BLAINE
TECH SERVICES INC.

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

April 23, 1996

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

ATTN: Peter Wang

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

Monitoring Performed on March 25, 1996

Groundwater Sampling Report **960325-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.

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.

REGISTERED GEOLOGIST
JOHN K. HOFER
NO. 1065
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

John K. Hofer, CEG
Engineering Geologist EG-1065
Geoconsultants, Inc.

JPK/mc

attachments: Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Professional Engineering 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
MW-2													
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									
MW-4													
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	--
MW-5													
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	--

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)
MW-8													
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	--
MW-10													
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	--
EB													
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	--

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

Analytical Appendix

Inchcape Testing Services
Environmental 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 # : 9603209
Date Received : 03/26/96
Project ID : 960325-V-2
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9603209- 1	MW-4
9603209- 2	MW-5
9603209- 3	MW-8
9603209- 4	MW-10
9603209- 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.

Laura Valida
Project Manager

4-2-96
Date

This report consists of 13 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 # : 9603209
Date Received : 03/26/96
Project ID : 960325-V-2
Purchase Order: N/A
Department : GC
Sub-Department: VOA

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9603209- 1	MW-4	WATER	03/25/96	8010
9603209- 2	MW-5	WATER	03/25/96	8010
9603209- 3	MW-8	WATER	03/25/96	8010
9603209- 4	MW-10	WATER	03/25/96	8010
9603209- 5	EB-1	WATER	03/25/96	8010

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

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

Workorder # : 9603209
Date Received : 03/26/96
Project ID : 960325-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. Hosseinion 4/11/96
Department Supervisor Date

Kamel G. Kamel 4/11/96
Chemist Date

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

Project ID : 960325-V
Sample ID : MW-4
Matrix : WATER
Date Sampled : 3/25/96
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : 9603209-01
Analyst : KK
Supervisor : DH

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	5.0	
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
110-75-8	2-Chloroethylvinylether	1.0	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 : 960325-V
Sample ID : MW-5
Matrix : WATER
Date Sampled : 3/25/96
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : 9603209-02
Analyst : RL
Supervisor : DR

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
110-75-8	2-Chloroethylvinylether	1.0	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 : 960325-V
Sample ID : MW-8
Matrix : WATER
Date Sampled : 3/25/96
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : 9603209-03
Analyst : tk
Supervisor : NA
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	2.6	
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
110-75-8	2-Chloroethylvinylether	1.0	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 : 960325-V
Sample ID : MW-10
Matrix : WATER
Date Sampled : 3/25/96
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : 9603209-04
Analyst : KL
Supervisor : DL

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
110-75-8	2-Chloroethylvinylether	1.0	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 : 960325-V
Sample ID : EB-1
Matrix : WATER
Date Sampled : 3/25/96
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : 9603209-05
Analyst : KL
Supervisor : [illegible]
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
110-75-8	2-Chloroethylvinylether	1.0	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 : 960325
Sample ID : VBLKB1
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : BM2802I1
Analyst : KK
Supervisor : DL

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
110-75-8	2-Chloroethylvinylether	1.0	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

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

Project ID : 960325-V
Matrix : LIQUID

Anametrix ID : 9603209
Analyst : KC
Supervisor : DH

	SAMPLE ID	SU1	SU2	SU3
1	VBLKB1	80	93	91
2	MW-8	85	98	95
3	MW-4	91	99	105
4	MW-8 MS	89	107	103
5	MW-8 MSD	90	108	102
6	MW-5	84	96	98
7	MW-10	85	97	98
8	EB-1	82	93	88
9				
10				
11				
12				
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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 Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : 960325-V
Sample ID : MW-8
Matrix : WATER
Date Sampled : 3/25/96
Date Analyzed : 3/28/96
Instrument ID : HP24

Anametrix ID : 9603209-03
Analyst : KK
Supervisor : DH

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
Trichlorotrifluoroethan	10.0	.0	10.3	103	42-111
1,1-Dichloroethene	10.0	.0	10.6	106	47-128
trans-1,2-Dichloroethen	10.0	.0	10.3	103	63-110
1,1-Dichloroethane	10.0	2.6	12.3	97	72-128
cis-1,2-Dichloroethene	10.0	.0	10.2	102	62-126
1,1,1-Trichloroethane	10.0	.0	9.8	98	65-128
Trichloroethene	10.0	.0	10.1	101	64-115
Tetrachloroethene	10.0	.0	10.8	108	64-111
Chlorobenzene	10.0	.0	10.0	100	75-124
1,3-Dichlorobenzene	10.0	.0	10.5	105	68-119
1,4-Dichlorobenzene	10.0	.0	10.3	103	72-125
1,2-Dichlorobenzene	10.0	.0	10.5	105	70-131

