	13.51	9.62	3.89	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	1,1-DCE	1,1-DCA	1,2-DCE	1,2-DCA	1,1,1-TCA	TCE	PCE	Vinyl-chloride	TDS (ppm)
<b>MW-8</b>													
01/20/94	13.11	9.55	3.56	--	--	--	--	--	--	--	--	--	--
01/24/94	13.11	12.71	0.40	--	--	--	--	--	--	--	--	--	--
03/29/94	13.11	10.56	2.55	--	--	--	--	--	--	--	--	--	--
04/08/94	13.11	10.18	2.93	--	--	--	--	--	--	--	--	--	--
04/08/94	13.11	10.16	2.95	--	--	--	--	--	--	--	--	--	--
03/20/95	13.11	12.66	0.45	--	--	--	--	--	--	--	--	--	--
06/29/95	13.11	10.47	2.40	--	--	--	--	--	--	--	--	--	--
09/08/95	13.11	9.70	3.41	--	--	--	--	--	--	--	--	--	--
12/18/95	13.11	11.24	1.87	--	--	--	--	--	--	--	--	--	--
03/25/96	13.11	10.51	2.60	--	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/18/96	13.11	10.42	2.69	--	<0.5	5.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
<b>MW-10</b>													
03/20/95	11.92	9.20	2.72	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	3600
06/29/95	11.92	6.85	4.67	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	1800
09/08/95	11.92	6.64	5.28	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/18/95	11.92	5.29	6.63	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/25/96	11.92	7.30	4.62	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/18/96	11.92	7.27	4.65	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	1,1-DCE	1,1-DCA	1,2-DCE	1,2-DCA	1,1,1-TCA	TCE	PCE	Vinyl-chloride	TDS (ppm)
<b>EB</b>													
09/08/95	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/18/95	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/25/96	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/18/96	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--

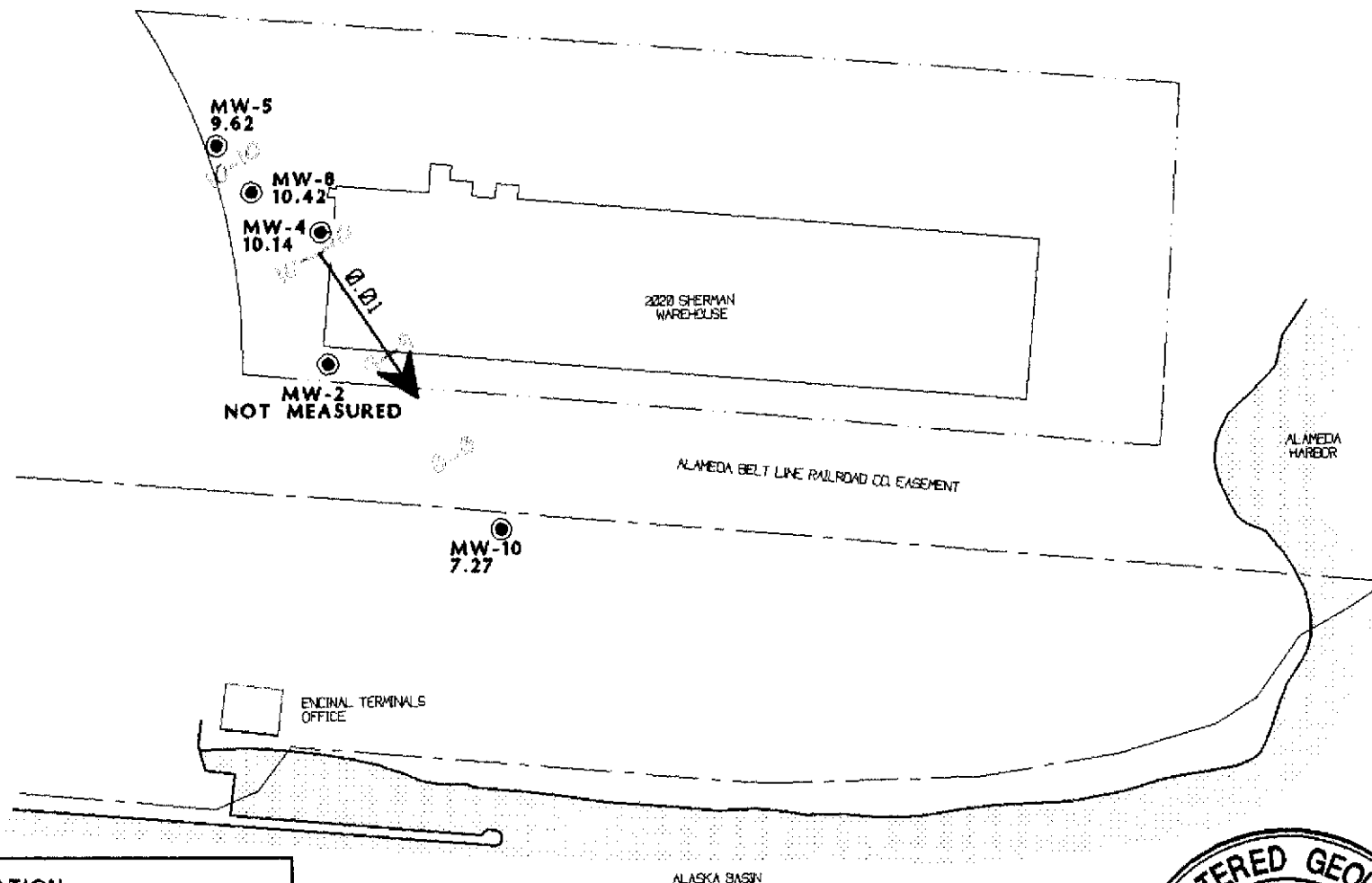
Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on September 8, 1995. Earlier field data and analytical results are drawn from the August 28, 1995 Geomatrix Consultants, Inc. report.

