

August 2, 1990
Project 4454/3

Ms. Millie Allred
The Plymouth Group
1616 N. Shoreline Blvd.
Mountain View, California 94043-1316

Subject: Supplemental Ground Water Quality Data
Sunnyside Commons II
Hayward, California

Dear Ms. Allred:

As agreed we have performed supplemental ground water sampling and testing at the Sunnyside Commons II site in Hayward. The primary objective of this work was to confirm that the pesticide impact is minor and localized.

Terratech's two previous reports on this site (February 16 and June 26, 1990) have discussed the issues surrounding a former shallow well at the southeastern property corner. The open well apparently allowed pesticide overspray to impact the ground water. The well has since been closed.

WORK PERFORMED

On May 17, 1990 an environmental geologist from our staff purged and sampled monitoring wells MW-2, MW-3 and MW-4 using individual Teflon bailers. The three bailers had been steam-cleaned at our office prior to travelling to the site. The well locations are shown on Figure 1.

During purging pH, conductivity and temperature readings were taken until consecutive readings indicated that water being drawn into the wells had stabilized. Approximately 5 to 6 well volumes were extracted from each well and final readings of the stabilization parameters were within ± 0.06 pH units, ± 0.9 °F and ± 22 micromhos/cm.

The samples were placed in containers supplied by the laboratory (two amber colored one-liter bottles), which were immediately labeled and iced. Standard chain-of-custody records were kept to document sample collection, handling and analytical requests (see Appendix). Extracted ground water was containerized in labeled 55-gallon drums and left on-site.

The ground water samples were transported to Anametrix, Inc., a state certified laboratory in San Jose, for analysis by EPA Method 8080 for organochlorine pesticides and polychlorinated biphenyls (PCB).

FINDINGS

A summary of water level measurements in Sunnyside Commons II wells is presented in the following table:

<u>LOCATION & DATE</u>	<u>CASING ELEVATION</u>	<u>DEPTH TO WATER</u>	<u>WATER ELEVATION</u>
MW-2			
5/18/90	33.48'	13.78'	19.70'
7/17/90	33.48'	14.04'	19.44'
MW-3			
5/18/90	36.51'	16.52'	19.99'
7/17/90	36.51'	16.72'	19.79'
MW-4			
6/11/90	--- *	15.83'	---
7/17/90	---	16.35'	---

* Elevation yet to be surveyed.

Laboratory analysis of the ground water sample collected from MW-3 confirm that a trace amount of Endosulfan compounds is present in the ground water. No detectable pesticides were found in either the MW-2 or MW-4 samples. Table 1 presents a cumulative summary of the ground water analysis results for this property. By convention concentrations are presented in parts per billion (ppb); 1000 ppb = 1 ppm. The laboratory report is appended.

COMMENTS AND OPINIONS

Concurrently to Terratech's supplemental work described herein, the project health risk consultant - Environmental Risk Sciences (ERS) - computed a conservative water quality value (equivalent to California's drinking water standards) for Endosulfan. The value ERS derived was 1.75 ppb for the sum of the three Endosulfan compounds (see Appendix C of the project Health Risk Assessment report).

Since the measured concentrations at MW-3, immediately adjacent to the source point (SW-1), have been less than half of this water quality value, we do not see the need for cleanup actions.



LIMITATIONS

This report and the associated work have been provided in accordance with the general principles and practices currently employed in the environmental consulting profession. This is in lieu of all warranties, express or implied.

Our opinions and comments have been primarily based on data obtained from limited subsurface exploration, sampling and testing. Data from future work may lead to modifications thereof.

Report Prepared by:

TERRATECH, INC.



Eric R. Lautenbach
CE 42437

cc: Lester Feldman, California Regional Water Quality Control Board
Pam Evans, Alameda County Health Agency
Hugh Murphy, Hayward Fire Department



TABLE 1

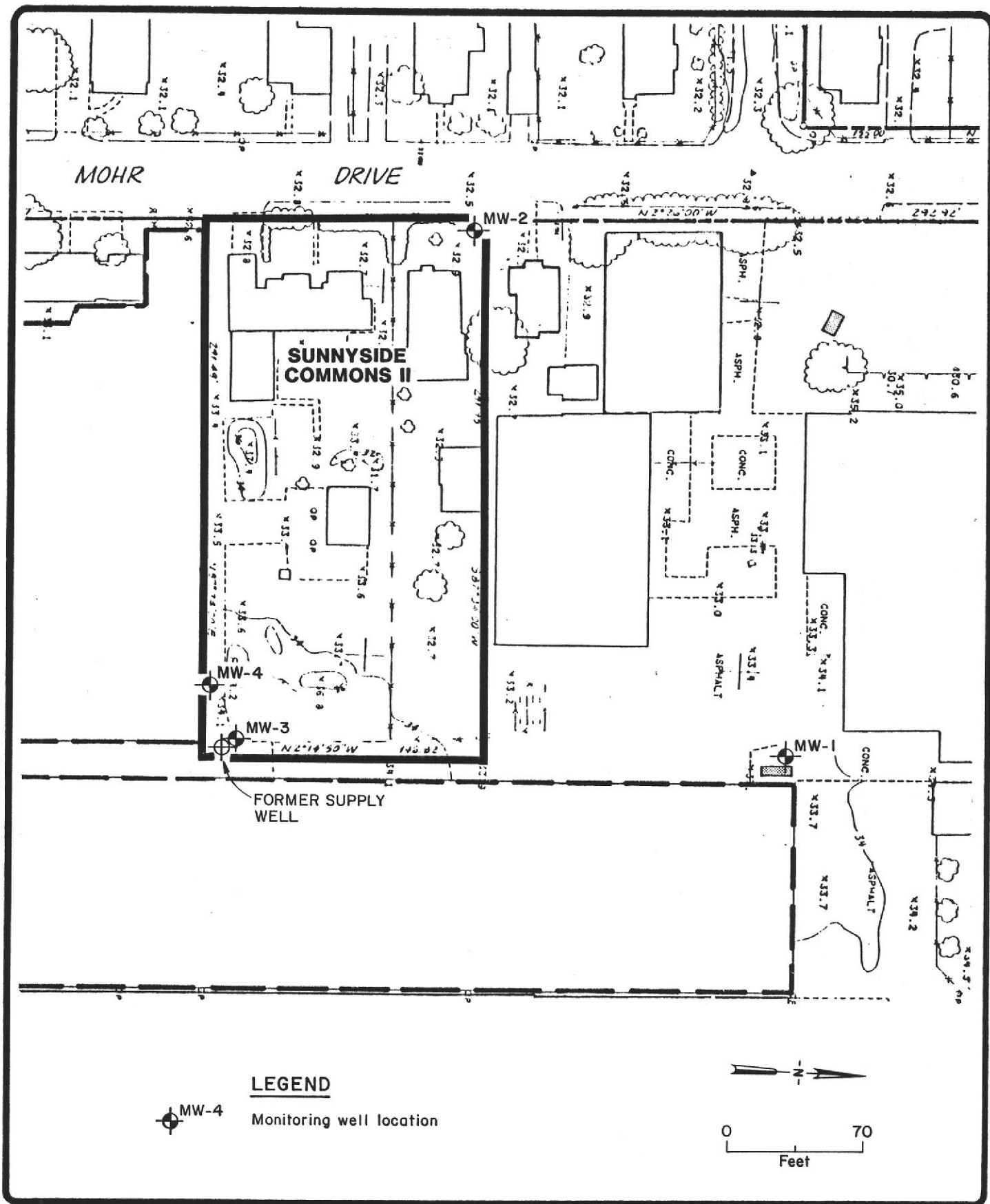
CUMULATIVE SUMMARY OF GROUND WATER SAMPLE ANALYSIS RESULTS
CHLORINATED PESTICIDESSUNNYSIDE COMMONS II
Hayward, California


SAMPLE LOCATION	DATE COLLECTED (1990)	DDD (ppb)	ENDOSULFAN I (ppb)	ENDOSULFAN II (ppb)	ENDOSULFAN SULFATE (ppb)	OTHERS * (ppb)
SW-1	1/25	< 0.5	5.0	4.5	5.1	N.D.
MW-2	7/17	< 0.1	< 0.05	< 0.1	< 0.1	N.D.
MW-3	5/18	< 0.1	0.37	0.17	0.16	N.D.
	7/17	< 0.1	0.15	0.50	< 0.1	N.D.
MW-4	6/11	0.14	< 0.1	< 0.1	< 0.1	N.D.
	7/17	< 0.1	< 0.1	< 0.1	< 0.1	N.D.

NOTES: * - EPA Method 8080 compounds.

N.D. - Not detected; see laboratory reports for detection limits.





August 1990

TERRATECH

SUNNYSIDE COMMONS II
 HAYWARD, CALIFORNIA

SITE PLAN

FIGURE
 I
PROJECT
 4454/3

APPENDIX
ANALYTICAL LABORATORY REPORT
AND
CHAIN-OF-CUSTODY RECORDS



1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

July 27, 1990

Mr. Eric Lautenbach
TERRATECH, INC.
1365 Vander Way
San Jose, CA 95112

TERRATECH
JUL 31 1990
RECEIVED

Project Number: 4454/3
Anamatrix Workorder: 9007118

Dear Mr. Lautenbach:

Enclosed is the reissued Certified Analytical Report (CAR) that you requested. After review of your request, we have determined that a re-issued CAR is in order because of the following reason(s):

The beta-BHC reported for the samples was due to a false positive, which eluted within the correct retention time window on two separate columns. The peak was not present in the method blank. Further cleanup using concentrated sulfuric acid eliminated the peak. Acid clean up of hexane spiked with 0.02 ng/ μ L of beta-BHC yielded 98% recovery.

Thank you for your patience. If there is anything more that we can do, please contact me immediately.

Sincerely,

ANAMETRIX, INC.

Sarah R. Schoen, Ph.D.
Laboratory Manager

SRS/dm/3486

Enclosure

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 4454/3 MW-2
 Matrix : WATER
 Date sampled : 07/17/90
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anamatrix I.D. : 9007118-01
 Analyst : FH
 Supervisor : ST
 Date released : 07/20/90
 Volume ext. : 850ml
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/l)	Amount Found (ug/l)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	ND
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	ND
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	ND
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	24-154%	111%

ND : Not detected at or above the practical quantitation limit for the method.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 4454/3 MW-3
 Matrix : WATER
 Date sampled : 07/17/90
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anamatrix I.D. : 9007118-02
 Analyst : FH
 Supervisor : ST
 Date released : 07/20/90
 Volume ext. : 700ml
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/l)	Amount Found (ug/l)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	ND
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	0.15
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	0.5
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	24-154%	98%

ND : Not detected at or above the practical quantitation limit for the method.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 4454/3 MW-4
 Matrix : WATER
 Date sampled : 07/17/90
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anamatrix I.D. : 9007118-03
 Analyst : FH
 Supervisor : ST
 Date released : 07/20/90
 Volume ext. : 840ml
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/l)	Amount Found (ug/l)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	ND
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	ND
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	ND
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	24-154%	116%

ND : Not detected at or above the practical quantitation limit for the method.

ANAMETRIX INC

Environmental & Analytical Chemistry
1961 Concourse Drive, Suite E, San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

**REPORT****TERRATECH****JUL 25 1990****RECEIVED**

Eric Lautenbach
Terratech, Inc. - San Jose
1365 Vander Way
San Jose, CA 95112

July 20, 1990
Anamatrix W.O.#: 9007118
Date Received : 07/17/90
Purchase Order#: 8475

Dear Mr Lautenbach:

Your samples have been received for analysis. The REPORT SUMMARY lists your sample identifications and the analytical methods you requested. The following sections are included in this report: RESULTS and QUALITY ASSURANCE.

NOTE: Amounts reported are net values, i.e. corrected for method blank contamination.

If there is any more that we can do, please give us a call. Thank you for using ANAMETRIX, INC.

Sincerely,

Sarah Schoen, Ph.D.
Laboratory Manager

SRS/dag

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

Client : Terratech, Inc. - San Jose
Address : 1365 Vander Way
City : San Jose, CA 95112
Attn. : Eric Lautenbach

Anamatrix W.O.#: 9007118
Date Received : 07/17/90
Purchase Order#: 8475
Project No. : 4454/3
Date Released : 07/20/90

Anamatrix I.D.	Sample I.D.	Matrix	Date Sampled	Method	Date Extract	Date Analyzed	Inst I.D.
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RESULTS

9007118-01	MW-2	WATER	07/17/90	8080	07/17/90	07/19/90	HP5A
9007118-02	MW-3	WATER	07/17/90	8080	07/17/90	07/19/90	HP5A
9007118-03	MW-4	WATER	07/17/90	8080	07/17/90	07/19/90	HP5A

QUALITY ASSURANCE (QA)

PWBLO71790	METHOD BLANK	WATER	N/A	8080	07/17/90	07/19/90	HP5A
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 4454/3 MW-2
 Matrix : WATER
 Date sampled : 07/17/90
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anamatrix I.D. : 9007118-01
 Analyst : *EM*
 Supervisor : *SM*
 Date released : 07/20/90
 Weight ext. : 850ml
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	0.10
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	ND
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	ND
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	24-154%	111%

ND : Not detected at or above the practical quantitation limit for the method.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 4454/3 MW-3
 Matrix : WATER
 Date sampled : 07/17/90
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anamatrix I.D. : 9007118-02
 Analyst : FH
 Supervisor : ~~SH~~
 Date released : 07/20/90
 Weight ext. : 700ml
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	0.06
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	0.15
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	0.5
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	24-154%	98%

ND : Not detected at or above the practical quantitation limit for the method.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 4454/3 MW-4
 Matrix : WATER
 Date sampled : 07/17/90
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anametrix I.D. : 9007118-03
 Analyst : C.H.
 Supervisor : JMS
 Date released : 07/20/90
 Weight ext. : 840ml
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	0.50
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	ND
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	ND
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	24-154%	116%

ND : Not detected at or above the practical quantitation limit for the method.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD BLANK
 Matrix : WATER
 Date sampled : N/A
 Date ext. : 07/17/90
 Date analyzed: 07/19/90
 Dilution : NONE

Anamatrix I.D. : PWBL071790
 Analyst : F.H.
 Supervisor : JMS
 Date released : 07/20/90
 Weight ext. : 1 LITER
 Instrument ID : HP5A

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
319-84-6	alpha-BHC	0.05	ND
319-85-7	beta-BHC	0.05	ND
58-89-9	gamma-BHC (Lindane)	0.05	ND
319-86-8	delta-BHC	0.05	ND
76-44-8	Heptachlor	0.05	ND
309-00-2	Aldrin	0.05	ND
1024-57-3	Heptachlor epoxide	0.05	ND
959-98-8	Endosulfan I	0.05	ND
72-55-9	p,p'-DDE	0.1	ND
60-57-1	Dieldrin	0.1	ND
72-20-8	Endrin	0.1	ND
72-54-8	p,p'-DDD	0.1	ND
33212-65-9	Endosulfan II	0.1	ND
50-29-3	p,p'-DDT	0.1	ND
7421-93-4	Endrin aldehyde	0.1	ND
1031-07-8	Endosulfan sulfate	0.1	ND
72-43-5	p,p'-Methoxychlor	0.1	ND
53494-70-5	Endrin ketone	0.1	ND
12789-03-6	Technical chlordane	0.5	ND
8001-35-2	Toxaphene	1	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1	ND
11096-82-5	Aroclor 1260	1	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchloroendate	24-154%	105%

ND : Not detected at or above the practical quantitation limit for the method.

ANAMETRIX, INC.
1961 Concourse Drive, #E, San Jose, CA. 95131
(408) 432-8192
LOG IN FORM and INTERNAL CHAIN OF CUSTODY

ANAMETRIX
workorder: # 9007118
report to: TERRATECH, INC. - SAN JOSE
1365 VANDER WAY
SAN JOSE, CA 95112

p.o #: 8475
project #: 4454/3

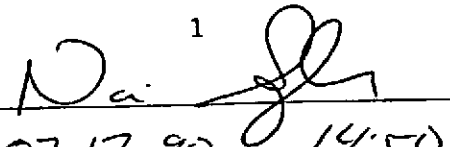
phone #: (408)297-6969
fax phone: (408)297-7716
attention: MR. ERIC LAUTENBACH

date received: 07/17/90
date due : 07/19/90

WORKORDER	SAMPLE ID	MATRIX	METHOD	FRIG ID#	CONTAINER	DATE SAMPLED
9007118- 1	MW-2	H2O	8080	10/19	2 X 1 LITER	07/17/90
9007118- 2	MW-3	H2O	8080	10/19	2 X 1 LITER	07/17/90
9007118- 3	MW-4	H2O	8080	10/19	2 X 1 LITER	07/17/90

COMMENTS : 2 DAY RUSH. THANKS NS.

Custodian's Signature

¹


Date/Time into Refrigerator

07-17-90 14:50

02/17
JN JN

9007118

10/18
10/19



TERRATECH

CHAIN OF CUSTODY RECORD

P.O. NO. 8475

TURNAROUND: 48-hour

PROJECT NUMBER: 4454/3						Number of Containers	Analysis Required										REMARKS	SAMPLE DEPTH			
SAMPLERS (signature): Thomas C. Morin							EPA 8080														
Station Number	Date	Time	Comp.	Grab	Station Location																
① MW-2	07-17-90				near Mohr	2 AMBERS	X														OK
② MW-3	07-17-90				NW of source	2 AMBERS	X														
③ MW-4	07-17-90				W of source	2 AMBERS	X														
Relinquished by (signature):			Date / Time			Received by (signature):			Relinquished by (signature):			Date / Time			Received by (signature):						
Company or Agency:						Company or Agency:			Company or Agency:			Company or Agency:			Company or Agency:						
Relinquished by (signature):			Date / Time			Received by (signature):			Relinquished by:			Date / Time			Received by (signature):						
Company or Agency:						Company or Agency:			Company or Agency:			01-17-90			Calvin Robinson ANAMETRIX						
Relinquished by (signature):			Date / Time			Received for Laboratory by (signature):			Date / Time			Remarks/Shipping Information									
Thomas C. Morin TERRATECH, INC.			7/17/90 14:40									Send reports to: Eric Lautenbach 1365 VANDER WAY, SAN JOSE 95112									