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
Trichlorotrifluoroethan	10.0	9.4	94	10	16	42-111
1,1-Dichloroethene	10.0	9.7	97	9	14	47-128
trans-1,2-Dichloroethen	10.0	9.3	93	10	12	63-110
1,1-Dichloroethane	10.0	11.3	88	10	12	72-128
cis-1,2-Dichloroethene	10.0	9.5	95	7	17	62-126
1,1,1-Trichloroethane	10.0	9.0	90	8	25	65-128
Trichloroethene	10.0	9.1	91	10	24	64-115
Tetrachloroethene	10.0	9.9	99	9	12	64-111
Chlorobenzene	10.0	9.5	95	5	10	75-124
1,3-Dichlorobenzene	10.0	9.8	98	8	9	68-119
1,4-Dichlorobenzene	10.0	9.9	99	4	9	72-125
1,2-Dichlorobenzene	10.0	10.1	101	5	9	70-131

* Value is outside of Anametrix QC limits

RPD: 0 out of 12 outside limits
Spike Recovery: 0 out of 24 outside limits

EPA METHOD 8010
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE

Sample ID: LAB CONTROL SAMPLE
Batch: 3209
Matrix: WATER
Date Analyzed: 3/28/96

Laboratory ID: MM2801I1
Instrument ID: HP24
Concentration Units: ug/L
Analyst: KE
Supervisor:

COMPOUND NAME	SPIKE AMOUNT	LCS REC	%REC LCS	%RECOVERY LIMITS
Trichlorotrifluoroethane	10	10.4	104%	65-116
1,1-Dichloroethene	10	11.3	113%	64-125
trans-1,2-Dichloroethene	10	10.9	109%	77-113
1,1-Dichloroethane	10	11.3	113%	85-129
cis-1,2-Dichloroethene	10	10.5	105%	78-130
1,1,1-Trichloroethane	10	9.8	98%	83-125
Trichloroethene	10	10.0	100%	76-124
Tetrachloroethene	10	10.0	100%	80-118
Chlorobenzene	10	9.7	97%	81-130
1,3-Dichlorobenzene	10	10.4	104%	82-115
1,4-Dichlorobenzene	10	10.2	102%	85-122
1,2-Dichlorobenzene	10	10.2	102%	86-122

SURROGATE NAME	SPIKE AMT	SURR. REC	% REC	% REC LIMITS
Bromochloromethane	5	4.4	88%	33-141
1-Chloro-2-fluorobenzene	5	4.8	96%	53-125
2-Bromochlorobenzene	5	4.7	94%	60-118

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9603209 **Client Project ID:** 960325-V-2

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact ____ Broken ____	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): 4° 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

Samples

Chain of custody seal present for each container? Condition: Intact ____ Broken ____	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact ✓ Broken ____ If NO, were samples transferred to proper container(s)?	(YES)	NO	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody?	(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	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)	NO	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	YES	NO	(N/A)

Chain of Custody

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)	NO	
Turnaround time? Standard ✓ Rush ____			

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

Sample Custodian: hh Date: 3/26/96 Project Manager: MW Date: 3-26-96

BLAINE TECH SERVICES INC.

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

CHAIN OF CUSTODY 960325-V-2

CLIENT Peter Wang

SITE 1521 Buena Vista Ave
Alameda, CA
Alameda

LAB ANAMETRIX 9603209 (16) DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION _____
☐ LIA
☐ OTHER

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

CONDUCT ANALYSIS TO DETECT

C = COMPOSITE ALL CONTAINERS

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		C	8010							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
(1) MW-4	W	3	VOAs		✓										
(2) MW-5	W	3			✓										
(3) MW-8	W	3			✓										
(4) MW-10	W	3			✓										
(5) EB-1	W	3			✓										