**ABBREVIATIONS:**

1,1-DCE = 1,1-Dichloroethene  
 1,1-DCA = 1,1-Dichloroethane  
 1,2-DCE = 1,2-Dichloroethene  
 1,2-DCA = 1,2-Dichloroethane  
 1,1,1-TCA = 1,1,1-Trichloroethane

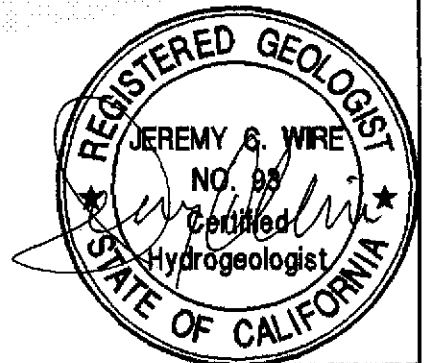
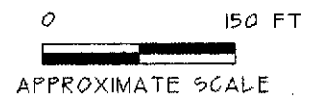
TCE = Trichloroethene  
 PCE = Tetrachloroethene  
 TDS = Total Dissolved Solids  
 ppm = parts per million

# **Professional Engineering Appendix**



**EXPLANATION**

- MW-10 ● GROUND-WATER MONITORING WELL
- 7.27 GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 10 GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
- 0.01 → APPROXIMATE DIRECTION OF GROUND-WATER FLOW



NOTES:

TITLE : GROUND-WATER ELEVATION CONTOUR MAP - JUNE 16, 1996  
 LOCATION : ENCINAL TERMINALS 2020 SHERMAN AVENUE, ALAMEDA, CALIFORNIA  
 SOURCE : KISTER SAVIO AND REI INC. PROPERT (APRIL 1994)



GEOCONSULTANTS, INC  
 SAN JOSE, CALIFORNIA  
 Project No. G758-00  
 DRWG NO: W061896 REV:



# **Analytical Appendix**



# Inchcape Testing Services

## Anamatrix Laboratories

1961 Concourse Drive  
Suite E  
San Jose, CA 95131  
Tel: 408-432-8192  
Fax: 408-432-8198

MR. KENT BROWN  
BLAINE TECH SERVICES INC.  
985 TIMOTHY STREET  
SAN JOSE, CA 95133

Workorder # : 9606188  
Date Received : 06/19/96  
Project ID : 960618-V-2  
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMATRIX ID	CLIENT SAMPLE ID
9606188- 1	MW-4
9606188- 2	MW-5
9606188- 3	MW-8
9606188- 4	MW-10
9606188- 5	EB-1

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Jane Wakita  
Project Manager

6-25-96  
Date

This report consists of 14 pages.



## GC VOA REPORT DESCRIPTION

### Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Inchcape Testing Services ID number.

### Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "\*", and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

### Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "\*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

### Qualifiers

Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the reported amount exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

### REPORTING CONVENTIONS

- " Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- " Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY  
INCHCAPE, INC. (408)432-8192

MR. KENT BROWN  
BLAINE TECH SERVICES INC.  
985 TIMOTHY STREET  
SAN JOSE, CA 95133

Workorder # : 9606188  
Date Received : 06/19/96  
Project ID : 960618-V-2  
Purchase Order: N/A  
Department : GC  
Sub-Department: VOA

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9606188- 1	MW-4	WATER	06/18/96	8010
9606188- 2	MW-5	WATER	06/18/96	8010
9606188- 3	MW-8	WATER	06/18/96	8010
9606188- 4	MW-10	WATER	06/18/96	8010
9606188- 5	EB-1	WATER	06/18/96	8010

REPORT SUMMARY  
INCHCAPE, INC. (408)432-8192

MR. KENT BROWN  
BLAINE TECH SERVICES INC.  
985 TIMOTHY STREET  
SAN JOSE, CA 95133

Workorder # : 9606188  
Date Received : 06/19/96  
Project ID : 960618-V-2  
Purchase Order: N/A  
Department : GC  
Sub-Department: VOA

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

M. Hassenio 6/25/96  
Department Supervisor Date

Kamel G. Ramel 6/25/96  
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
 ANAMETRIX, INC. (408)432-8192

Project ID : 960618-V  
 Sample ID : MW-4  
 Matrix : WATER  
 Date Sampled : 6/18/96  
 Date Analyzed : 6/25/96  
 Instrument ID : HP24

Anamatrix ID : 9606188-01  
 Analyst : *KK*  
 Supervisor : *SL*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	3.5	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
ANAMETRIX, INC. (408)432-8192

Project ID : 960618-V  
Sample ID : MW-5  
Matrix : WATER  
Date Sampled : 6/18/96  
Date Analyzed : 6/25/96  
Instrument ID : HP24

Anamatrix ID : 9606188-02  
Analyst : *kk*  
Supervisor : *sh*  
Dilution Factor : 1.0  
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
 ANAMETRIX, INC. (408)432-8192

Project ID : 960618-V  
 Sample ID : MW-8  
 Matrix : WATER  
 Date Sampled : 6/18/96  
 Date Analyzed : 6/25/96  
 Instrument ID : HP24

Anamatrix ID : 9606188-03  
 Analyst :  
 Supervisor : *sl*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	5.4	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U



ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
 ANAMETRIX, INC. (408)432-8192

Project ID : 960618-V  
 Sample ID : MW-10  
 Matrix : WATER  
 Date Sampled : 6/18/96  
 Date Analyzed : 6/25/96  
 Instrument ID : HP24

Anamatrix ID : 9606188-04  
 Analyst : *kk*  
 Supervisor : *rs*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
ANAMETRIX, INC. (408)432-8192

Project ID : 960618-V  
Sample ID : EB-1  
Matrix : WATER  
Date Sampled : 6/18/96  
Date Analyzed : 6/25/96  
Instrument ID : HP24

Anamatrix ID : 9606188-05  
Analyst :  
Supervisor : *sh kh*  
Dilution Factor : 1.0  
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010  
 ANAMETRIX, INC. (408)432-8192

Project ID : 960618  
 Sample ID : VBLKC1  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Analyzed : 6/24/96  
 Instrument ID : HP24

Anamatrix ID : BU2403I1  
 Analyst : *ku*  
 Supervisor : *sl*  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	UU
75-01-4	Vinyl chloride	.50	ND	UUU
74-83-9	Bromomethane	.50	ND	UUUU
75-00-3	Chloroethane	.50	ND	UUUUU
75-69-4	Trichlorofluoromethane	.50	ND	UUUUUU
76-13-1	Trichlorotrifluoroethane	.50	ND	UUUUUUU
75-35-4	1,1-Dichloroethene	.50	ND	UUUUUUU
75-09-2	Methylene chloride	1.0	ND	UUUUUUU
156-60-5	trans-1,2-Dichloroethene	.50	ND	UUUUUUU
75-34-3	1,1-Dichloroethane	.50	ND	UUUUUUU
156-59-2	cis-1,2-Dichloroethene	.50	ND	UUUUUUU
67-66-3	Chloroform	.50	ND	UUUUUUU
71-55-6	1,1,1-Trichloroethane	.50	ND	UUUUUUU
56-23-5	Carbon tetrachloride	.50	ND	UUUUUUU
107-06-2	1,2-Dichloroethane	.50	ND	UUUUUUU
79-01-6	Trichloroethene	.50	ND	UUUUUUU
78-87-5	1,2-Dichloropropane	.50	ND	UUUUUUU
75-27-4	Bromodichloromethane	.50	ND	UUUUUUU
10061-01-5	cis-1,3-Dichloropropene	.50	ND	UUUUUUU
10061-02-6	trans-1,3-Dichloropropene	.50	ND	UUUUUUU
79-00-5	1,1,2-Trichloroethane	.50	ND	UUUUUUU
127-18-4	Tetrachloroethene	.50	ND	UUUUUUU
124-48-1	Dibromochloromethane	.50	ND	UUUUUUU
108-90-7	Chlorobenzene	.50	ND	UUUUUUU
75-25-2	Bromoform	.50	ND	UUUUUUU
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	UUUUUUU
541-73-1	1,3-Dichlorobenzene	.50	ND	UUUUUUU
106-46-7	1,4-Dichlorobenzene	.50	ND	UUUUUUU
95-50-1	1,2-Dichlorobenzene	.50	ND	UUUUUUU

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8010  
ANAMETRIX, INC. (408)432-8192

Project ID : 960618-V  
Matrix : LIQUID

Anamatrix ID : 9606188  
Analyst :  
Supervisor : *DL*

	SAMPLE ID	SU1	SU2	SU3
1	VBLKC1	80	96	102
2	MW-4	83	93	97
3	MW-5	78	94	98
4	MW-8	80	94	94
5	MW-10	78	91	96
6	EB-1	79	93	99
7				
8				
9				
10				
11				
12				
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25				
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27				
28				
29				
30				

QC LIMITS

-----  
 SU1 = Bromochloromethane (33-141)  
 SU2 = 1-Chloro-2-fluorobenze (53-125)  
 SU3 = 2-Bromochlorobenzene (60-118)

\* Values outside of Anamatrix QC limits



# BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE  
SAN JOSE, CA 95133  
(408) 995-5535  
FAX (408) 293-8773

## CONDUCT ANALYSIS TO DETECT

LAB Inchcape DHS # \_\_\_\_\_  
ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND  
 EPA  RWQCB REGION \_\_\_\_\_  
 LIA  
 OTHER

CHAIN OF CUSTODY 960618-V-2  
CLIENT Pefer Wang  
SITE ENCINAL TERMINALS  
1521 Buena Vista Ave.  
Alameda, CA

C = COMPOSITE ALL CONTAINERS

EPA # 6010

9606188  
16

SPECIAL INSTRUCTIONS Invoice & Report to Blaine Tech Services  
ATTN: Kent Brown

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS		C = COMPOSITE ALL CONTAINERS	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
		TOTAL						
① MW-4	W	3	✓	✓				
② MW-5	W	3	✓	✓				
③ MW-8	W	3	✓	✓				
④ MW-10	W	3	✓	✓				
⑤ EB-1	W	3	✓	✓				

SAMPLING COMPLETED 6-18-96 DATE 1500 TIME  
SAMPLING PERFORMED BY F.A. VANDEWYBROEK  
RESULTS NEEDED NO LATER THAN Standard T.A.T.

RELEASED BY [Signature] DATE 6/19/96 TIME 1225 RECEIVED BY [Signature] DATE 6/19/96 TIME 1225

RELEASED BY [Signature] DATE 6/19/96 TIME 1600 RECEIVED BY [Signature] DATE 6/19/96 TIME 1600

RELEASED BY \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_ RECEIVED BY \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_

SHIPPED VIA \_\_\_\_\_ DATE SENT \_\_\_\_\_ TIME SENT \_\_\_\_\_ COOLER # \_\_\_\_\_



SAMPLE RECEIVING CHECKLIST			
Workorder Number: 9606788	Client Project ID: 960678-V-2	Quote Number:	
<b>Cooler</b>			
Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	N/A
Custody Seal on the outside of cooler? Condition: Intact <input type="checkbox"/> Broken <input type="checkbox"/>	YES	NO	N/A
Temperature of sample(s) within range? List temperatures of cooler(s): Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	YES	NO	N/A
<b>Samples</b>			
Chain of custody seal present for each container? Condition: Intact <input type="checkbox"/> Broken <input type="checkbox"/>	YES	NO	N/A
Samples arrived within holding time?	YES	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact <input checked="" type="checkbox"/> Broken <input type="checkbox"/> If NO, were samples transferred to proper container(s)? Yes <input type="checkbox"/> No <input type="checkbox"/>	YES	NO	
Were VOA containers received with zero headspace? If NO, were bubbles < 6 mm? Yes <input type="checkbox"/> No <input type="checkbox"/>	YES	NO	N/A
Were container labels complete? (ID, date, time, preservative)	YES	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt? Yes <input type="checkbox"/> No <input type="checkbox"/>	YES	NO	N/A
pH check of samples required at time of receipt? If YES, pH checked and recorded by:	YES	NO	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified? Yes <input type="checkbox"/> No <input type="checkbox"/>	YES	NO	
Field blanks received with sample batch?	YES	NO	N/A
Trip blanks received with sample batch?	YES	NO	N/A
<b>Chain of Custody</b>			
Chain of custody form received with samples?	YES	NO	
Has it been filled out completely and in ink?	YES	NO	
Sample IDs on chain of custody form agree with labels?	YES	NO	
Number of containers on chain agree with number received?	YES	NO	
Analysis methods specified?	YES	NO	
Sampling date and time indicated?	YES	NO	
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date? Yes <input type="checkbox"/> No <input type="checkbox"/>	YES	NO	
Turnaround time? Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>			

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: [Signature] Date: 6/19/96 Project Manager: W Date: 6-21-96