SAMPLING COMPLETED	DATE	TIME
	3-25-96	1400

SAMPLING PERFORMED BY F.A. VAN DEN BROECK

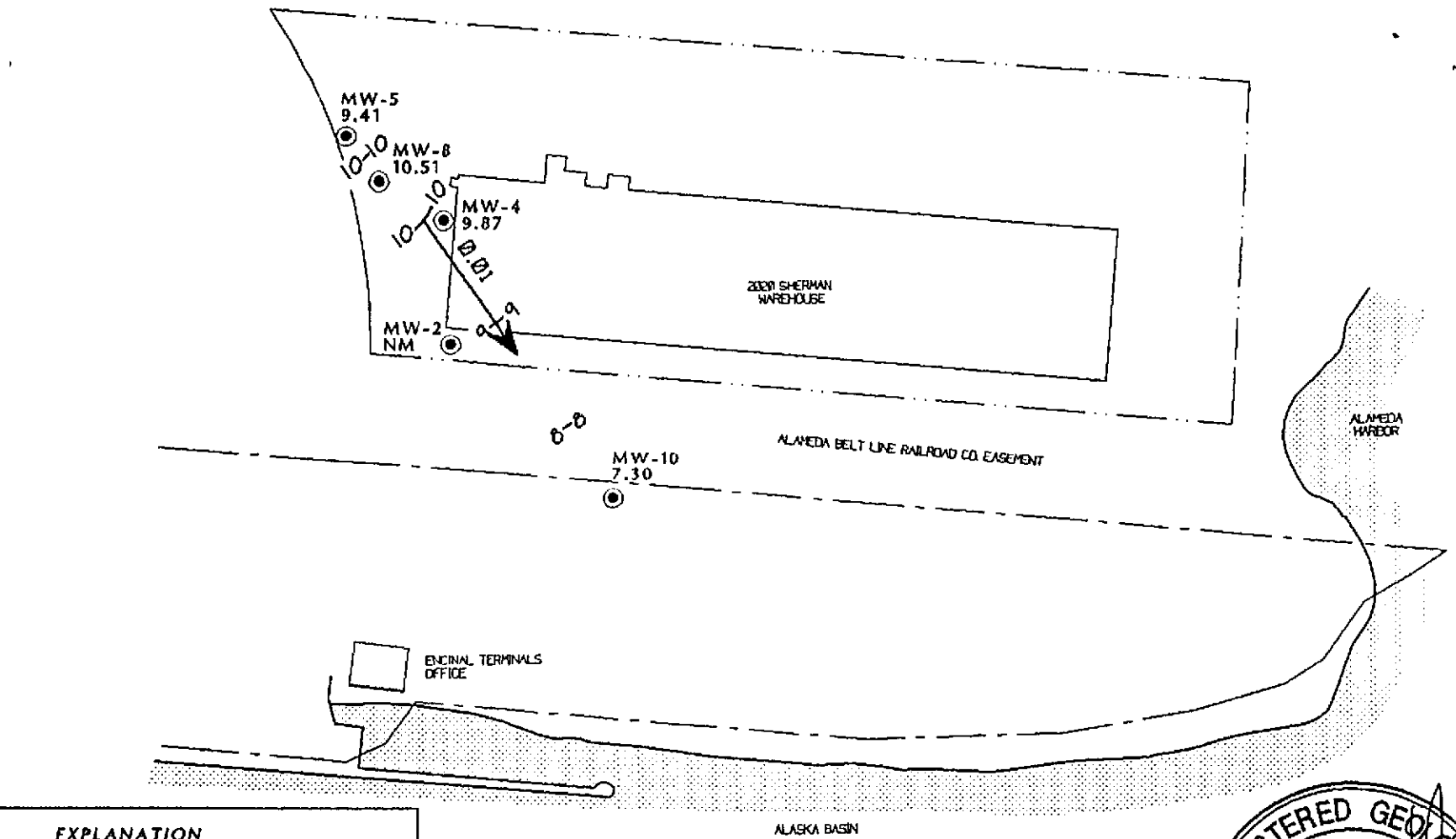
RESULTS NEEDED NO LATER THAN Pauline

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	3/26/96	1205	[signature]	3/26/96	1205
[signature]	3/26/96	1217	[signature]	3/26/96	12:17

4°

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

Professional Engineering Appendix



EXPLANATION

MW-10 ◉	GROUND-WATER MONITORING WELL
7.30	GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
NM	NOT MEASURED
—9	GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
0.01 →	APPROXIMATE DIRECTION OF GROUND-WATER FLOW

0 150 FT

APPROXIMATE SCALE

N

REGISTERED GEOLOGIST
JOHN K. HOFER
NO. 1065
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

TITLE : GROUND-WATER ELEVATION CONTOUR MAP - MARCH 25, 1996

LOCATION : ENCINAL TERMINALS
2020 SHERMAN AVENUE, ALAMEDA, CALIFORNIA

SOURCE : KISTER SAVIO AND REI INC. PRPOERTY (APRIL 1994)

GEOCONSULTANTS, INC
SAN JOSE, CALIFORNIA
Project No. G758-09
DRWG NO: W032596A REV: