DRY WEATHER TESTING
CREEK

58

BRELJE AND RACE

LABORATORIES, INC.

425 SOUTH E STREET • SANTA ROSA, CALIFORNIA 95404 • (707) 544-8807

December 13, 2002

Sample Collected: 11/13/02
Sample Received 11/13/02
Collected By : Client

SonomaWest Holdings
2064 Hwy 116 North
Sebastopol, CA 95472

LOG NUMBER:	1102-23433-41	1102-23444-52
Sample Description:	Effluent	Atascadero Creek

ANALYSIS

Please see attached report.

*Analysis performed by an approved outside laboratory.

VERY TRULY YOURS,

BRELJE AND RACE LABORATORIES, INC.

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☑ KLS
☑ RLT ☐ LGR ☐ KAD
☐ NPQ ☐ RSG ☐ EJL
MSO

ANN HILL, LABORATORY MANAGER
AH:kdd

BRELJE AND RACE

CHAIN OF CUSTODY

Caltest

LABORATORIES, INC. 425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
11/13/02	8:46	none	4L Amber	ATASCADERO CREEK OFF MILL STATION ROAD	WW	CTR- EPA 608 + EPA 610	
11/13/02	8:48	none	"	" "	"	CTR- EPA 614 + EPA 625	
11/13/02	8:49	none	2-L Amber	" "	"	CTR Tributyltin	
11/13/02	8:52	none	1L Nalgene	" "	"	CTR- Asbestos	
11/13/02	8:54	"	1 pt. plastic	" "	"	CTR-HexCr- EPA 7196	
11/13/02	8:55	NaOH	1L Nalgene	" "	"	CTR Cyanide - EPA 335.2	
11/13/02	8:57	none	500 ml amber dark bagged	" "	"	CTR - EPA 1631	
11/13/02	9:01	HNO_3	500 ml plastic	" "	"	CTR Metals - EPA 200.8	
11/13/02	9:03	HCl	3-40mL VOA	" "	"	CTR EPA 624	
				Flow .32			

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
34.	Methyl Bromide	11/13/02	GRAB	11/18/02		ND	0.5	0.42		
35.	Methyl Chloride			11/18/02		ND	0.5	0.46		
36.	Methylene Chloride			11/18/02		ND	2.	0.4		
37.	1,1,2,2-Tetrachloroethane			11/18/02		ND	0.5	0.3		
38.	Tetrachloroethylene			11/18/02		ND	.05	.44		
39.	Toluene			11/18/02		ND	0.5	0.32		
40.	1,2-Trans-Dichloroethylene			11/18/02		ND	.05	.48		
41.	1,1,1-Trichloroethane			11/18/02		ND	0.5	0.49		
42.	1,1,2-Trichloroethane			11/18/02		ND	0.5	0.3		
43.	Trichloroethylene			11/18/02		ND	0.5	0.3		
44.	Vinyl Chloride			11/18/02		ND	0.5	0.47		
45.	2-Chlorophenol			11/21/02		ND	5.	0.6		
46.	2,4-Dichlorophenol			11/21/02		ND	5.	0.7		
47.	2,4-Dimethylphenol			11/21/02		ND	2.	0.9		
48.	2-Methyl-4,6-Dinitrophenol			11/21/02		ND	5.	0.9		
49.	2,4-Dinitrophenol			11/21/02		ND	5.	0.6		
50.	2-Nitrophenol			11/21/02		ND	5.	0.7		
51.	4-Nitrophenol			11/21/02		ND	5.	0.6		
52.	3-Methyl-4-Chlorophenol			11/21/02		ND	1.	0.5		
53.	Pentachlorophenol			11/21/02		ND	1.	.9		
54.	Phenol			11/21/02		ND	1.	0.4		
55.	2,4,6- Trichlorophenol			11/21/02		ND	5.	0.6		
56.	Acenaphthene			11/21/02		ND	0.3	0.17		
57.	Acenaphthylene			11/21/02		ND	0.2	0.03		
58.	Anthracene			11/21/02		ND	0.3	0.16		
59.	Benzidine			11/21/02		ND	5.0	1.		
60.	Benzo(a)Anthracene			11/21/02		ND	0.3	0.12		
61.	Benzo(a)Pyrene			11/21/02		ND	0.3	0.09		
62.	Benzo(b)Fluoranthene			11/21/02		ND	0.3	0.11		
63.	Benzo(ghi)Perylene			11/21/02		ND	0.1	0.06		
64.	Benzo(k)Fluoranthene			11/21/02		ND	0.3	0.16		

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
65.	Bis(2-Chloroethoxy) Methane	11/13/02	6R4S	11/21/02		ND	5.	29		
66.	Bis(2-Chloroethyl) Ether			11/21/02		ND	1.	0.7		
67.	Bis(2-Chloroisopropyl) Ether			11/21/02		ND	2.	0.6		
68.	Bis(2-Ethylhexyl) Phthalate			11/21/02		ND	5.	0.8		
69.	4-Bromophenyl Phenyl Ether			11/21/02		ND	5.	0.4		
70.	Butylbenzyl Phthalate			11/21/02		ND	.5	0.8		
71.	2-Chloronaphthalene			11/21/02		ND	5.	0.5		
72.	4-Chlorophenyl Phenyl Ether			11/21/02		ND	5.	0.5		
73.	Chrysene			11/21/02		ND	0.3	0.14		
74.	Dibenzo(a,h) Anthracene			11/21/02		ND	0.1	0.04		
75.	1, 2 Dichlorobenzene			11/21/02		ND	2.	0.6		
76.	1, 3 Dichlorobenzene			11/21/02		ND	1.	0.6		
77.	1, 4 Dichlorobenzene			11/21/02		ND	1.	0.6		
78.	3,3'-Dichlorobenzidine			11/21/02		ND	5.	0.3		
79.	Diethyl Phthalate			11/21/02		ND	2.	0.7		
80.	Dimethyl Phthalate			11/21/02		ND	2.	0.7		
81.	Di-n-Butyl Phthalate			11/21/02		ND	5.	1.		
82.	2,4-Dinitrotoluene			11/21/02		ND	5.	0.6		
83.	2,6-Dinitrotoluene			11/21/02		ND	5.	0.6		
84.	Di-n-Octyl Phthalate			11/21/02		ND	5.	0.9		
85.	1,2-Diphenylhydrazine			11/21/02		ND	1.	0.6		
86.	Fluoranthene			11/21/02		ND	0.5	0.03		
87.	Fluorene			11/21/02		ND	0.1	0.02		
88.	Hexachlorobenzene			11/21/02		ND	1.	0.4		
89.	Hexachlorobutadiene			11/21/02		ND	1.	0.7		
90.	Hexachlorocyclopentadiene			11/21/02		ND	5.	0.4		
91.	Hexachloroethane			11/21/02		ND	1.	0.6		

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
92.	Indeno(1,2,3-cd)Pyrene	11/13/02	Grab	11/21/02		ND	0.5	0.04		
93.	Isophorone			11/21/02		ND	1.	0.8		
94.	Naphthalene			11/21/02		ND	0.2	0.05		
95.	Nitrobenzene			11/21/02		ND	1.	0.7		
96.	N-Nitrosodimethylamine			11/21/02		ND	5.	0.6		
97.	N-Nitrosodi-n-Propylamine			11/21/02		ND	5.	0.8		
98.	N-Nitrosodiphenylamine			11/21/02		ND	1.	0.7		
99.	Phenanthrene			11/21/02		ND	0.05	0.03		
100.	Pyrene			11/21/02		ND	0.05	0.03		
101.	1,2,4-Trichlorobenzene			11/21/02		ND	5.	0.6		
102.	Aldrin			11/20/02		ND	0.005	0.003		
103.	alph-BHC			11/20/02		ND	0.01	0.003		
104.	beta-BHC			11/20/02		ND	0.005	0.004		
105.	gamma-BHC			11/20/02		ND	0.01	0.003		
106.	Delta-BHC			11/20/02		ND	0.005	0.002		
107.	Chlordane			11/20/02		ND	0.02	0.005		
108.	4,4'-DDT			11/20/02		ND	0.01	0.003		
109.	4,4'-DDE			11/20/02		ND	0.01	0.002		
110.	4,4'-DDD			11/20/02		ND	0.01	0.002		
111.	Dieldrin			11/20/02		ND	0.01	0.002		
112.	alpha-Endosulfan			11/20/02		ND	0.01	0.002		
113.	beta-Endosulfan			11/20/02		ND	0.01	0.002		
114.	Endosulfan Sulfate			11/20/02		ND	0.01	0.002		
115.	Endrin			11/20/02		ND	0.01	0.002		
116.	Endrin Aldehyde			11/20/02		ND	0.01	0.002		
117.	Heptachlor			11/20/02		ND	0.01	0.003		
118.	Heptachlor Epoxide			11/20/02		ND	0.01	0.003		
119-125	Polychlorinated biphenyls (PCBs)	↓	↓	11/20/02		ND	0.01	0.03 - 0.07		
126.	Toxaphene			11/20/02		ND	0.5	0.4		

Mike,

Hope you can read these - all are NO on your report. Please call me if you have any questions -

Ann

April 3, 2003

Fax Transmittal

To: Ann Hill

From: Mike Babbini @ Sonoma West Holdings

Subject: Missing lab results from CA Toxic Rule

Dear Ann:

The following list represents the Constituents that I cannot find lab results for. I have searched the Cahest Report of Analytical Results and have not found:

1. Chlorodibromomethane — Dibromochloromethane
2. Dichlorobromomethane — Bromodichloromethane
3. 1,1-Dichloroethylene — 1-1- Dichloroethene
4. 1,3-Dichloropropylene — total of cis + trans - 1,3- Dichloropropene
5. Tetrachloroethylene — Tetrachloroethene
6. 1,2-Trans-Dichloroethylene — trans-1,2- Dichloroethene
7. Trichloroethylene — Trichloroethene
8. Butylbenzyl Phthalate - Benzylbutylphthalate

I have checked the results several times and either have overlooked these, or may be they have another name that I am not aware of.

Thanks,

Mike Babbini

BRELJE AND RACE

LABORATORIES, INC. 425 SOUTH E STREET • SANTA ROSA, CALIFORNIA 95404 • (707) 544-8807

FAX # 544-5736

DAY WEATHER TEST

December 4, 2002

Sample Collected: 11/13/02
Sample Received: 11/13/02
Collected By : Client

SonomaWest Holdings
2064 Hwy 116 North
Sebastopoi, CA 95472

LOG NUMBER	**1102-23442**	**1102-23453**
Sample Description:	Effluent	Atascadero Creek
ANALYSIS		
pH	6.4	7.1
Total Hardness as CaCO3 mg/L	460.	94.
Salinity mg/L	1.0%	<1.0%
FLOW RATE		.38 cfm

VERY TRULY YOURS,

BRELJE AND RACE LABORATORIES, INC.

Ann Hill

ANN HILL, LABORATORY MANAGER
AH:kdd

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☐ _____
☐ RLT ☐ LGR ☐ KAD _____
☐ NPO ☐ RSG ☐ EJL _____

LAB ORDER No.: C110453

REPORT of ANALYTICAL RESULTS

Report Date: 26 NOV 2002
Received Date: 13 NOV 2002

Client: Ann Hill
Brelje and Race
425 South E. St.
Santa Rosa, CA 95404

Project: 1102-23444,45 & 1102-23448 THRU 1102-23452

Sampled by: CLIENT

Lab Number	Sample Identification	Matrix	Sampled Date/Time
C110453-1	1102-23444	AQUEOUS	13 NOV 02
C110453-2	1102-23445	AQUEOUS	13 NOV 02
C110453-5	1102-23448	AQUEOUS	13 NOV 02
C110453-6	1102-23449	AQUEOUS	13 NOV 02
C110453-7	1102-23450	AQUEOUS	13 NOV 02
C110453-8	1102-23451	AQUEOUS	13 NOV 02
C110453-9	1102-23452	AQUEOUS	13 NOV 02

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☐
☐ RLT ☐ LGR ☐ KAD
☐ NPQ ☐ RSG ☐ EJL

Michael P. Hamilton
Project Manager

Christine Horn
Laboratory Director

Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
'D.F.' means Dilution Factor and has been used to adjust the listed Reporting Limit (R.L.).
Acceptance Criteria for all Surrogate recoveries are defined in the QC Spike Data Reports.
Caltest collects samples in compliance with CFR 40, EPA Methods, Cal. Title 22, and Standard Methods.

INORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: C110453-5									
SAMPLE ID: 1102-23448									
SAMPLED: 13 NOV 02									
Chromium (VI)	ND	10.	0.9	ug/L	1	SM3500CR D	11.13.02	I020113CR6	1,2
LAB NUMBER: C110453-6									
SAMPLE ID: 1102-23449									
SAMPLED: 13 NOV 02									
Cyanide, total	J1.2	3.	0.9	ug/L	1	335.2	11.18.02	I020132CYA	1,3
LAB NUMBER: C110453-7									
SAMPLE ID: 1102-23450									
SAMPLED: 13 NOV 02									
Mercury, Trace Level	0.0043	0.0005	0.00024	ug/L	1	1631B	11.22.02	A021398MER	1,4
LAB NUMBER: C110453-8									
SAMPLE ID: 1102-23451									
SAMPLED: 13 NOV 02									
Antimony	ND	0.5	0.2	ug/L	1	200.8	11.19.02	A021375IMS	1,2,5
Arsenic	3.1	0.5	0.2	ug/L	1	200.8	11.21.02	A021375IMS	1,5
Beryllium	ND	0.1	0.06	ug/L	1	200.8	11.19.02	A021375IMS	1,2,5
Cadmium	ND	0.1	0.03	ug/L	1	200.8	11.19.02	A021375IMS	1,2,5
Chromium	ND	0.5	0.2	ug/L	1	200.8	11.19.02	A021375IMS	1,2,5
Copper	2.0	0.5	0.3	ug/L	1	200.8	11.19.02	A021375IMS	1,5
Lead	0.41	0.25	0.04	ug/L	1	200.8	11.19.02	A021375IMS	1,5
Nickel	6.0	0.5	0.2	ug/L	1	200.8	11.19.02	A021375IMS	1,5
Selenium	J0.6	1.	0.5	ug/L	1	200.8	11.20.02	A021376IMS	1,3,6
Silver	ND	0.1	0.02	ug/L	1	200.8	11.19.02	A021375IMS	1,2,5
Thallium	ND	0.1	0.03	ug/L	1	200.8	11.19.02	A021375IMS	1,2,5
Zinc	2.	1.	0.3	ug/L	1	200.8	11.21.02	A021375IMS	1,5

1) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
2) Analyte was not detected at or above the Method Detection Limit (MDL).
3) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.
4) Sample Preparation on 11-21-02 using 1631B
5) Sample Preparation on 11-15-02 using 200.8
6) Sample Preparation on 11-18-02 using 200.8

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: C110453-1								
SAMPLE ID: 1102-23444								
SAMPLED: 13 NOV 02								
METHOD: EPA 608								
CHLORINATED PESTICIDES & PCBS					1	11.20.02	T020324OCP	1,2,3,4
Aldrin	ND	0.005	0.003	ug/L				
alpha-BHC	ND	0.01	0.003	ug/L				
beta-BHC	ND	0.005	0.004	ug/L				
gamma-BHC (Lindane)	ND	0.01	0.003	ug/L				
delta-BHC	ND	0.005	0.002	ug/L				
Chlordane	ND	0.02	0.005	ug/L				
p,p'-DDD	ND	0.01	0.002	ug/L				
p,p'-DDE	ND	0.01	0.002	ug/L				
p,p'-DDT	ND	0.01	0.003	ug/L				
Dieldrin	ND	0.01	0.002	ug/L				
Endosulfan I	ND	0.01	0.002	ug/L				
Endosulfan II	ND	0.01	0.002	ug/L				
Endosulfan Sulfate	ND	0.01	0.002	ug/L				
Endrin	ND	0.01	0.002	ug/L				
Endrin Aldehyde	ND	0.01	0.002	ug/L				
Endrin Ketone	ND	0.01	0.002	ug/L				
Heptachlor	ND	0.01	0.003	ug/L				
Heptachlor Epoxide	ND	0.01	0.003	ug/L				
Methoxychlor	ND	0.01	0.003	ug/L				
Toxaphene	ND	0.5	0.4	ug/L				
PCB 1016	ND	0.1	0.05	ug/L				
PCB 1221	ND	0.1	0.03	ug/L				
PCB 1232	ND	0.1	0.04	ug/L				
PCB 1242	ND	0.1	0.05	ug/L				
PCB 1248	ND	0.1	0.05	ug/L				
PCB 1254	ND	0.1	0.07	ug/L				
PCB 1260	ND	0.1	0.05	ug/L				
Surrogate TCMX	55.			%				
Surrogate Decachlorobiphenyl	64.			%				
LAB NUMBER: C110453-1 (continued)								
SAMPLE ID: 1102-23444								
SAMPLED: 13 NOV 02								
METHOD: EPA 610								
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)					1	11.21.02	R020140PAH	2,3,5,6
Acenaphthene	ND	0.3	0.17	ug/L				

1) Sample Preparation on 11-13-02 using EPA 608
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).
5) Sample Preparation on 11-15-02 using EPA 610

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: C110453-1 (continued)								
SAMPLE ID: 1102-23444								
SAMPLED: 13 NOV 02								
METHOD: EPA 610								
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) (continued)					1	11.21.02	R020140PAH	
Acenaphthylene	ND	0.2	0.03	ug/L				
Anthracene	ND	0.3	0.16	ug/L				
Benzo(a)anthracene	ND	0.3	0.12	ug/L				
Benzo(a)pyrene	ND	0.3	0.09	ug/L				
Benzo(b)fluoranthene	ND	0.3	0.11	ug/L				
Benzo(ghi)perylene	ND	0.1	0.06	ug/L				
Benzo(k)fluoranthene	ND	0.3	0.16	ug/L				
Chrysene	ND	0.3	0.14	ug/L				
Dibenzo(a,h)anthracene	ND	0.1	0.04	ug/L				
Fluoranthene	ND	0.05	0.03	ug/L				
Fluorene	ND	0.1	0.02	ug/L				
Indeno(1,2,3-cd)pyrene	ND	0.05	0.04	ug/L				
Naphthalene	ND	0.2	0.05	ug/L				
Phenanthrene	ND	0.05	0.03	ug/L				
Pyrene	ND	0.05	0.03	ug/L				
Surrogate p-Terphenyl	68.			%				
LAB NUMBER: C110453-2								
SAMPLE ID: 1102-23445								
SAMPLED: 13 NOV 02								
METHOD: EPA 614								
ORGANOPHOSPHOROUS PESTICIDES					1	11.21.02	T020323OPP	7,8,9
Chlorpyrifos (Dursban)	ND	0.5	0.2	ug/L				
Demeton - O and - S	ND	0.5	0.3	ug/L				
Diazinon	ND	0.6	0.3	ug/L				
Disulfoton (Di-Syston)	ND	1.	0.3	ug/L				
Ethion	ND	0.5	0.2	ug/L				
Azinphos methyl (Guthion)	ND	2.5	0.6	ug/L				
Parathion methyl	ND	1.	0.2	ug/L				
Malathion	ND	0.5	0.2	ug/L				
Parathion (Ethyl Parathion)	ND	0.5	0.2	ug/L				
Surrogate-Tributylphosphate	64.			%				

... notes continued from prior page ...

6) The sample was analyzed following alumina column cleanup (EPA Method 3611).

7) Sample Preparation on 11-13-02 using EPA 614

8) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).

9) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: C110453-2 (continued)								
SAMPLE ID: 1102-23445								
SAMPLED: 13 NOV 02								
METHOD: EPA 614								
ORGANOPHOSPHOROUS PESTICIDES (continued)					1	11.21.02	T0203230PP	
Surrogate-Triphenylphosphate	70.			%				
LAB NUMBER: C110453-2 (continued)								
SAMPLE ID: 1102-23445								
SAMPLED: 13 NOV 02								
METHOD: EPA 625								
SEMIVOLATILE ORGANIC COMPOUNDS					1	11.21.02	S020101BNA	1,2,3
Benzidine	ND	5.	1.	ug/L				
Benzylbutylphthalate	ND	5.	0.8	ug/L				
4-Bromophenyl phenyl ether	ND	5.	0.4	ug/L				
bis(2-chloroethoxy)methane	ND	5.	0.9	ug/L				
bis(2-chloroethyl)ether	ND	1.	0.7	ug/L				
bis(2-chloroisopropyl)ether	ND	2.	0.6	ug/L				
2-Chloronaphthalene	ND	5.	0.5	ug/L				
4-Chlorophenyl phenyl ether	ND	5.	0.5	ug/L				
Di-n-butylphthalate	ND	5.	1.	ug/L				
3,3-Dichlorobenzidine	ND	5.	0.3	ug/L				
Diethyl phthalate	ND	2.	0.7	ug/L				
Dimethyl phthalate	ND	2.	0.7	ug/L				
1,2-Dichlorobenzene	ND	2.	0.6	ug/L				
1,3-Dichlorobenzene	ND	1.	0.6	ug/L				
1,4-Dichlorobenzene	ND	1.	0.6	ug/L				
2,4-Dinitrotoluene	ND	5.	0.6	ug/L				
2,6-Dinitrotoluene	ND	5.	0.6	ug/L				
Di-n-octylphthalate	ND	5.	0.9	ug/L				
1,2-Diphenylhydrazine	ND	1.	0.6	ug/L				
bis(2-Ethylhexyl)phthalate	ND	5.	0.8	ug/L				
Hexachlorobenzene	ND	1.	0.4	ug/L				
Hexachlorobutadiene	ND	1.	0.7	ug/L				
Hexachlorocyclopentadiene	ND	5.	0.4	ug/L				
Hexachloroethane	ND	1.	0.6	ug/L				
Isophorone	ND	1.	0.8	ug/L				
Nitrobenzene	ND	1.	0.7	ug/L				
N-Nitrosodimethylamine	ND	5.	0.6	ug/L				

1) Sample Preparation on 11-15-02 using EPA 625
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: C110453-2 (continued)								
SAMPLE ID: 1102-23445								
SAMPLED: 13 NOV 02								
METHOD: EPA 625								
SEMIVOLATILE ORGANIC COMPOUNDS (continued)					1	11.21.02	S020101BNA	
N-Nitrosodiphenylamine	ND	1.	0.7	ug/L				
N-Nitrosodi-n-propylamine	ND	5.	0.8	ug/L				
1,2,4-Trichlorobenzene	ND	5.	0.6	ug/L				
4-Chloro-3-methylphenol	ND	1.	0.5	ug/L				
2-Chlorophenol	ND	5.	0.6	ug/L				
2,4-Dichlorophenol	ND	5.	0.7	ug/L				
2,4-Dimethylphenol	ND	2.	0.9	ug/L				
2,4-Dinitrophenol	ND	5.	0.6	ug/L				
2-Methyl-4,6-dinitrophenol	ND	5.	0.9	ug/L				
2-Nitrophenol	ND	5.	0.7	ug/L				
4-Nitrophenol	ND	5.	0.6	ug/L				
Pentachlorophenol	ND	1.	.9	ug/L				
Phenol	ND	1.	0.4	ug/L				
2,4,6-Trichlorophenol	ND	5.	0.6	ug/L				
Surrogate Nitrobenzene-d5	58.			%				
Surrogate 2-Fluorobiphenyl	39.			%				
Surrogate Terphenyl-d14	95.			%				
Surrogate 2-Fluorophenol	35.			%				
Surrogate Phenol-d6	NC			%				
Surrogate 2,4,6-Tribromophenol	75.			%				
LAB NUMBER: C110453-9								
SAMPLE ID: 1102-23452								
SAMPLED: 13 NOV 02								
METHOD: EPA 624								
VOLATILE ORGANIC COMPOUNDS					1	11.18.02	V020133MSB	1,2,3
Acrolein	ND	5.	1.	ug/L				
Acrylonitrile	ND	2.	1.	ug/L				
Benzene	ND	0.5	0.3	ug/L				
Bromodichloromethane	ND	0.5	0.2	ug/L				
Bromoform	ND	0.5	0.2	ug/L				
Bromomethane (Methyl Bromide)	ND	0.5	0.42	ug/L				
Carbon Tetrachloride	ND	0.5	0.42	ug/L				
Chlorobenzene	ND	0.5	0.3	ug/L				

1) Sample Preparation on 11-18-02 using EPA 624
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110453

LAB NUMBER: C110453-9 (continued)
SAMPLE ID: 1102-23452
SAMPLED: 13 NOV 02
METHOD: EPA 624

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
VOLATILE ORGANIC COMPOUNDS (continued)					1	11.18.02	V020133MSB	
Chloroethane (Ethyl Chloride)	ND	0.5	0.34	ug/L				
2-Chloroethylvinyl ether	ND	1.	0.32	ug/L				
Chloroform	ND	0.5	0.31	ug/L				
Chloromethane (Methyl Chloride)	ND	0.5	0.46	ug/L				
Dibromochloromethane	ND	0.5	0.3	ug/L				
1,2-Dichlorobenzene	ND	0.5	0.2	ug/L				
1,3-Dichlorobenzene	ND	0.5	0.3	ug/L				
1,4-Dichlorobenzene	ND	0.5	0.3	ug/L				
Dichlorodifluoromethane (F-12)	ND	0.5	0.3	ug/L				
1,1-Dichloroethane	ND	0.5	0.34	ug/L				
1,2-Dichloroethane (EDC)	ND	0.5	0.2	ug/L				
1,1-Dichloroethene	ND	0.5	0.49	ug/L				
cis-1,2-Dichloroethene	ND	0.5	0.44	ug/L				
trans-1,2-Dichloroethene	ND	0.5	0.43	ug/L				
1,2-Dichloropropane	ND	0.5	0.2	ug/L				
cis-1,3-Dichloropropene	ND	0.5	0.2	ug/L				
trans-1,3-Dichloropropene	ND	0.5	0.3	ug/L				
Dichlorotrifluoroethane (F-123)	ND	0.5	0.4	ug/L				
Ethylbenzene	ND	0.5	0.4	ug/L				
Methylene Chloride	ND	2.	0.4	ug/L				
Methyl tert-Butyl Ether (MTBE)	ND	0.5	0.3	ug/L				
1,1,2,2-Tetrachloroethane	ND	0.5	0.3	ug/L				
Tetrachloroethene (PCE)	ND	0.5	0.44	ug/L				
Toluene	ND	0.5	0.32	ug/L				
1,1,1-Trichloroethane (TCA)	ND	0.5	0.49	ug/L				
1,1,2-Trichloroethane	ND	0.5	0.3	ug/L				
Trichloroethene (TCE)	ND	0.5	0.3	ug/L				
Trichlorofluoromethane (F-11)	ND	0.5	0.48	ug/L				
Trichlorotrifluoroethane (F-113)	ND	1.	0.3	ug/L				
Vinyl Chloride	ND	0.5	0.47	ug/L				
Xylenes (Total)	ND	0.5	0.4	ug/L				
Surrogate Dibromofluoromethane	88.			%				
Surrogate 1,2-DCA-d4	87.			%				
Surrogate Toluene-d8	90.			%				
Surrogate 4-BFB	97.			%				

LAB ORDER No.: C110453
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SUPPLEMENTAL QUALITY CONTROL (QC) DATA REPORT

Report Date: 26 NOV 2002
Received Date: 13 NOV 2002

Client: Ann Hill
Brelje and Race
425 South E. St.
Santa Rosa, CA 95404

Project: 1102-23444,45 & 1102-23448 THRU 1102-23452

QC Batch ID	Method	Matrix
A021375IMS	200.8	AQUEOUS
A021376IMS	200.8	AQUEOUS
A021398MER	1631B	AQUEOUS
I020113CR6	SM3500CR D	AQUEOUS
I020132CYA	335.2	AQUEOUS
R020140PAH	610	AQUEOUS
S020101BNA	625	AQUEOUS
T0203230PP	614	AQUEOUS
T0203240CP	608	AQUEOUS
V020133MSB	624	AQUEOUS

Michael P. Hamilton
Project Manager

Christine Horn
Laboratory Director

Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
Analyte Spike Amounts reported as 'NS' mean not spiked and will not have recoveries reported.
'RPD' means Relative Percent Difference and RPD Acceptance Criteria is stated as a maximum.
'NC' means not calculated for RPD or Spike Recoveries.

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: A021375IMS					
Antimony	ND	0.5	ug/L	11.19.02	
Arsenic	ND	0.5	ug/L	11.21.02	
Beryllium	ND	0.1	ug/L	11.19.02	
Cadmium	ND	0.1	ug/L	11.19.02	
Chromium	ND	0.5	ug/L	11.19.02	
Copper	ND	0.5	ug/L	11.19.02	
Lead	ND	0.25	ug/L	11.19.02	
Nickel	ND	0.5	ug/L	11.19.02	
Silver	ND	0.1	ug/L	11.19.02	
Thallium	ND	0.1	ug/L	11.19.02	
Zinc	ND	1.	ug/L	11.21.02	
QC BATCH: A021376IMS					
Selenium	ND	1.	ug/L	11.20.02	
QC BATCH: A021398MER					
Mercury, Trace Level	ND	0.0005	ug/L	11.22.02	
QC BATCH: I020113CR6					
Chromium (VI), Low Level	ND	0.002	mg/L	11.13.02	
QC BATCH: I020132CYA					
Cyanide, total	ND	0.003	mg/L	11.18.02	
QC BATCH: R020140PAH					
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)				11.20.02	1
Acenaphthene	ND	0.3	ug/L		
Acenaphthylene	ND	0.2	ug/L		
Anthracene	ND	0.3	ug/L		
Benzo(a)anthracene	ND	0.3	ug/L		
Benzo(a)pyrene	ND	0.1	ug/L		
Benzo(b)fluoranthene	ND	0.3	ug/L		
Benzo(ghi)perylene	ND	0.1	ug/L		
Benzo(k)fluoranthene	ND	0.3	ug/L		

1) The sample was analyzed following alumina column cleanup (EPA Method 3611).

LAB ORDER No.: C110453

METHOD BLANK ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: R020140PAH (continued)					
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) (continued)				11.20.02	
Chrysene	ND	0.3	ug/L		
Dibenzo(a,h)anthracene	ND	0.1	ug/L		
Fluoranthene	ND	0.05	ug/L		
Fluorene	ND	0.1	ug/L		
Indeno(1,2,3-cd)pyrene	ND	0.05	ug/L		
Naphthalene	ND	0.2	ug/L		
Phenanthrene	ND	0.05	ug/L		
Pyrene	ND	0.05	ug/L		
Surrogate p-Terphenyl	62.		%		
QC BATCH: S020101BNA					
SEMIVOLATILE ORGANIC COMPOUNDS				11.21.02	
Benzidine	ND	5.	ug/L		
Benzylbutylphthalate	ND	5.	ug/L		
4-Bromophenyl phenyl ether	ND	5.	ug/L		
bis(2-chloroethoxy)methane	ND	5.	ug/L		
bis(2-chloroethyl)ether	ND	1.	ug/L		
bis(2-chloroisopropyl)ether	ND	2.	ug/L		
2-Chloronaphthalene	ND	5.	ug/L		
4-Chlorophenyl phenyl ether	ND	5.	ug/L		
Di-n-butylphthalate	ND	5.	ug/L		
3,3-Dichlorobenzidine	ND	5.	ug/L		
Diethyl phthalate	ND	2.	ug/L		
Dimethyl phthalate	ND	2.	ug/L		
1,2-Dichlorobenzene	ND	2.	ug/L		
1,3-Dichlorobenzene	ND	1.	ug/L		
1,4-Dichlorobenzene	ND	1.	ug/L		
2,4-Dinitrotoluene	ND	5.	ug/L		
2,6-Dinitrotoluene	ND	5.	ug/L		
Di-n-octylphthalate	ND	5.	ug/L		
1,2-Diphenylhydrazine	ND	1.	ug/L		
bis(2-Ethylhexyl)phthalate	ND	5.	ug/L		
Hexachlorobenzene	ND	1.	ug/L		
Hexachlorobutadiene	ND	1.	ug/L		
Hexachlorocyclopentadiene	ND	5.	ug/L		
Hexachloroethane	ND	1.	ug/L		
Isophorone	ND	1.	ug/L		
Nitrobenzene	ND	1.	ug/L		
N-Nitrosodimethylamine	ND	5.	ug/L		
N-Nitrosodiphenylamine	ND	1.	ug/L		
N-Nitrosodi-n-propylamine	ND	5.	ug/L		
1,2,4-Trichlorobenzene	ND	5.	ug/L		

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: S020101BNA (continued)					
SEMIVOLATILE ORGANIC COMPOUNDS (continued)				11.21.02	
4-Chloro-3-methylphenol	ND	1.	ug/L		
2-Chlorophenol	ND	5.	ug/L		
2,4-Dichlorophenol	ND	5.	ug/L		
2,4-Dimethylphenol	ND	2.	ug/L		
2,4-Dinitrophenol	ND	5.	ug/L		
2-Methyl-4,6-dinitrophenol	ND	5.	ug/L		
2-Nitrophenol	ND	5.	ug/L		
4-Nitrophenol	ND	5.	ug/L		
Pentachlorophenol	ND	1.	ug/L		
Phenol	ND	1.	ug/L		
2,4,6-Trichlorophenol	ND	5.	ug/L		
Surrogate Nitrobenzene-d5	61.		%		
Surrogate 2-Fluorobiphenyl	36.		%		
Surrogate Terphenyl-d14	80.		%		
Surrogate 2-Fluorophenol	41.		%		
Surrogate Phenol-d6	32.		%		
Surrogate 2,4,6-Tribromophenol	72.		%		
QC BATCH: T0203230PP					
ORGANOPHOSPHOROUS PESTICIDES				11.20.02	1
Chlorpyrifos (Dursban)	ND	0.5	ug/L		
Demeton - O and - S	ND	0.5	ug/L		
Diazinon	ND	0.6	ug/L		
Disulfoton (Di-Syston)	ND	1.	ug/L		
Ethion	ND	0.5	ug/L		
Azinphos methyl (Guthion)	ND	2.5	ug/L		
Parathion methyl	ND	1.	ug/L		
Malathion	ND	0.5	ug/L		
Parathion (Ethyl Parathion)	ND	0.5	ug/L		
Surrogate-Tributylphosphate	65.		%		
Surrogate-Triphenylphosphate	71.		%		
QC BATCH: T0203240CP					
CHLORINATED PESTICIDES & PCBS				11.19.02	1,2
Aldrin	ND	0.005	ug/L		
alpha-BHC	ND	0.01	ug/L		
beta-BHC	ND	0.005	ug/L		

1) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
2) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: T0203240CP (continued)					
CHLORINATED PESTICIDES & PCBS (continued)				11.19.02	
gamma-BHC (Lindane)	ND	0.01	ug/L		
delta-BHC	ND	0.005	ug/L		
Chlordane	ND	0.02	ug/L		
p,p'-DDD	ND	0.01	ug/L		
p,p'-DDE	ND	0.01	ug/L		
p,p'-DDT	ND	0.01	ug/L		
Dieldrin	ND	0.01	ug/L		
Endosulfan I	ND	0.01	ug/L		
Endosulfan II	ND	0.01	ug/L		
Endosulfan Sulfate	ND	0.01	ug/L		
Endrin	ND	0.01	ug/L		
Endrin Aldehyde	ND	0.01	ug/L		
Endrin Ketone	ND	0.01	ug/L		
Heptachlor	ND	0.01	ug/L		
Heptachlor Epoxide	ND	0.01	ug/L		
Methoxychlor	ND	0.01	ug/L		
Toxaphene	ND	0.5	ug/L		
PCB 1016	ND	0.1	ug/L		
PCB 1221	ND	0.1	ug/L		
PCB 1232	ND	0.1	ug/L		
PCB 1242	ND	0.1	ug/L		
PCB 1248	ND	0.1	ug/L		
PCB 1254	ND	0.1	ug/L		
PCB 1260	ND	0.1	ug/L		
Surrogate TCMX	33.		%		
Surrogate Decachlorobiphenyl	73.		%		
QC BATCH: V020133MSB					
VOLATILE ORGANIC COMPOUNDS				11.18.02	
Acrolein	ND	5.	ug/L		
Acrylonitrile	ND	2.	ug/L		
Benzene	ND	0.5	ug/L		
Bromodichloromethane	ND	0.5	ug/L		
Bromoform	ND	0.5	ug/L		
Bromomethane (Methyl Bromide)	ND	0.5	ug/L		
Carbon Tetrachloride	ND	0.5	ug/L		
Chlorobenzene	ND	0.5	ug/L		
Chloroethane (Ethyl Chloride)	ND	0.5	ug/L		
2-Chloroethylvinyl ether	ND	1.	ug/L		
Chloroform	ND	0.5	ug/L		
Chloromethane (Methyl Chloride)	ND	0.5	ug/L		
Dibromochloromethane	ND	0.5	ug/L		

LAB ORDER No.: C110453

METHOD BLANK ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: V020133MSB (continued)					
VOLATILE ORGANIC COMPOUNDS (continued)				11.18.02	
1,2-Dichlorobenzene	ND	0.5	ug/L		
1,3-Dichlorobenzene	ND	0.5	ug/L		
1,4-Dichlorobenzene	ND	0.5	ug/L		
Dichlorodifluoromethane (F-12)	ND	0.5	ug/L		
1,1-Dichloroethane	ND	0.5	ug/L		
1,2-Dichloroethane (EDC)	ND	0.5	ug/L		
1,1-Dichloroethene	ND	0.5	ug/L		
cis-1,2-Dichloroethene	ND	0.5	ug/L		
trans-1,2-Dichloroethene	ND	0.5	ug/L		
1,2-Dichloropropane	ND	0.5	ug/L		
cis-1,3-Dichloropropene	ND	0.5	ug/L		
trans-1,3-Dichloropropene	ND	0.5	ug/L		
Dichlorotrifluoroethane (F-123)	ND	0.5	ug/L		
Ethylbenzene	ND	0.5	ug/L		
Methylene Chloride	ND	2.	ug/L		
Methyl tert-Butyl Ether (MTBE)	ND	0.5	ug/L		
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L		
Tetrachloroethene (PCE)	ND	0.5	ug/L		
Toluene	ND	0.5	ug/L		
1,1,1-Trichloroethane (TCA)	ND	0.5	ug/L		
1,1,2-Trichloroethane	ND	0.5	ug/L		
Trichloroethene (TCE)	ND	0.5	ug/L		
Trichlorofluoromethane (F-11)	ND	0.5	ug/L		
Trichlorotrifluoroethane (F-113)	ND	1.	ug/L		
Vinyl Chloride	ND	0.5	ug/L		
Xylenes (Total)	ND	0.5	ug/L		
Surrogate Dibromofluoromethane	87.		%		
Surrogate 1,2-DCA-d4	85.		%		
Surrogate Toluene-d8	92.		%		
Surrogate 4-BFB	98.		%		

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A021375IMS							
Antimony	20.0	21.7\	108\	80-120\20		11.19.02	
Arsenic	20.0	20.0\	100\	80-120\20		11.21.02	
Beryllium	20.0	20.1\	100\	80-120\20		11.19.02	
Cadmium	20.0	21.2\	106\	80-120\20		11.19.02	
Chromium	20.0	21.6\	108\	80-120\20		11.19.02	
Copper	20.0	20.9\	104\	80-130\20		11.19.02	
Lead	20.0	20.7\	104\	80-120\20		11.19.02	
Nickel	20.0	21.6\	108\	80-120\20		11.19.02	
Silver	20.0	19.2\	96\	80-120\20		11.19.02	
Thallium	20.0	20.3\	102\	80-120\20		11.19.02	
Zinc	20.0	20.9\	104\	80-120\20		11.21.02	
QC BATCH: A021376IMS							
Selenium	20.0	17.4\	87\	80-120\20		11.20.02	
QC BATCH: A021398MER							
Mercury, Trace Level	0.0200	0.0204\	102\	71-125\20		11.22.02	
QC BATCH: I020113CR6							
Chromium (VI), Low Level	0.0400	0.0400\	100\	75-125\20		11.13.02	
QC BATCH: I020132CYA							
Cyanide, total	0.040	0.0368\	92\	75-125\20		11.18.02	
QC BATCH: R020140PAH							
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)						11.20.02	1
Benzo(a)pyrene	4.00	2.8\	70\	31-105\			
Fluorene	4.00	2.35\	59\	28-74\			
Pyrene	4.00	3.18\	80\	40-93\			
Surrogate p-Terphenyl	4.00	3.71\	93\	59-114\			

1) The sample was analyzed following alumina column cleanup (EPA Method 3611).

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: S020101BNA							
SEMIVOLATILE ORGANIC COMPOUNDS						11.21.02	
1,4-Dichlorobenzene	50.0	14.5\	29\	10-100\			
2,4-Dinitrotoluene	50.0	37.5\	75\	30-130\			
N-Nitrosodi-n-propylamine	50.0	34.2\	68\	30-130\			
1,2,4-Trichlorobenzene	50.0	17.7\	35\	10-120\			
4-Chloro-3-methylphenol	100	54.7\	55\	10-130\			
2-Chlorophenol	100	51.7\	52\	25-120\			
4-Nitrophenol	100	35.5\	36\	20-120\			
Pentachlorophenol	100	70.4\	70\	20-140\			
Phenol	100	28.2\	28\	20-120\			
Surrogate Nitrobenzene-d5	50.0	30.2\	60\	20-120\			
Surrogate 2-Fluorobiphenyl	50.0	17.8\	36\	10-120\			
Surrogate Terphenyl-d14	50.0	35.8\	72\	30-130\			
Surrogate 2-Fluorophenol	100	39.9\	40\	20-120\			
Surrogate Phenol-d6	100	31.9\	32\	10-120\			
Surrogate 2,4,6-Tribromophenol	100	72.9\	73\	30-140\			
QC BATCH: T0203230PP							
ORGANOPHOSPHOROUS PESTICIDES						11.20.02	
Diazinon	3.00	2.16\	72\	40-140\			
Disulfoton (Di-Syston)	3.00	1.95\	65\	30-130\			
Azinphos methyl (Guthion)	3.00	1.68\	56\	30-130\			
Parathion methyl	3.00	2.10\	70\	30-130\			
Surrogate-Tributylphosphate	5.00	2.97\	59\	20-120\			
Surrogate-Triphenylphosphate	5.00	3.59\	72\	45-138\			
QC BATCH: T0203240CP							
CHLORINATED PESTICIDES & PCBS						11.19.02	1
Aldrin	0.200	0.106\	53\	30-130\25			
gamma-BHC (Lindane)	0.200	0.161\	80\	59-93\20			
p,p'-DDT	0.200	0.184\	92\	30-127\14			
Dieldrin	0.200	0.178\	89\	63-107\17			
Endrin	0.200	0.186\	93\	63-115\22			
Heptachlor	0.200	0.124\	62\	28-104\17			
Surrogate TCMX	0.200	0.0925\	46\	14-78\			
Surrogate Decachlorobiphenyl	0.200	0.176\	88\	38-115\			

1) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: V020133MSB							
VOLATILE ORGANIC COMPOUNDS						11.18.02	
Benzene	20.0	19.7\	98\	60-140\			
Chlorobenzene	20.0	19.8\	99\	60-130\			
1,1-Dichloroethene	20.0	19.9\	100\	60-130\			
Methyl tert-Butyl Ether (MTBE)	20.0	19.4\	97\	60-130\30			
Toluene	20.0	18.9\	94\	60-140\			
Trichloroethene (TCE)	20.0	20.3\	102\	60-130\			
Surrogate Dibromofluoromethane	12.0	10.1\	84\	60-130\			
Surrogate 1,2-DCA-d4	12.0	9.76\	81\	60-130\			
Surrogate Toluene-d8	12.0	11.1\	92\	60-130\			
Surrogate 4-BFB	12.0	12.0\	100\	55-145\			

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A021375IMS QC SAMPLE LAB NUMBER: C110463-1								
Antimony	ND	20.0	23.0\22.9	115\114	80-120\20	0.4	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Arsenic	1.28	20.0	23.9\23.1	113\109	80-120\20	3.4	11.21.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Beryllium	ND	20.0	17.1\17.7	86\88	80-120\20	3.4	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Cadmium	ND	20.0	20.9\21.0	104\105	80-120\20	0.5	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Chromium	1.96	20.0	19.6\20.1	88\90	80-120\20	2.5	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Copper	6.46	20.0	25.7\25.8	96\96	80-130\20	0.4	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Lead	0.531	20.0	23.4\20.4	114\100	80-120\20	14.	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Nickel	3.45	20.0	29.2\23.7	129\101	80-120\20	21.	11.19.02	1
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Silver	ND	20.0	18.3\18.4	92\92	80-120\20	0.5	11.19.02	
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Thallium	ND	20.0	19.8\19.9	99\100	80-120\20	0.5	11.19.02	

1) Matrix spike recovery(ies) and RPD outside control limit. Sample result accepted based on LCS and Method Blank.

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: C110453

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A021375IMS (continued)								
QC BATCH: A021375IMS (continued) QC SAMPLE LAB NUMBER: C110463-1								
Zinc	40.7	20.0	76.4\59.0	178\92	80-120\20	26.	11.21.02	1
QC BATCH: A021376IMS QC SAMPLE LAB NUMBER: C110446-1								
Selenium	ND	20.0	18.8\19.1	94\96	80-120\20	1.6	11.20.02	
QC BATCH: A021398MER QC SAMPLE LAB NUMBER: C110460-2								
Mercury, Trace Level	0.116	0.0200	0.145\0.214	145\490	71-125\20	38.	11.22.02	1
QC BATCH: I020113CR6 QC SAMPLE LAB NUMBER: C110425-1								
Chromium (VI), Low Level	0.0113	0.0400	0.0490\0.0490	94\94	75-125\20	0.0	11.13.02	
QC BATCH: I020132CYA QC SAMPLE LAB NUMBER: C110235-2								
Cyanide, total	J0.0018	0.040	0.0389\0.0395	93\94	75-125\20	1.5	11.18.02	

1) Matrix spike recovery(ies) and RPD outside control limit. Sample result accepted based on LCS and Method Blank.

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

LAB ORDER No.: C110458

REPORT of ANALYTICAL RESULTS

Report Date: 06 DEC 2002
Received Date: 13 NOV 2002

Client: Ann Hill
Brelje and Race
425 South E. St.
Santa Rosa, CA 95404

Project: 1102-23446 & 1102-23447

Sampled by: CLIENT

Lab Number	Sample Identification	Matrix	Sampled Date/Time
C110458-1	1102-23446	AQUEOUS	13 NOV 02
C110458-2	1102-23447	AQUEOUS	13 NOV 02

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☐
☐ RLT ☐ LGR ☐ KAD
☐ NPQ ☐ RSG ☐ EJL

Michael P. Hamilton
Project Manager

Christine Horn
Laboratory Director

CALTEST authorizes this report to be reproduced only in its entirety.
Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
'D.F.' means Dilution Factor and has been used to adjust the listed Reporting Limit (R.L.).
Acceptance Criteria for all Surrogate recoveries are defined in the QC Spike Data Reports.
Caltest collects samples in compliance with CFR 40, EPA Methods, Cal. Title 22, and Standard Methods.

LAB ORDER No.: C110458

INORGANIC ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: C110458-2 SAMPLE ID: 1102-23447 SAMPLED: 13 NOV 02								
Asbestos	RR			1				1,2

1) Analysis performed by EMSL Analytical, ELAP certification # 1620.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: C110458

LAB NUMBER: C110458-1
SAMPLE ID: 1102-23446
SAMPLED: 13 NOV 02
METHOD: .

ANALYTE	RESULT	R.L.	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
Tributyltin	RR			1			1,2

1) Analysis performed by Severn Trent Labs, Tacoma WA (STL), NELAP Cert 01170CA.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

SEVERN TRENT SERVICES

STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

TRANSMITTAL MEMORANDUM

DATE: November 25, 2002

TO: Michael Hamilton
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

PROJECT: C110458

REPORT NUMBER: 110068

TOTAL NUMBER OF PAGES: 6

Enclosed are the test results for one sample received at STL Seattle on November 19, 2002.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,

Tom Watson
Project Manager

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☐
☐ RLT ☐ LGR ☐ KAD
☐ NPQ ☐ RSG ☐ EJL

STL Seattle is a part of Severn Trent Laboratories, Inc.

STL Seattle

Sample Identification:

Lab. No.	Client ID	Date/Time Sampled	Matrix
110068-1	1102-23446	11-13-02 *	Liquid

* - Sampling time not specified for this sample

STL Seattle

Client Name	Caltest Analytical Laboratory
Client ID:	1102-23446
Lab ID:	110068-01
Date Received:	11/19/02
Date Prepared:	11/19/02
Date Analyzed:	11/22/02
% Solids	-
Dilution Factor	2

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

Surrogate	% Recovery	Flags	Recovery Limits Low	Recovery Limits High
Tripentyltin (surr)	111		52	166

Analyte	Result (ug/L)	PQL	MDL	Flags
Tributyltin	ND	0.00378	0.00131	

STL Seattle

Lab ID:	Method Blank - WTN0076
Date Received:	-
Date Prepared:	11/19/02
Date Analyzed:	11/21/02
% Solids	-
Dilution Factor	2

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

Surrogate	% Recovery	Flags	Recovery Limits Low	Recovery Limits High
Tripentyltin (surr)	130		52	166

Analyte	Result (ug/L)	PQL	MDL	Flags
Tributyltin	ND	0.004	0.00138	

STL Seattle

Blank Spike/Blank Spike Duplicate Report

Lab ID:	WTN0076
Date Prepared:	11/19/02
Date Analyzed:	11/21/02
QC Batch ID:	WTN0076

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

Compound Name	Blank Result (ug/L)	Spike Amount (ug/L)	BS Result (ug/L)	BS % Rec.	BSD Result (ug/L)	BSD % Rec.	RPD	Flag
Tributyltin	0	0.178	0.12	67.1	0.145	81.1	19	

110000

Caltest ANALYTICAL LABORATORY

1885 N. KELLY ROAD NAPA, CA 94558 (707) 258-4000 FAX (707) 226-1001

SAMPLE CHAIN OF CUSTODY

PROJECT NAME / PROJECT NUMBER: C110458

P.O. #: C110458

LAB ORDER #:

CLIENT: Caltest Analytical Laboratory

REPORT TO: (circle one) Michael Hamilton

MAILING ADDRESS: 1885 N. Kelly Road

STATE: CA

ZIP: 94558

BILLING ADDRESS: Same

ATTN: Same

PHONE #: 707/258-4000

FAX PHONE: 707/226-1001

SAMPLER (PRINT & SIGN NAME):

ANALYSED REQUESTED

TURN-AROUND TIME

[X] STANDARD

[ ] RUSH

DUE DATE:

CALTEST LAB #	DATE SAMPLED	TIME SAMPLED	SAMPLE MATRIX*	CONTAINER TYPE/ AMOUNT**	PRESERVATIVE	SAMPLE IDENTIFICATION / SITE	TRIBUTYLTIN	REMARKS
	11.13.02		FE	AMBER LITER	NONE	1102-23446	X	Please include P.O. NUMBER, PROJECT NUMBER, and SAMPLE ID/SITE on REPORT and INVOICE. *Please RETURN COOLER.
								PLEASE FLAG DOWN TO MDL AND INCLUDE MDL AND RL ON REPORT

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
[signature]	11/18/02	UPS		/	[signature] 11/19/02
	/			/	

FOR LAB USE ONLY

Samples: WC ___ MICRO ___ BIO ___ AA ___ SV ___ VOA ___ pH? Y/N TEMP: SEALED: Y/N INTACT: Y/N

BD: BIO ___ WC ___ AA ___

CC: AA ___ SV ___ VOA ___

SIL: HP ___ PT ___ QT ___ VOA ___

W/HNO_3 ___ H_2SO_4 ___ NaOH ___

PIL: HNO_3 ___ H_2SO_4 ___ NaOH ___ HCL ___

COMMENTS:

SUBCONTRACT LAB NAME:

STL

5755 8th Street East

Tacoma, Washington 98424

PH (253) 922-2310

*MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil Sludge, Solid ; FP =

**CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT = Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4oz. BACT; BT = Brass Tube; VOA = 40mL VOA; OTC - Other Type Container

R ___ PR ___ M ___ F ___

REV. 2/25/00

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT

9

Westmont, NJ (856) 858-1260 | Piscataway, NJ (908) 981-0550 | Carle Place, NY (516) 997-7251 | Smyrna, GA (404) 333-6066 | Melbourne, FL (407) 253-4224 | Ann Arbor, MI (313) 668-6810 | Milpitas, CA (408) 934-7010

EMSL

Wednesday, November 20, 2002

Caltest Analytical Laboratory
1885 N. Kelly Rd.
Napa, CA 94558

Project: C110458
Attention: Michael Hamilton
Ref Number: CA024817
Date Sampled 11-13-02
Date Filtered 11-14-02
Date Analyzed 11-19-02

Asbestos Analysis in Water by Transmission Electron Microscopy (TEM) Performed by Method EPA/600/R-94/134 - (100.2) "Determination of Asbestos Structures Over 10µm In Length in Drinking Water"; by Brackett, Clark & Millette

SAMPLE ID	#ASBESTOS STRUCTURES >10µm	#NON-ASBESTOS FIBROUS STRUCTURES	TYPE(S) OF ASBESTOS	CONCENTRATION OF ASBESTOS Fibers (MILLIONS/LITER) >10µm	95% Confidence Limits (Lower-Upper) (MILLIONS/LITERS) >10 µm	DETECTION LIMIT (MFL)
1102-23447	0	0	None Detected	<1.02	0-4.09	1.02**
EMSL Blank	0	0	None Detected	<0.20	0-0.73	0.20

***Samples that contain high levels of particulate which require the laboratory to filter a dilution less than the minimum recommended method volume of 50 ml, will necessarily have higher detection limits. Refer to EPA/600/R-94/134 Method 100.2, Sections 11.10 and 13.6.**

EPA Limit = 7 million fibers per liter for fibers greater than 10 microns in length.
California Title 22 Limit = 7 million fibers per liter for fibers greater than 10 microns in length.

****Sensitivity above 0.20 due to particulate loading.**

Analyst

Approved Signatory

ACCREDITATIONS: CA STATE ELAP #1620

Caltest

BRELJE AND RACE LABORATORIES, INC.

CHAIN OF CUSTODY

4

C110453
C110458

425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
		none	4L Amber	1102-23444	WW	CTR-EPA 608+EPA 610	
		none	"	1102-23445	"	CTR-EPA 614+EPA 625	
		none	2L Amber	1102-23446	"	CTR Tributyltin	
		none	1L Nalgene	1102-23447	"	CTR-Asbestos	
		"	1 pt. plastic	1102-23448	"	CTR-HexCr-EPA 7196	
		NaOH	1L Nalgene	1102-23449	"	CTR Cyanide-EPA 335.2	
		none	500 ml amber glass bottle	1102-23450	"	CTR-EPA 1631	
		HNO_3	500 ml plastic	1102-23451	"	CTR Metals-EPA 200.8	
		HCl	3-40ml VOA	1102-23452	"	CTR EPA 624	

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:
Aubrey Livingston	11/13/02 3:30pm				DEC 09 2002

BRELJE AND RACE

LABORATORIES, INC.

CHAIN OF CUSTODY

4

C110453

Caltest

425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
11/13*		none	4L Amber	1102-23444	WW	CTR-EPA 608+EPA 610	
		none	"	1102-23445	"	CTR-EPA 614+EPA 625	
		none	2L Amber	1102-23446	"	CTR Tributyltin	* Sent to reb lab COC# C110458
		none	1L Nalgene	1102-23447	"	CTR- Asbestos	
		"	1 pt. plastic	1102-23448	"	CTR-HexCr- EPA 7196	
		NaOH	1L Nalgene	1102-23449	"	CTR Cyanide-EPA 335.2	
		none	500 ml amber dark bagged	1102-23450	"	CTR-EPA 1631	
		HNO_3	500 ml plastic	1102-23451	"	CTR Metals-EPA 200.8	
		HCl	3-40mL VOA	1102-23452	"	CTR EPA 624	
							** date per container Rec 11/14/02

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:
Aubrey Livingston	11/13/02 3:30pm				NOV 26 2002

WET WEATHER TESTING
CREEK

BRELJE AND RACE
LABORATORIES, INC.
425 SOUTH E STREET • SANTA ROSA, CALIFORNIA 95404 • (707) 544-8807

April 11, 2003

Sample Collected: 03/17/03
Sample Received: 03/17/03
Collected By : M.B.

SonomaWest Holdings
North Facility
2064 Hwy 116 North
Sebastopol, CA 95472

LOG NUMBER	303-5166-74	303-5176-84
Sample Description:	Lake Davis	Creek

ANALYSIS

Please see attached report.

VERY TRULY YOURS,

BRELJE AND RACE LABORATORIES, INC.

ANN HILL, LABORATORY MANAGER
AH:kdd

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☐ _____
☐ RLT ☐ LGR ☐ KAD _____
☐ NPQ ☐ RSG ☐ EJL _____

BRELJE AND RACE

LABORATORIES, INC. 425 SOUTH E STREET • SANTA ROSA, CALIFORNIA 95404 • (707) 544-8807

WET WEATHER TEST

March 25, 2003

Sample Collected: 03/17/03
Sample Received: 03/17/03
Collected By : MB

SonomaWest Holdings
North Facility
2064 Hwy 116 North
Sebastopol, CA 95472

LOG NUMBER	0303-5165	0303-5175
Sample Description:	Lake Davis	Creek
ANALYSIS		
pH	6.2	7.4
Total Hardness as CaCO3 mg/L	78.	88.
Salinity	<1.0%	<1.0%
FLOW RATE		4.0 CFS

VERY TRULY YOURS,

BRELJE AND RACE LABORATORIES, INC.

Janice V. Bailey

ANN HILL, LABORATORY MANAGER
AH:dlm

WRT WEATHER

California Regional Water Quality Control Board
North Coast Region

RWQCB REGION 1

APR 2 8 2003

☐ SAW ☐ FCR ☐ ____
☐ RLT ☐ LGR ☐ KAD ____
☐ NPQ ☐ RSG ☐ EJL ____

ATTACHMENT 'B'

Report Format for Priority Toxic Pollutants

Permittee: SONOMA WEST HOLDINGS (FKA VALLEY OAK) Name of Laboratory: BELJE + RACE

WDID No.: 1 B 81202 SON ELAP No.: 1243

Contact Name: MIKE BARBINI Laboratory Contact: ANN HILL

Phone Number: (707) 829-4612 Lab Phone Number: (707) 544-8807

Type of Sample (Receiving Water vs. Effluent): RECEIVING WATERS Report Number: ____

*IF RECEIVING WATER SAMPLE, FILL IN THE FOLLOWING INFORMATION:

Water Body: ATASCADERO CREEK Ph: 7.4 Hardness: 88.

Sample Location: MILL STREET BRIDGE Salinity: < 1.0 % Flow Rate: 4.0 CFm
(if a discharge is to a river or creek)

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
1.	Antimony	3/17/03	GRAB	4/1/03	200.8	ND	0.5	0.2		
2.	Arsenic	3/17/03	GRAB	4/1/03	200.8	2.1	0.5	0.2		

[1] ML is the concentration at which the entire analytical system must give a recognizable signal and acceptable calibration point. The ML is the concentration in a sample that is equivalent to the concentration of the lowest calibration standard analyzed by a specific analytical procedure, assuming that all the method specified sample weights, volumes, and processing steps have been followed.

[2] MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero, as defined in 40 CFR 136, Appendix B, revised as of May 14, 1999.

[3] RDL is the detection level that results from the actual sampling event, which is reported on the monitoring report. The RDL may be higher than the Method Detection Level (MDL) for the sampling technique being used due to the presence of detection interference's in the sample.

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
3.	Beryllium	3/17/03	GRAB	4/2/03	200.8	ND	0.2	0.06		
4.	Cadmium			4/1/03	200.8	0.1	0.1	0.03		
5a.	Chromium (total)			4/1/03	200.8	2.3	0.5	0.2		
5b.	Chromium (VI)			3/17/03	SM 3500CR	ND	10.	0.9		
6.	Copper			4/1/03	200.8	3.2	0.5	0.3		
7.	Lead			4/1/03	200.8	1.5	0.25	0.04		
8.	Mercury			3/21/03	1631E	0.0006	0.0005	0.00024		
9.	Nickel			4/1/03	200.8	8.7	0.5	0.2		
10.	Selenium			3/28/03	200.8	ND	1.	0.5		
11.	Silver			4/1/03	200.8	ND	0.1	0.02		
12.	Thallium			4/1/03	200.8	0.1	0.1	0.03		
13.	Zinc			4/1/03	200.8	8.	1.	0.3		
14.	Cyanide			3/25/03	335.2	ND	3.	0.9		
15.	Asbestos			3/25/03	100.2	<3.78				
16.	2, 3, 7, 8-TCDD (Dioxin)									
17.	Acrolein			3/22/03		ND	5.	1.		
18.	Acrylonitrile			3/22/03		ND	2.	1.		
19.	Benzene			3/22/03		ND	0.5	0.3		
20.	Bromoform			3/22/03		ND	0.5	0.2		
21.	Carbon Tetrachloride			3/22/03		ND	0.5	0.42		
22.	Chlorobenzene			3/22/03		ND	0.5	0.3		
23.	Chlorodibromomethane			3/22/03		ND	0.5	0.3		
24.	Chloroethane			3/22/03		ND	0.5	0.34		
25.	2-Chloroethylvinyl Ether			3/22/03		ND	1.	0.32		
26.	Chloroform			3/22/03		ND	0.5	0.31		
27.	Dichlorobromomethane			3/22/03		ND	0.5	0.2		
28.	1,1-Dichloroethane			3/22/03		ND	0.5	0.34		
29.	1,2-Dichloroethane			3/22/03		ND	0.5	0.2		
30.	1, 1-Dichloroethylene			3/22/03		ND	0.5	0.49		
31.	1, 2-Dichloropropane			3/22/03		ND	0.5	0.2		
32.	1, 3 –Dichloropropylene			3/22/03		ND	0.5	0.2		
33.	Ethylbenzene			3/22/03		ND	0.5	0.4		

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
34.	Methyl Bromide	3/17/03	GRAB	3/22/03		ND	0.5	0.42		
35.	Methyl Chloride			3/22/03		ND	0.5	0.46		
36.	Methylene Chloride			3/22/03		ND	2.	0.4		
37.	1,1,2,2-Tetrachloroethane			3/22/03		ND	0.5	0.3		
38.	Tetrachloroethylene			3/22/03		ND	0.5	0.44		
39.	Toluene			3/22/03		ND	0.5	0.32		
40.	1,2-Trans-Dichloroethylene			3/22/03		ND	0.5	0.43		
41.	1,1,1-Trichloroethane			3/22/03		ND	0.5	0.44		
42.	1,1,2-Trichloroethane			3/22/03		ND	0.5	0.3		
43.	Trichloroethylene			3/22/03		ND	0.5	0.3		
44.	Vinyl Chloride			3/22/03		ND	0.5	0.47		
45.	2-Chlorophenol			4/1/03		ND	5.	0.6		
46.	2,4-Dichlorophenol			4/1/03		ND	5.	0.7		
47.	2,4-Dimethylphenol			4/1/03		ND	2.	0.9		
48.	2-Methyl-4,6-Dinitrophenol			4/1/03		ND	5.	0.9		
49.	2,4-Dinitrophenol			4/1/03		ND	5.	0.6		
50.	2-Nitrophenol			4/1/03		ND	5.	0.7		
51.	4-Nitrophenol			4/1/03		ND	5.	0.6		
52.	3-Methyl-4-Chlorophenol			4/1/03		ND	1.	0.5		
53.	Pentachlorophenol			4/1/03		ND	1.	.9		
54.	Phenol			4/1/03		ND	1.	0.4		
55.	2,4,6- Trichlorophenol			4/1/03		ND	5.	0.6		
56.	Acenaphthene			3/22/03		ND	0.3	0.17		
57.	Acenaphthylene			3/22/03		ND	0.2	0.03		
58.	Anthracene			3/22/03		ND	0.3	0.16		
59.	Benzidine			4/1/03		ND	5.	1.		
60.	Benzo(a)Anthracene			3/22/03		ND	0.3	.12		
61.	Benzo(a)Pyrene			3/22/03		ND	0.3	0.09		
62.	Benzo(b)Fluoranthene			3/22/03		ND	0.3	0.11		
63.	Benzo(ghi)Perylene			3/22/03		ND	0.1	0.06		
64.	Benzo(k)Fluoranthene			3/22/03		ND	0.3	0.16		

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
65.	Bis(2-Chloroethoxy) Methane	3/17/03	GRAB	4/1/03		ND	5.	0.9		
66.	Bis(2-Chloroethyl) Ether			4/1/03		ND	1.	0.7		
67.	Bis(2-Chloroisopropyl) Ether			4/1/03		ND	2.	0.6		
68.	Bis(2-Ethylhexyl) Phthalate			4/1/03		j1	5.	0.8		
69.	4-Bromophenyl Phenyl Ether			4/1/03		ND	5.	0.4		
70.	Butylbenzyl Phthalate			4/1/03		ND	5.	0.8		
71.	2-Chloronaphthalene			4/1/03		ND	5.	0.5		
72.	4-Chlorophenyl Phenyl Ether			4/1/03		ND	5.	0.5		
73.	Chrysene			3/22/03		ND	0.3	0.14		
74.	Dibenzo(a,h) Anthracene			3/22/03		ND	0.1	0.04		
75.	1, 2 Dichlorobenzene			4/1/03		ND	2.	0.6		
76.	1, 3 Dichlorobenzene			4/1/03		ND	6.	0.6		
77.	1, 4 Dichlorobenzene			4/1/03		ND	1.	0.6		
78.	3,3'-Dichlorobenzidine			4/1/03		ND	5.0	0.3		
79.	Diethyl Phthalate			4/1/03		ND	2.	0.7		
80.	Dimethyl Phthalate			4/1/03		ND	2.	0.7		
81.	Di-n-Butyl Phthalate			4/1/03		ND	5.	1.		
82.	2,4-Dinitrotoluene			4/1/03		ND	5.	0.6		
83.	2,6-Dinitrotoluene			4/1/03		ND	5.	0.6		
84.	Di-n-Octyl Phthalate			4/1/03		ND	5.	0.9		
85.	1,2-Diphenylhydrazine			4/1/03		ND	1.	0.6		
86.	Fluoranthene			3/22/03		ND	0.05	0.03		
87.	Fluorene			3/22/03		ND	0.1	0.02		
88.	Hexachlorobenzene			4/1/03		ND	1.	0.4		
89.	Hexachlorobutadiene			4/1/03		ND	1.	0.7		
90.	Hexachlorocyclopentadiene			4/1/03		ND	5.	0.4		
91.	Hexachloroethane			4/1/03		ND	1.	0.6		

CTR #	Constituent	Date Sample Collected	Sample Collection Method	Date Sample Analyzed	USEPA Method Used	Analytical Results (µg/L)	ML[1] (µg/L)	MDL[2] (µg/L)	RDL[3] (µg/L)	Comments
92.	Indeno(1,2,3-cd)Pyrene	3/17/03	GRAB	3/22/03		ND	0.05	0.04		
93.	Isophorone			4/1/03		ND	1.	0.8		
94.	Naphthalene			3/22/03		ND	0.2	0.05		
95.	Nitrobenzene			4/1/03		ND	1.	0.7		
96.	N-Nitrosodimethylamine			4/1/03		ND	5.	0.6		
97.	N-Nitrosodi-n-Propylamine			4/1/03		ND	5.	0.8		
98.	N-Nitrosodiphenylamine			4/1/03		ND	1.	0.7		
99.	Phenanthrene			3/22/03		ND	0.05	0.03		
100.	Pyrene			3/22/03		ND	0.05	0.03		
101.	1,2,4-Trichlorobenzene			4/1/03		ND	5	0.6		
102.	Aldrin			3/25/03		ND	0.005	0.003		
103.	alph-BHC			3/25/03		ND	0.01	0.003		
104.	beta-BHC			3/25/03		ND	0.005	0.004		
105.	gamma-BHC			3/25/03		ND	0.01	0.003		
106.	Delta-BHC			3/25/03		ND	0.005	0.002		
107.	Chlordane			3/25/03		ND	0.02	0.005		
108.	4,4'-DDT			3/25/03		ND	0.1	0.003		
109.	4,4'-DDE			3/25/03		ND	0.1	0.002		
110.	4,4'-DDD			3/25/03		ND	0.01	0.002		
111.	Dieldrin			3/25/03		ND	0.01	0.002		
112.	alpha-Endosulfan			3/25/03		ND	0.01	0.002		
113.	beta-Endosulfan			3/25/03		ND	0.01	0.002		
114.	Endosulfan Sulfate			3/25/03		ND	0.01	0.002		
115.	Endrin			3/25/03		ND	0.01	0.002		
116.	Endrin Aldehyde			3/25/03		ND	0.01	0.002		
117.	Heptachlor			3/25/03		ND	0.01	0.003		
118.	Heptachlor Epoxide			3/25/03		ND	0.01	0.003		
119-125	Polychlorinated biphenyls (PCBs)			3/25/03		ND	0.01	0.03 - 0.07		
126.	Toxaphene			3/25/03		ND	0.5	0.4		

California Regional Water Quality Control Board
North Coast Region

ATTACHMENT 'A'

Minimum Levels for Priority Toxic Pollutants

#	CAS # (a)	Compound	Minimum Levels (µg/l) (b, c)										
			GC	GCMS	LC	Color	FAA	GFAA	ICP	ICP MS	SPGFAA	HYD RIDE	CVAA
1.	7440360	Antimony (d)					10	5	50	0.5	5	0.5	
2.	7440382	Arsenic (d)				20		2	10	2	2	1	
3.	7440417	Beryllium (d)					20	0.5	2	0.5	1		
4.	7440439	Cadmium (d)				10	0.5	10	0.25	0.5			
5a.	16065831	Chromium (total) (d)					50	2	10	0.5	1		
5b.	18540299	Chromium (VI) (d)				10	5						
6.	7440508	Copper (d)					25	5	10	0.5	2		
7.	7439921	Lead (d)					20	5	5	0.5	2		
8.	7439976	Mercury (d)								0.5			0.2
9.	7440020	Nickel (d)					50	5	20	1	5		
10.	7782492	Selenium (d)						5	10	2	5	1	
11.	7440224	Silver (d)					10	1	10	0.25	2		
12.	7440280	Thallium (d)					10	2	10	1	5		
13.	7440666	Zinc (d)					20		20	1	10		
14.	57125	Cyanide (d)				5							
15.	1332214	Asbestos											
16.	1746016	2, 3, 7, 8-TCDD (Dioxin) (h)											
17.	107028	Acrolein (e)	2.0	5									
18.	107131	Acrylonitrile (e)	2.0	2									
19.	71432	Benzene (e)	0.5	2									
20.	75252	Bromoform (e)	0.5	2									
21.	56235	Carbon Tetrachloride (e)	0.5	2									
22.	108907	Chlorobenzene (e)	0.5	2									
23.	124481	Chlorodibromomethane (e)	0.5	2									
24.	75003	Chloroethane (e)	0.5	2									
25.	110758	2-Chloroethylvinyl Ether (f)	1	1									
26.	67663	Chloroform (e)	0.5	2									
27.	75274	Dichlorobromomethane (e)	0.5	2									
28.	75343	1,1-Dichloroethane (e)	0.5	1									
29.	107062	1,2-Dichloroethane (e)	0.5	2									
30.	75354	1, 1-Dichloroethylene (e)	0.5	2									
31.	78875	1, 2-Dichloropropane (e)	0.5	1									
32.	542756	1, 3 –Dichloropropylene (e)	0.5	2									
33.	100414	Ethylbenzene (e)	0.5	2									
34.	74839	Methyl Bromide (e)	1.0	2									
35.	74873	Methyl Chloride (e)	0.5	2									
36.	75092	Methylene Chloride (e)	0.5	2									
37.	79345	1,1,2,2-Tetrachloroethane (e)	0.5	1									
38.	127184	Tetrachloroethylene (e)	0.5	2									

#	CAS # (a)	Compound	Minimum Levels (µg/l) (b, c)										
			GC	GCMS	LC	Color	FAA	GFAA	ICP	ICP MS	SPGFAA	HYD RIDE	CVAA
39.	108883	Toluene (e)	0.5	2									
40.	156605	1,2-Trans-Dichloroethylene (e)	0.5	1									
41.	71556	1,1,1-Trichloroethane (e)	0.5	2									
42.	79005	1,1,2-Trichloroethane (e)	0.5	2									
43.	79016	Trichloroethylene (e)	0.5	2									
44.	75014	Vinyl Chloride (e)	0.5	2									
45.	95578	2-Chlorophenol (f)	2	5									
46.	120832	2,4-Dichlorophenol (f)	1	5									
47.	105679	2,4-Dimethylphenol (f)	1	2									
48.	534521	2-Methyl-4,6-Dinitrophenol (f)	10	5									
49.	51285	2,4-Dinitrophenol (f)	5	5									
50.	88755	2-Nitrophenol (f)		10									
51.	100027	4-Nitrophenol (f)	5	10									
52.	59507	3-Methyl-4-Chlorophenol (f)	5	1									
53.	87265	Pentachlorophenol (f)	1	5									
54.	108952	Phenol (f)	1	1		50							
55.	88062	2,4,6- Trichlorophenol (f)	10	10									
56.	83329	Acenaphthene (f)	1	1	0.5								
57.	208968	Acenaphthylene (f)		10	0.2								
58.	120127	Anthracene (f)		10	2								
59.	92875	Benzidine (f)		5									
60.	56553	Benzo(a)Anthracene (f)	10	5									
61.	50328	Benzo(a)Pyrene (f)		10	2								
62.	205992	Benzo(b)Fluoranthene (f)		10	10								
63.	191242	Benzo(ghi)Perylene (f)		5	0.1								
64.	207089	Benzo(k)Fluoranthene (f)		10	2								
65.	111911	Bis(2-Chloroethoxy) Methane (f)		5									
66.	111444	Bis(2-Chloroethyl) Ether (f)	10	1									
67.	39638329	Bis(2-Chloroisopropyl) Ether (f)	10	2									
68.	117817	Bis(2-Ethylhexyl) Phthalate (f)	10	5									
69.	101553	4-Bromophenyl Phenyl Ether (f)	10	5									
70.	85687	Butylbenzyl Phthalate (f)	10	10									
71.	91587	2-Chloronaphthalene (f)		10									
72.	7005723	4-Chlorophenyl Phenyl Ether (f)		5									
73.	218019	Chrysene (f)		10	5								
74.	53703	Dibenzo(a,h) Anthracene (f)		10	0.1								
75.	95501	1, 2 Dichlorobenzene (e & f)	0.5 (e), 2 (f)	2 (e & f)									
76.	541731	1, 3 Dichlorobenzene (e & f)	0.5 (e), 2 (f)	2 (e), 1 (f)									
77.	106467	1, 4 Dichlorobenzene (e & f)	0.5 (e), 2 (f)	2 (e), 1 (f)									
78.	91941	3,3-Dichlorobenzidine (f)		5									
79.	84662	Diethyl Phthalate (f)	10	2									
80.	131113	Dimethyl Phthalate (f)	10	2									
81.	84742	Di-n-Butyl Phthalate (f)		10									

#	CAS # (a)	Compound	Minimum Levels (µg/l) (b, c)										
			GC	GCMS	LC	Color	FAA	GFAA	ICP	ICP MS	SPGFAA	HYD RIDE	CVAA
82.	121142	2,4-Dinitrotoluene (f)	10	5									
83.	606202	2,6-Dinitrotoluene (f)		5									
84.	117840	Di-n-Octyl Phthalate (f)		10									
85.	122667	1,2-Diphenylhydrazine (f)		1									
86.	206440	Fluoranthene (f)	10	1	0.05								
87.	86737	Fluorene (f)		10	0.1								
88.	118741	Hexachlorobenzene (f)	5	1									
89.	87683	Hexachlorobutadiene (f)	5	1									
90.	77474	Hexachlorocyclopentadiene (f)	5	5									
91.	67721	Hexachloroethane (f)	5	1									
92.	193395	Indeno(1,2,3-cd)Pyrene (f)		10	0.05								
93.	78591	Isophorone (f)	10	1									
94.	91203	Naphthalene (f)	10	1	0.2								
95.	98953	Nitrobenzene (f)	10	1									
96.	62759	N-Nitrosodimethylamine (f)	10	5									
97.	621647	N-Nitrosodi-n-Propylamine (f)	10	5									
98.	86306	N-Nitrosodiphenylamine (f)	10	1									
99.	85018	Phenanthrene (f)		5	0.05								
100.	129000	Pyrene (f)		10	0.05								
101.	120821	1,2,4-Trichlorobenzene (f)	1	5									
102.	309002	Aldrin (g)	0.005										
103.	319846	alph-BHC (g)	0.01										
104.	319857	beta-BHC (g)	0.005										
105.	58899	gamma-BHC (g)	0.02										
106.	319868	Delta-BHC (g)	0.005										
107.	57749	Chlordane (g)	0.1										
108.	50293	4,4'-DDT (g)	0.01										
109.	72559	4,4'-DDE (g)	0.05										
110.	72548	4,4'-DDD (g)	0.05										
111.	60571	Dieldrin (g)	0.01										
112.	959988	alpha-Endosulfan (g)	0.02										
113.	33213659	beta-Endosulfan (g)	0.01										
114.	1031078	Endosulfan Sulfate (g)	0.05										
115.	72208	Endrin (g)	0.01										
116.	7421934	Endrin Aldehyde (g)	0.01										
117.	76448	Heptachlor (g)	0.01										
118.	1024573	Heptachlor Epoxide (g)	0.01										
119-125		Polychlorinated biphenyls (PCBs) (g, i)	0.5										
126.	8001352	Toxaphene (g)	0.5										

Notes:

a.) CAS #: Chemical Abstract Service Registry Number

b.) Factors may be applied to the ML depending on the specific sample preparation steps employed.

c.) Laboratory techniques are defined as follows: GC = Gas Chromatography; GCMS = Gas Chromatography/Mass Spectrometry; LC = High Pressure Liquid Chromatography; Color = Colorimetric; FAA = Flame Atomic Absorption; GFAA = Graphite Furnace Atomic Absorption;

Hydride = Gaseous Hydride Atomic Absorption; CVAA = Cold Vapor Atomic Absorption; ICP = Inductively Coupled Plasma; ICPMS = Inductively Coupled Plasma/Mass Spectrometry; SPGFAA = Stabilized Platform Graphite Furnace Atomic Absorption (i.e. EPA 200.9).

d.) INORGANICS: The normal method-specific factor for this substance is 1, therefore, the lowest standard concentration in the calibration curve is equal to the ML value.

e.) VOLATILE SUBSTANCES: The normal method-specific factor for these substances is 1, therefore, the lowest standard concentration in the calibration curve is equal to the ML value for each substance.

f.) SEMI-VOLATILE SUNSTANCES: With the exception of phenol by colorimetric technique, the normal method-specific factor for this substance is 1000, therefore, the lowest standard concentration in the calibration curve is equal to the ML value multiplied by 1000. Phenol by colorimetric technique has a factor of 1.

g.) PESTICIDES – PCBs: The normal method-specific factor for this substance is 100, therefore, the lowest standard concentration in the calibration curve is equal to the ML value multiplied by 100.

h.) Use EPA approved method 1613 for dioxins and furans.

i.) PCBs are a class of chemicals which include aroclors 1242, 1254, 1221, 1232, 1248, 1260, and 1016, CAS numbers 53469219, 11097691, 11104282, 11141165, 12672296, 11096825, and 12674112, respectively.

(Attach A)

NELAP Certification 01103CA

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

ELAP Certification 1664

LAB ORDER No.: 0030498

REPORT of ANALYTICAL RESULTS

Report Date: 04 APR 2003
Received Date: 17 MAR 2003

Client: Ann Hill
Brelje and Race
425 South E. St.
Santa Rosa, CA 95404

Project: CTR ANALYSIS

Sampled by: CLIENT

Lab Number	Sample Identification	Matrix	Sampled Date/Time
0030498-1	303-5176 TO 303-5184	AQUEOUS	17 MAR 03 08:30
0030498-2	303-5166 TO 303-5174	AQUEOUS	17 MAR 03 09:00

Michael P. Hamilton
Project Manager

Christine Horn
Laboratory Director

INORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-1
SAMPLE ID: 303-5176 TO 303-5184 creek
SAMPLED: 17 MAR 03 08:30

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
Antimony	ND	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2.3
Arsenic	2.1	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Beryllium	ND	0.2	0.06	ug/L	2	200.8	04.02.03	A030322IMS	1.2.3.4
Cadmium	0.1	0.1	0.03	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Chromium	2.3	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Copper	3.2	0.5	0.3	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Lead	1.5	0.25	0.04	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Mercury, Trace Level	0.0066	0.0005	0.00024	ug/L	1	1631E	03.21.03	A030319MER	2,5
Nickel	8.7	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Selenium	ND	1.	0.5	ug/L	1	200.8	03.28.03	A030324IMS	1.2.3
Silver	ND	0.1	0.02	ug/L	1	200.8	04.01.03	A030322IMS	1.2.3
Thallium	0.1	0.1	0.03	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Zinc	8.	1.	0.3	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Chromium (VI)	ND	10.	0.9	ug/L	1	SM3500CR D	03.17.03	I030030CR6	2
Cyanide, total	ND	3.	0.9	ug/L	1	335.2	03.25.03	I030037CYA	2.3

LAB NUMBER: D030498-2
SAMPLE ID: 303-5166 TO 303-5174 Lake
SAMPLED: 17 MAR 03 09:00

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
Antimony	ND	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2.3
Arsenic	1.3	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Beryllium	ND	0.2	0.06	ug/L	2	200.8	04.01.03	A030322IMS	1.2.3.4
Cadmium	J0.07	0.1	0.03	ug/L	1	200.8	04.01.03	A030322IMS	1.2.6
Chromium	0.7	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Copper	5.2	0.5	0.3	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Lead	0.75	0.25	0.04	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Mercury, Trace Level	0.011	0.0005	0.00024	ug/L	1	1631E	03.21.03	A030319MER	2.5
Nickel	10.	0.5	0.2	ug/L	1	200.8	04.01.03	A030322IMS	1.2
Selenium	2.	1.	0.5	ug/L	1	200.8	03.28.03	A030324IMS	1.2
Silver	ND	0.1	0.02	ug/L	1	200.8	04.01.03	A030322IMS	1.2.3
Thallium	J0.05	0.1	0.03	ug/L	1	200.8	04.01.03	A030322IMS	1.2.6
Zinc	140.	2.	0.3	ug/L	2	200.8	04.01.03	A030322IMS	1.2
Chromium (VI)	ND	10.	0.9	ug/L	1	SM3500CR D	03.17.03	I030030CR6	2

1) Sample Preparation on 03-21-03 using 200.8
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analyte was not detected at or above the Method Detection Limit (MDL).
4) Sample diluted prior to analysis in an effort to reduce matrix interferences resulting in (a) higher reporting limit(s).
5) Sample Preparation on 03-20-03 using 1631E
6) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

INORGANIC ANALYTICAL RESULTS Calif.

LAB ORDER No.: D030498

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: D030498-2 (continued)									
Cyanide, total	J1.0	3.	0.9	ug/L	1	335.2	03.25.03	I030037CYA	1.2

1) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
2) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-1
SAMPLE ID: 303-5176 TO 303-5184
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 608

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
CHLORINATED PESTICIDES & PCBS					1	03.25.03	T030090OCP	1,2,3,4
Aldrin	ND	0.005	0.003	ug/L				
alpha-BHC	ND	0.01	0.003	ug/L				
beta-BHC	ND	0.005	0.004	ug/L				
gamma-BHC (Lindane)	ND	0.01	0.003	ug/L				
delta-BHC	ND	0.005	0.002	ug/L				
Chlordane	ND	0.02	0.005	ug/L				
p,p'-DDD	ND	0.01	0.002	ug/L				
p,p'-DDE	ND	0.01	0.002	ug/L				
p,p'-DDT	ND	0.01	0.003	ug/L				
Dieldrin	ND	0.01	0.002	ug/L				
Endosulfan I	ND	0.01	0.002	ug/L				
Endosulfan II	ND	0.01	0.002	ug/L				
Endosulfan Sulfate	ND	0.01	0.002	ug/L				
Endrin	ND	0.01	0.002	ug/L				
Endrin Aldehyde	ND	0.01	0.002	ug/L				
Endrin Ketone	ND	0.01	0.002	ug/L				
Heptachlor	ND	0.01	0.003	ug/L				
Heptachlor Epoxide	ND	0.01	0.003	ug/L				
Methoxychlor	ND	0.01	0.003	ug/L				
Toxaphene	ND	0.5	0.4	ug/L				
PCB 1016	ND	0.1	0.05	ug/L				
PCB 1221	ND	0.1	0.03	ug/L				
PCB 1232	ND	0.1	0.04	ug/L				
PCB 1242	ND	0.1	0.05	ug/L				
PCB 1248	ND	0.1	0.05	ug/L				
PCB 1254	ND	0.1	0.07	ug/L				
PCB 1260	ND	0.1	0.05	ug/L				
Surrogate TCMX	66.			%				
Surrogate Decachlorobiphenyl	109.			%				

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 614

ORGANOPHOSPHOROUS PESTICIDES					1	03.29.03	T030093OPP	2,3,5
Chlorpyrifos (Dursban)	ND	0.5	0.2	ug/L				

1) Sample Preparation on 03-20-03 using EPA 608
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).
5) Sample Preparation on 03-21-03 using EPA 614

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 614

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
ORGANOPHOSPHOROUS PESTICIDES (continued)					1	03.29.03	T030093OPP	
Demeton - O and - S	ND	0.5	0.3	ug/L				
Diazinon	ND	0.6	0.3	ug/L				
Disulfoton (Di-Syston)	ND	1.	0.3	ug/L				
Ethion	ND	0.5	0.2	ug/L				
Azinphos methyl (Guthion)	ND	2.5	0.6	ug/L				
Parathion methyl	ND	1.	0.2	ug/L				
Malathion	ND	0.5	0.2	ug/L				
Parathion (Ethyl Parathion)	ND	0.5	0.2	ug/L				
Surrogate-Tributylphosphate	82.			%				
Surrogate-Triphenylphosphate	72.			%				

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 610

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)					1	03.22.03	R030027PAH	1,2,3,4
Acenaphthene	ND	0.3	0.17	ug/L				
Acenaphthylene	ND	0.2	0.03	ug/L				
Anthracene	ND	0.3	0.16	ug/L				
Benzo(a)anthracene	ND	0.3	0.12	ug/L				
Benzo(a)pyrene	ND	0.3	0.09	ug/L				
Benzo(b)fluoranthene	ND	0.3	0.11	ug/L				
Benzo(ghi)perylene	ND	0.1	0.06	ug/L				
Benzo(k)fluoranthene	ND	0.3	0.16	ug/L				
Chrysene	ND	0.3	0.14	ug/L				
Dibenzo(a,h)anthracene	ND	0.1	0.04	ug/L				
Fluoranthene	ND	0.05	0.03	ug/L				
Fluorene	ND	0.1	0.02	ug/L				
Indeno(1,2,3-cd)pyrene	ND	0.05	0.04	ug/L				
Naphthalene	ND	0.2	0.05	ug/L				
Phenanthrene	ND	0.05	0.03	ug/L				
Pyrene	ND	0.05	0.03	ug/L				
Surrogate p-Terphenyl	74.			%				

1) Sample Preparation on 03-19-03 using EPA 610
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) The sample was analyzed following alumina column cleanup (EPA Method 3611).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184 Crude
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 625

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
SEMIVOLATILE ORGANIC COMPOUNDS					1	04.01.03	S030028BNA	1-5
Benzidine	ND	5.	1.	ug/L				
Benzylbutylphthalate	ND	5.	0.8	ug/L				
4-Bromophenyl phenyl ether	ND	5.	0.4	ug/L				
bis(2-chloroethoxy)methane	ND	5.	0.9	ug/L				
bis(2-chloroethyl)ether	ND	1.	0.7	ug/L				
bis(2-chloroisopropyl)ether	ND	2.	0.6	ug/L				
2-Chloronaphthalene	ND	5.	0.5	ug/L				
4-Chlorophenyl phenyl ether	ND	5.	0.5	ug/L				
Di-n-butylphthalate	ND	5.	1.	ug/L				
3,3-Dichlorobenzidine	ND	5.	0.3	ug/L				
Diethyl phthalate	ND	2.	0.7	ug/L				
Dimethyl phthalate	ND	2.	0.7	ug/L				
1,2-Dichlorobenzene	ND	2.	0.6	ug/L				
1,3-Dichlorobenzene	ND	1.	0.6	ug/L				
1,4-Dichlorobenzene	ND	1.	0.6	ug/L				
2,4-Dinitrotoluene	ND	5.	0.6	ug/L				
2,6-Dinitrotoluene	ND	5.	0.6	ug/L				
Di-n-octylphthalate	ND	5.	0.9	ug/L				
1,2-Diphenylhydrazine	ND	1.	0.6	ug/L				
bis(2-Ethylhexyl)phthalate	J1.	5.	0.8	ug/L				
Hexachlorobenzene	ND	1.	0.4	ug/L				
Hexachlorobutadiene	ND	1.	0.7	ug/L				
Hexachlorocyclopentadiene	ND	5.	0.4	ug/L				
Hexachloroethane	ND	1.	0.6	ug/L				
Isophorone	ND	1.	0.8	ug/L				
Nitrobenzene	ND	1.	0.7	ug/L				
N-Nitrosodimethylamine	ND	5.	0.6	ug/L				
N-Nitrosodiphenylamine	ND	1.	0.7	ug/L				
N-Nitrosodi-n-propylamine	ND	5.	0.8	ug/L				
1,2,4-Trichlorobenzene	ND	5.	0.6	ug/L				
4-Chloro-3-methylphenol	ND	1.	0.5	ug/L				
2-Chlorophenol	ND	5.	0.6	ug/L				
2,4-Dichlorophenol	ND	5.	0.7	ug/L				
2,4-Dimethylphenol	ND	2.	0.9	ug/L				

1) Sample Preparation on 03-19-03 using EPA 625
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.
5) Results have been confirmed by reanalysis out of holdtime.

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184 Crude
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 625

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
SEMIVOLATILE ORGANIC COMPOUNDS (continued)					1	04.01.03	S030028BNA	
2,4-Dinitrophenol	ND	5.	0.6	ug/L				
2-Methyl-4,6-dinitrophenol	ND	5.	0.9	ug/L				
2-Nitrophenol	ND	5.	0.7	ug/L				
4-Nitrophenol	ND	5.	0.6	ug/L				
Pentachlorophenol	ND	1.	.9	ug/L				
Phenol	ND	1.	0.4	ug/L				
2,4,6-Trichlorophenol	ND	5.	0.6	ug/L				
Surrogate Nitrobenzene-d5	53.			%				
Surrogate 2-Fluorobiphenyl	29.			%				
Surrogate Terphenyl-d14	87.			%				
Surrogate 2-Fluorophenol	42.			%				
Surrogate Phenol-d6	32.			%				
Surrogate 2,4,6-Tribromophenol	89.			%				

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184 Crude
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 624

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
VOLATILE ORGANIC COMPOUNDS					1	03.22.03	V030036MSA	1,2,3
Acrolein	ND	5.	1.	ug/L				
Acrylonitrile	ND	2.	1.	ug/L				
Benzene	ND	0.5	0.3	ug/L				
Bromodichloromethane	ND	0.5	0.2	ug/L				
Bromoform	ND	0.5	0.2	ug/L				
Bromomethane (Methyl Bromide)	ND	0.5	0.42	ug/L				
Carbon Tetrachloride	ND	0.5	0.42	ug/L				
Chlorobenzene	ND	0.5	0.3	ug/L				
Chloroethane (Ethyl Chloride)	ND	0.5	0.34	ug/L				
2-Chloroethylvinyl ether	ND	1.	0.32	ug/L				
Chloroform	ND	0.5	0.31	ug/L				
Chloromethane (Methyl Chloride)	ND	0.5	0.46	ug/L				
Dibromochloromethane	ND	0.5	0.3	ug/L				
1,2-Dichlorobenzene	ND	0.5	0.2	ug/L				
1,3-Dichlorobenzene	ND	0.5	0.3	ug/L				

1) Sample Preparation on 03-21-03 using EPA 624
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-1 (continued)
SAMPLE ID: 303-5176 TO 303-5184 Creek
SAMPLED: 17 MAR 03 08:30
METHOD: EPA 624

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
VOLATILE ORGANIC COMPOUNDS (continued)					1	03.22.03	V030036MSA	
1,4-Dichlorobenzene	ND	0.5	0.3	ug/L				
Dichlorodifluoromethane (F-12)	ND	0.5	0.3	ug/L				
1,1-Dichloroethane	ND	0.5	0.34	ug/L				
1,2-Dichloroethane (EDC)	ND	0.5	0.2	ug/L				
1,1-Dichloroethene	ND	0.5	0.49	ug/L				
cis-1,2-Dichloroethene	ND	0.5	0.44	ug/L				
trans-1,2-Dichloroethene	ND	0.5	0.43	ug/L				
1,2-Dichloropropane	ND	0.5	0.2	ug/L				
cis-1,3-Dichloropropene	ND	0.5	0.2	ug/L				
trans-1,3-Dichloropropene	ND	0.5	0.3	ug/L				
Dichlorotrifluoroethane (F-123)	ND	0.5	0.4	ug/L				
Ethylbenzene	ND	0.5	0.4	ug/L				
Methylene Chloride	ND	2.	0.4	ug/L				
Methyl tert-Butyl Ether (MTBE)	ND	0.5	0.3	ug/L				
1,1,2,2-Tetrachloroethane	ND	0.5	0.3	ug/L				
Tetrachloroethene (PCE)	ND	0.5	0.44	ug/L				
Toluene	ND	0.5	0.32	ug/L				
1,1,1-Trichloroethane (TCA)	ND	0.5	0.49	ug/L				
1,1,2-Trichloroethane	ND	0.5	0.3	ug/L				
Trichloroethene (TCE)	ND	0.5	0.3	ug/L				
Trichlorofluoromethane (F-11)	ND	0.5	0.48	ug/L				
Trichlorotrifluoroethane (F-113)	ND	1.	0.3	ug/L				
Vinyl Chloride	ND	0.5	0.47	ug/L				
Xylenes (Total)	ND	0.5	0.4	ug/L				
Surrogate Dibromofluoromethane	83.			%				
Surrogate 1,2-DCA-d4	88.			%				
Surrogate Toluene-d8	82.			%				
Surrogate 4-BFB	105.			%				

LAB NUMBER: D030498-2
SAMPLE ID: 303-5166 TO 303-5174 Lake
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 608

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
CHLORINATED PESTICIDES & PCBS					1	03.25.03	T030090OCP	1,2,3,4
Aldrin	ND	0.005	0.003	ug/L				

1) Sample Preparation on 03-20-03 using EPA 608
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-2 (continued) Lake
SAMPLE ID: 303-5166 TO 303-5174
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 608

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
CHLORINATED PESTICIDES & PCBS (continued)					1	03.25.03	T0300900CP	
alpha-BHC	ND	0.01	0.003	ug/L				
beta-BHC	ND	0.005	0.004	ug/L				
gamma-BHC (Lindane)	ND	0.01	0.003	ug/L				
delta-BHC	ND	0.005	0.002	ug/L				
Chlordane	ND	0.02	0.005	ug/L				
p,p'-DDD	ND	0.01	0.002	ug/L				
p,p'-DDE	ND	0.01	0.002	ug/L				
p,p'-DDT	ND	0.01	0.003	ug/L				
Dieldrin	ND	0.01	0.002	ug/L				
Endosulfan I	ND	0.01	0.002	ug/L				
Endosulfan II	ND	0.01	0.002	ug/L				
Endosulfan Sulfate	ND	0.01	0.002	ug/L				
Endrin	ND	0.01	0.002	ug/L				
Endrin Aldehyde	ND	0.01	0.002	ug/L				
Endrin Ketone	ND	0.01	0.002	ug/L				
Heptachlor	ND	0.01	0.003	ug/L				
Heptachlor Epoxide	ND	0.01	0.003	ug/L				
Methoxychlor	ND	0.01	0.003	ug/L				
Toxaphene	ND	0.5	0.4	ug/L				
PCB 1016	ND	0.1	0.05	ug/L				
PCB 1221	ND	0.1	0.03	ug/L				
PCB 1232	ND	0.1	0.04	ug/L				
PCB 1242	ND	0.1	0.05	ug/L				
PCB 1248	ND	0.1	0.05	ug/L				
PCB 1254	ND	0.1	0.07	ug/L				
PCB 1260	ND	0.1	0.05	ug/L				
Surrogate TCMX	75.			%				
Surrogate Decachlorobiphenyl	142.			%				

LAB NUMBER: D030498-2 (continued) Lake
SAMPLE ID: 303-5166 TO 303-5174
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 614

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
ORGANOPHOSPHOROUS PESTICIDES					1	03.29.03	T0300930PP	1.2.3
Chlorpyrifos (Dursban)	ND	0.5	0.2	ug/L				

1) Sample Preparation on 03-21-03 using EPA 614
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-2 (continued)
SAMPLE ID: 303-5166 TO 303-5174 Lake
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 614

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
ORGANOPHOSPHOROUS PESTICIDES (continued)					1	03.29.03	T0300930PP	
Demeton - O and - S	ND	0.5	0.3	ug/L				
Diazinon	ND	0.6	0.3	ug/L				
Disulfoton (Di-Syston)	ND	1.	0.3	ug/L				
Ethion	ND	0.5	0.2	ug/L				
Azinphos methyl (Guthion)	ND	2.5	0.6	ug/L				
Parathion methyl	ND	1.	0.2	ug/L				
Malathion	ND	0.5	0.2	ug/L				
Parathion (Ethyl Parathion)	ND	0.5	0.2	ug/L				
Surrogate-Tributylphosphate	119.			%				
Surrogate-Triphenylphosphate	113.			%				

LAB NUMBER: D030498-2 (continued)
SAMPLE ID: 303-5166 TO 303-5174 Lake
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 610

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)					1	03.22.03	R030027PAH	1,2,3,4
Acenaphthene	ND	0.3	0.17	ug/L				
Acenaphthylene	ND	0.2	0.03	ug/L				
Anthracene	ND	0.3	0.16	ug/L				
Benzo(a)anthracene	ND	0.3	0.12	ug/L				
Benzo(a)pyrene	ND	0.3	0.09	ug/L				
Benzo(b)fluoranthene	ND	0.3	0.11	ug/L				
Benzo(ghi)perylene	ND	0.1	0.06	ug/L				
Benzo(k)fluoranthene	ND	0.3	0.16	ug/L				
Chrysene	ND	0.3	0.14	ug/L				
Dibenzo(a,h)anthracene	ND	0.1	0.04	ug/L				
Fluoranthene	ND	0.05	0.03	ug/L				
Fluorene	ND	0.1	0.02	ug/L				
Indeno(1,2,3-cd)pyrene	ND	0.05	0.04	ug/L				
Naphthalene	ND	0.2	0.05	ug/L				
Phenanthrene	ND	0.05	0.03	ug/L				
Pyrene	ND	0.05	0.03	ug/L				
Surrogate p-Terphenyl	65.			%				

1) Sample Preparation on 03-19-03 using EPA 610
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) The sample was analyzed following alumina column cleanup (EPA Method 3611).

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

LAB NUMBER: D030498-2 (continued)
SAMPLE ID: 303-5166 TO 303-5174 Lake
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 625

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
SEMIVOLATILE ORGANIC COMPOUNDS					1	04.01.03	S030028BNA	1,2,3,4
Benzidine	ND	5.	1.	ug/L				
Benzylbutylphthalate	ND	5.	0.8	ug/L				
4-Bromophenyl phenyl ether	ND	5.	0.4	ug/L				
bis(2-chloroethoxy)methane	ND	5.	0.9	ug/L				
bis(2-chloroethyl)ether	ND	1.	0.7	ug/L				
bis(2-chloroisopropyl)ether	ND	2.	0.6	ug/L				
2-Chloronaphthalene	ND	5.	0.5	ug/L				
4-Chlorophenyl phenyl ether	ND	5.	0.5	ug/L				
Di-n-butylphthalate	ND	5.	1.	ug/L				
3,3-Dichlorobenzidine	ND	5.	0.3	ug/L				
Diethyl phthalate	ND	2.	0.7	ug/L				
Dimethyl phthalate	ND	2.	0.7	ug/L				
1,2-Dichlorobenzene	ND	2.	0.6	ug/L				
1,3-Dichlorobenzene	ND	1.	0.6	ug/L				
1,4-Dichlorobenzene	ND	1.	0.6	ug/L				
2,4-Dinitrotoluene	ND	5.	0.6	ug/L				
2,6-Dinitrotoluene	ND	5.	0.6	ug/L				
Di-n-octylphthalate	ND	5.	0.9	ug/L				
1,2-Diphenylhydrazine	ND	1.	0.6	ug/L				
bis(2-Ethylhexyl)phthalate	ND	5.	0.8	ug/L				
Hexachlorobenzene	ND	1.	0.4	ug/L				
Hexachlorobutadiene	ND	1.	0.7	ug/L				
Hexachlorocyclopentadiene	ND	5.	0.4	ug/L				
Hexachloroethane	ND	1.	0.6	ug/L				
Isophorone	ND	1.	0.8	ug/L				
Nitrobenzene	ND	1.	0.7	ug/L				
N-Nitrosodimethylamine	ND	5.	0.6	ug/L				
N-Nitrosodiphenylamine	ND	1.	0.7	ug/L				
N-Nitrosodi-n-propylamine	ND	5.	0.8	ug/L				
1,2,4-Trichlorobenzene	ND	5.	0.6	ug/L				
4-Chloro-3-methylphenol	ND	1.	0.5	ug/L				
2-Chlorophenol	ND	5.	0.6	ug/L				
2,4-Dichlorophenol	ND	5.	0.7	ug/L				
2,4-Dimethylphenol	ND	2.	0.9	ug/L				
2,4-Dinitrophenol	ND	5.	0.6	ug/L				
2-Methyl-4,6-dinitrophenol	ND	5.	0.9	ug/L				

1) Sample Preparation on 03-19-03 using EPA 625
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
4) Results have been confirmed by reanalysis out of holdtime.

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: D030498-2 (continued)								
SAMPLE ID: 303-5166 TO 303-5174								
SAMPLED: 17 MAR 03 09:00								
METHOD: EPA 625								
SEMIVOLATILE ORGANIC COMPOUNDS (continued)					1	04.01.03	S030028BNA	
2-Nitrophenol	ND	5.	0.7	ug/L				
4-Nitrophenol	ND	5.	0.6	ug/L				
Pentachlorophenol	ND	1.	.9	ug/L				
Phenol	ND	1.	0.4	ug/L				
2,4,6-Trichlorophenol	ND	5.	0.6	ug/L				
Surrogate Nitrobenzene-d5	46.			%				
Surrogate 2-Fluorobiphenyl	23.			%				
Surrogate Terphenyl-d14	84.			%				
Surrogate 2-Fluorophenol	34.			%				
Surrogate Phenol-d6	27.			%				
Surrogate 2,4,6-Tribromophenol	87.			%				
LAB NUMBER: D030498-2 (continued)								
SAMPLE ID: 303-5166 TO 303-5174								
SAMPLED: 17 MAR 03 09:00								
METHOD: EPA 624								
VOLATILE ORGANIC COMPOUNDS					1	03.22.03	V030036MSA	1,2,3
Acrolein	ND	5.	1.	ug/L				
Acrylonitrile	ND	2.	1.	ug/L				
Benzene	ND	0.5	0.3	ug/L				
Bromodichloromethane	ND	0.5	0.2	ug/L				
Bromoform	ND	0.5	0.2	ug/L				
Bromomethane (Methyl Bromide)	ND	0.5	0.42	ug/L				
Carbon Tetrachloride	ND	0.5	0.42	ug/L				
Chlorobenzene	ND	0.5	0.3	ug/L				
Chloroethane (Ethyl Chloride)	ND	0.5	0.34	ug/L				
2-Chloroethylvinyl ether	ND	1.	0.32	ug/L				
Chloroform	ND	0.5	0.31	ug/L				
Chloromethane (Methyl Chloride)	ND	0.5	0.46	ug/L				
Dibromochloromethane	ND	0.5	0.3	ug/L				
1,2-Dichlorobenzene	ND	0.5	0.2	ug/L				
1,3-Dichlorobenzene	ND	0.5	0.3	ug/L				
1,4-Dichlorobenzene	ND	0.5	0.3	ug/L				
Dichlorodifluoromethane (F-12)	ND	0.5	0.3	ug/L				

1) Sample Preparation on 03-21-03 using EPA 624
2) 'RL' (Reporting Limit) represents the lowest calibration standard in methods that require multipoint calibrations. RL is equivalent to the ML (Minimum Level) in the State Implementation Plan (SIP) of the California Toxics Rule (CTR).
3) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

LAB ORDER No.: D030498

ORGANIC ANALYTICAL RESULTS

LAB NUMBER: D030498-2 (continued)
SAMPLE ID: 303-5166 TO 303-5174 Lake
SAMPLED: 17 MAR 03 09:00
METHOD: EPA 624

ANALYTE	RESULT	R.L.	MDL	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
VOLATILE ORGANIC COMPOUNDS (continued)					1	03.22.03	V030036MSA	
1,1-Dichloroethane	ND	0.5	0.34	ug/L				
1,2-Dichloroethane (EDC)	ND	0.5	0.2	ug/L				
1,1-Dichloroethene	ND	0.5	0.49	ug/L				
cis-1,2-Dichloroethene	ND	0.5	0.44	ug/L				
trans-1,2-Dichloroethene	ND	0.5	0.43	ug/L				
1,2-Dichloropropane	ND	0.5	0.2	ug/L				
cis-1,3-Dichloropropene	ND	0.5	0.2	ug/L				
trans-1,3-Dichloropropene	ND	0.5	0.3	ug/L				
Dichlorotrifluoroethane (F-123)	ND	0.5	0.4	ug/L				
Ethylbenzene	ND	0.5	0.4	ug/L				
Methylene Chloride	ND	2.	0.4	ug/L				
Methyl tert-Butyl Ether (MTBE)	ND	0.5	0.3	ug/L				
1,1,2,2-Tetrachloroethane	ND	0.5	0.3	ug/L				
Tetrachloroethene (PCE)	ND	0.5	0.44	ug/L				
Toluene	ND	0.5	0.32	ug/L				
1,1,1-Trichloroethane (TCA)	ND	0.5	0.49	ug/L				
1,1,2-Trichloroethane	ND	0.5	0.3	ug/L				
Trichloroethene (TCE)	ND	0.5	0.3	ug/L				
Trichlorofluoromethane (F-11)	ND	0.5	0.48	ug/L				
Trichlorotrifluoroethane (F-113)	ND	1.	0.3	ug/L				
Vinyl Chloride	ND	0.5	0.47	ug/L				
Xylenes (Total)	ND	0.5	0.4	ug/L				
Surrogate Dibromofluoromethane	83.			%				
Surrogate 1,2-DCA-d4	92.			%				
Surrogate Toluene-d8	82.			%				
Surrogate 4-BFB	106.			%				

FROM :SONOMAWEST HOLDINGS INC TEL 925 4630 2003.04.03 [illegible]

Mike -

Hope you can read these - all are NO on your report. Please call me if you have any questions -

Ann

April 3, 2003

Fax Transmittal

To: Ann Hill

From: Mike Babbini @ Sonoma West Holdings

Subject: Missing lab results from CA Toxic Rule

Dear Ann:

The following list represents the Constituents that I cannot find lab results for. I have searched the Caltest Report of Analytical Results and have not found:

1. Chlorodibromomethane — Dibromochloromethane
2. Dichlorobromomethane — Bromodichloromethane
3. 1,1-Dichloroethylene — 1-1- Dichloroethene
4. 1,3-Dichloropropylene — total of cis + trans - 1,3- Dichloropropene
5. Tetrachloroethylene — Tetrachloroethene
6. 1,2 Trans-Dichloroethylene — Trans-1,2- Dichloroethene
7. Trichloroethylene — Trichloroethene
8. Butylbenzyl Phthalate — Benzylbutylphthalate

I have checked the results several times and either have overlooked these, or may be they have another name that I am not aware of.

Thanks,

Mike Babbini

BRELJE AND RACE

LABORATORIES, INC. 425 SOUTH E STREET • SANTA ROSA, CALIFORNIA 95404 • (707) 544-8807

April 22, 2003

Sample Collected: 03/17/03
Sample Received: 03/17/03
Collected By : MB

SonomaWest Holdings
North Facility
2064 Hwy 116 North
Sebastopol, CA 95472

LOG NUMBER	0303-5168-69	0303-5178-79
Sample Description:	Lake Davis	Creek

ANALYSIS

Please see attached report.

Analysis performed by an approved outside laboratory.

VERY TRULY YOURS,

BRELJE AND RACE LABORATORIES, INC.

ANN HILL, LABORATORY MANAGER
AH:kdd

LAB ORDER No.: D030500

REPORT of ANALYTICAL RESULTS

Report Date: 14 APR 2003
Received Date: 17 MAR 2003

Client: Ann Hill
Brelje and Race
425 South E. St.
Santa Rosa, CA 95404

Project: CTR REFERENCE LAB

Sampled by: CLIENT

Lab Number	Sample Identification	Matrix	Sampled Date/Time
D030500-1	303-5178 TO 303-5179	AQUEOUS	17 MAR 03 08:30
D030500-2	303-5168 TO 303-5169	AQUEOUS	17 MAR 03 09:00

Michael P. Hamilton
Project Manager

Christine Horn
Laboratory Director

CALTEST authorizes this report to be reproduced only in its entirety.
Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
'D.F.' means Dilution Factor and has been used to adjust the listed Reporting Limit (R.L.).
Acceptance Criteria for all Surrogate recoveries are defined in the QC Spike Data Reports.
Caltest collects samples in compliance with CFR 40, EPA Methods, Cal. Title 22, and Standard Methods.

INORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030500

ANALYTE	RESULT	R.L.	UNITS	D.F.	METHOD	ANALYZED	QC BATCH	NOTES
LAB NUMBER: D030500-1 SAMPLE ID: 303-5178 TO 303-5179 SAMPLED: 17 MAR 03 08:30								
Asbestos	RR			1				1,2
LAB NUMBER: D030500-2 SAMPLE ID: 303-5168 TO 303-5169 SAMPLED: 17 MAR 03 09:00								
Asbestos	RR			1				1,2

1) Analysis performed by EMSL Analytical, ELAP certification # 1620.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

ORGANIC ANALYTICAL RESULTS

LAB ORDER No.: D030500

ANALYTE	RESULT	R.L.	UNITS	D.F.	ANALYZED	QC BATCH	NOTES
LAB NUMBER: D030500-1 SAMPLE ID: 303-5178 TO 303-5179 SAMPLED: 17 MAR 03 08:30 METHOD:							
Tributyltin	RR			1			1,2
LAB NUMBER: D030500-2 SAMPLE ID: 303-5168 TO 303-5169 SAMPLED: 17 MAR 03 09:00 METHOD:							
Tributyltin	RR			1			1,2

1) Analysis performed by Severn Trent Labs, Tacoma WA (STL), NELAP Cert 01170CA.
2) RR = Refer to the attached reference laboratory report for the original certificate of analysis and supporting Quality Control data.

EMSL Analytical, Inc
382 South Abbott Avenue, Milpitas, CA 95035
Phone: (408) 934-7010 Fax: (408) 934-7015 Email: milpitaslab@emsl.com

Attn: Mike Hamilton
Caltest Analytical Laboratory
1885 North Kelly Road
Napa, CA 94558
Fax: (707) 226-1001 Phone:
Project: **D030500**

Customer ID: CALT50
Customer PO:
Received: 03/18/03 10:12 AM

EMSL Order: 090300571
EMSL Project ID:
Analysis Date: 3/25/2003

COMMENTS

Determination of Asbestos Structures over 10um in Length in Drinking Water Performed by the EPA 100.2 Method

SAMPLE ID	#ASBESTOS FIBERS	# NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	ANALYTICAL SENSITIVITY (MFL)	CONFIDENCE LIMITS	CONCENTRATION OF ASBESTOS FIBERS (MFL)
303-5179 *090300571-0001*	0	0		1.02	0.00-3.78	<3.78
303-5169 *090300571-0002*	0	0		1.02	0.00-3.78	<3.78

Sensitivity is above 0.20 due to particulate loading.

Patrick Kelleher
Analyst

or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL>10um. ND=None Detected. Fiber counting data will be reported as follows: No Fibers detected: The value will be reported as less than 389% of the concentration equivalent to one fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson), 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson assumption. When more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The large of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson will also be noted. This report may not be reproduced, except in full, without written permission by EMSL Analytical, Inc.

TEM100.2-1

SEVERN TRENT STL

STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

TRANSMITTAL MEMORANDUM

DATE: March 26, 2003

TO: Michael Hamilton
Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

PROJECT: D030500

REPORT NUMBER: 112568

TOTAL NUMBER OF PAGES: 7

Enclosed are the test results for two samples received at STL Seattle on March 19, 2003.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,

Tom Watson
Project Manager

STL Seattle

Sample Identification:

Lab. No.	Client ID	Date/Time Sampled	Matrix
112568-1	303-5178 To 303-5179	03-17-03 08:30	Liquid
112568-2	303-5168 To 303-5169	03-17-03 09:00	Liquid

STL Seattle

Client Name	Caltest Analytical Laboratory
Client ID:	303-5178 TO 303-5179
Lab ID:	112568-01
Date Received:	3/19/2003
Date Prepared:	3/21/2003
Date Analyzed:	3/22/2003
% Solids	-
Dilution Factor	2

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

			Recovery Limits	
Surrogate	**% Recovery**	**Flags**	**Low**	**High**
Tripentyltin	59.9		52	166

Analyte	**Result (ug/L)**	**PQL**	**MDL**	**Flags**
Tributyltin	ND	0.00406	0.0014	

STL Seattle

Client Name	Caltest Analytical Laboratory
Client ID:	303-5168 TO 303-5169
Lab ID:	112568-02
Date Received:	3/19/2003
Date Prepared:	3/21/2003
Date Analyzed:	3/22/2003
% Solids	-
Dilution Factor	2

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

			Recovery Limits	
Surrogate	**% Recovery**	**Flags**	**Low**	**High**
Tripentyltin	51.4	X9	52	166

Analyte	**Result (ug/L)**	**PQL**	**MDL**	**Flags**
Tributyltin	ND	0.00426	0.00147	

STL Seattle

Lab ID:	Method Blank - WTN0095
Date Received:	-
Date Prepared:	3/21/2003
Date Analyzed:	3/21/2003
% Solids	-
Dilution Factor	2

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

Surrogate	% Recovery	Flags	Recovery Limits Low	Recovery Limits High
Tripentyltin	65.1		52	166

Analyte	Result (ug/L)	PQL	MDL	Flags
Tributyltin	ND	0.004	0.00138	

STL Seattle

Blank Spike/Blank Spike Duplicate Report

Lab ID:	WTN0095
Date Prepared:	3/21/2003
Date Analyzed:	3/21/2003
QC Batch ID:	WTN0095

Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

Compound Name	Blank Result (ug/L)	Spike Amount (ug/L)	BS Result (ug/L)	BS % Rec.	BSD Result (ug/L)	BSD % Rec.	RPD	Flag
Tributyltin	0	0.134	0.0588	44	0.0537	40.2	-9	

112568

3!

Caltest ANALYTICAL LABORATORY

1885 N. KELLY ROAD NAPA, CA 94558 (707) 258-4000 FAX (707) 226-1001

PAGE 1 OF 1

SAMPLE CHAIN OF CUSTODY

PROJECT NAME / PROJECT NUMBER: D030500		P.O. #: D030500	LAB ORDER #:
CLIENT: Caltest Analytical Laboratory	REPORT TO: (circle one) Michael Hamilton		
MAILING ADDRESS: 1885 N. Kelly Road	STATE: CA	ZIP: 94558	
BILLING ADDRESS: Same	ATTN: Same		
PHONE #: 707/258-4000	FAX PHONE: 707/226-1001	SAMPLER (PRINT & SIGN NAME):	

ANALYSED REQUESTED

TURN-AROUND TIME: [X] STANDARD [ ] RUSH

DUE DATE:

CALTEST LAB #	DATE SAMPLED	TIME SAMPLED	SAMPLE MATRIX*	CONTAINER TYPE/ AMOUNT**	PRESERVATIVE	SAMPLE IDENTIFICATION / SITE	TRIBUTYLTIN	REMARKS
	03.17.03	0830	FE	AMBER LITER	NONE	303-5178 TO 303-5179	X	Please include P.O. NUMBER,
	03.17.03	0900	FE	AMBER LITER	NONE	303-5168 TO 303-5169	X	PROJECT NUMBER, and SAMPLE
								ID/SITE on REPORT and INVOICE.
								*Please RETURN COOLER.
								PLEASE FLAG DOWN TO MDL AND
								INCLUDE MDL AND RL ON REPORT

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
Leah Yarita	3/18/03	UPS		3/19/03 2:00	

FOR LAB USE ONLY

Samples: WC ___ MICRO ___ BIO ___ AA ___ SV ___ VOA ___ pH? Y/N TEMP: SEALED: Y/N INTACT: Y/N

BD: BIO ___ WC ___ AA ___

CC: AA ___ SV ___ VOA ___

SIL: HP ___ PT ___ QT ___ VOA ___

W/HNO_3 ___ H_2SO_4 ___ NaOH ___

PIL: HNO_3 ___ H_2SO_4 ___ NaOH ___ HCL ___

COMMENTS:

SUBCONTRACT LAB NAME:

STL

5755 8th Street East

Tacoma, Washington 98424

PH (253) 922-2310

*MATRIX: AQ = Aqueous Nondrinking Water. Digested Metals: FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil Sludge, Solid ; FP =

**CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT = Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4oz. BACT; BT = Brass Tube; VOA = 40mL VOA; OTC - Other Type Container

R ___ PR ___ M ___ F ___

REV. 2/25/00

~~D030478~~
Caltest
3/17
D030500

ARELJE AND RACE

CHAIN OF CUSTODY

LABORATORIES, INC. 425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
3/17	8:30	none	4L Amber	303-5176	WW	CTR-EPA 608+EPA 610	
		none	"	303-5177	"	CTR-EPA 614+EPA 625	
		none	2L Amber	303-5178	"	CTR Tributyltin	
		none	1L Nalgene	303-5179	"	CTR-Asbestos	
		"	1 pt. Plastic	303-5180	"	CTR-HexCr-EPA 7196	
		NaOH	1L Nalgene	303-5181	"	CTR Cyanide-EPA 335.2	
		none	500 mL Amber glass bagged	303-5182	"	CTR-EPA 1631	
		HNO_3	500 ml Plastic	303-5183	"	CTR Metals-EPA 200.8	
		HCl	3-40mL VOA	303-5184	"	CTR EPA 624	

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:
	3/17/03 4:10PM				APR 21 2003

BRELJE AND RACE

LABORATORIES, INC. 425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

CHAIN OF CUSTODY

D050498
Caltest

Sm
3/17 D020500

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
3/17/03	9:00am	none	4L Amber	303-5166	WW	EPA CTR-608 + EPA 610	
↓	↓	none	"	303-5167	"	CTR-EPA 614 + EPA 625	
		none	2L Amber	303-5168	"	CTR Tributyltin	
		none	1L Nalgene	303-5169	"	CTR- Asbestos	
		"	1 pt. plastic	303-5170	"	CTR-HexCr- EPA 7196	
		NaOH	1L Nalgene	303-5171	"	CTR Cyanide - EPA 335.2	
		none	500 mL Amber double bagged	303-5172	"	CTR - EPA 1631	
		HNO3	500 ml plastic	303-5173	"	CTR Metals - EPA 200.8	
↓	↓	HCl	3-40mL VOA	303-5174	"	CTR EPA 624	

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:
Aubrey Thompson	3/17/03 4:10pm	[signature]			APR 21 2003

NELAP Certification 01103CA

Caltest
ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

ELAP Certification 1664

LAB ORDER No.: D030498

SUPPLEMENTAL QUALITY CONTROL (QC) DATA REPORT

Report Date: 04 APR 2003
Received Date: 17 MAR 2003

Client: Ann Hill
Brelje and Race
425 South E. St.
Santa Rosa, CA 95404

Project: CTR ANALYSIS

QC Batch ID	Method	Matrix
A030319MER	1631E	AQUEOUS
A030322IMS	200.8	AQUEOUS
A030324IMS	200.8	AQUEOUS
I030030CR6	SM3500CR D	AQUEOUS
I030037CYA	335.2	AQUEOUS
R030027PAH	610	AQUEOUS
S030028BNA	625	AQUEOUS
T0300900CP	608	AQUEOUS
T0300930PP	614	AQUEOUS
V030036MSA	624	AQUEOUS

RWQCB
REGION 1

APR 28 2003

☐ SAW ☐ FCR ☐
☐ RLT ☐ LGR ☐ KAD
☐ NPQ ☐ RSG ☐ EJL

Michael P. Hamilton
Project Manager

Christine Horn
Laboratory Director

Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
Analyte Spike Amounts reported as 'NS' mean not spiked and will not have recoveries reported.
'RPD' means Relative Percent Difference and RPD Acceptance Criteria is stated as a maximum.
'NC' means not calculated for RPD or Spike Recoveries.

1885 North Kelly Road • Napa, California 94558
(707) 258-4000 • Fax: (707) 226-1001 • e-mail: caltest@caltestlab.com

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: A030319MER					
Mercury, Trace Level	ND	0.0005	ug/L	03.21.03	
QC BATCH: A030322IMS					
Antimony	ND	0.5	ug/L	04.01.03	
Arsenic	ND	0.5	ug/L	04.01.03	
Beryllium	ND	0.1	ug/L	04.01.03	
Cadmium	ND	0.1	ug/L	04.01.03	
Chromium	ND	0.5	ug/L	04.01.03	
Copper	ND	0.5	ug/L	04.01.03	
Lead	ND	0.25	ug/L	04.01.03	
Nickel	ND	0.5	ug/L	04.01.03	
Silver	ND	0.1	ug/L	04.01.03	
Thallium	ND	0.1	ug/L	04.01.03	
Zinc	ND	1.	ug/L	04.01.03	
QC BATCH: A030324IMS					
Selenium	ND	1.	ug/L	03.28.03	
QC BATCH: I030030CR6					
Chromium (VI)	ND	0.002	ug/L	03.17.03	
QC BATCH: I030037CYA					
Cyanide, total	ND	3.	ug/L	03.25.03	
QC BATCH: R030027PAH					
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)				03.21.03	1
Acenaphthene	ND	0.3	ug/L		
Acenaphthylene	ND	0.2	ug/L		
Anthracene	ND	0.3	ug/L		
Benzo(a)anthracene	ND	0.3	ug/L		
Benzo(a)pyrene	ND	0.3	ug/L		
Benzo(b)fluoranthene	ND	0.3	ug/L		
Benzo(ghi)perylene	ND	0.1	ug/L		
Benzo(k)fluoranthene	ND	0.3	ug/L		

1) The sample was analyzed following alumina column cleanup (EPA Method 3611).

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: R030027PAH (continued)					
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) (continued)				03.21.03	
Chrysene	ND	0.3	ug/L		
Dibenzo(a,h)anthracene	ND	0.1	ug/L		
Fluoranthene	ND	0.05	ug/L		
Fluorene	ND	0.1	ug/L		
Indeno(1,2,3-cd)pyrene	ND	0.05	ug/L		
Naphthalene	ND	0.2	ug/L		
Phenanthrene	ND	0.05	ug/L		
Pyrene	ND	0.05	ug/L		
Surrogate p-Terphenyl	80.		%		
QC BATCH: S030028BNA					
SEMIVOLATILE ORGANIC COMPOUNDS				04.01.03	1
Benzidine	ND	5.	ug/L		
Benzylbutylphthalate	ND	5.	ug/L		
4-Bromophenyl phenyl ether	ND	5.	ug/L		
bis(2-chloroethoxy)methane	ND	5.	ug/L		
bis(2-chloroethyl)ether	ND	1.	ug/L		
bis(2-chloroisopropyl)ether	ND	2.	ug/L		
2-Chloronaphthalene	ND	5.	ug/L		
4-Chlorophenyl phenyl ether	ND	5.	ug/L		
Di-n-butylphthalate	ND	5.	ug/L		
3,3-Dichlorobenzidine	ND	5.	ug/L		
Diethyl phthalate	ND	2.	ug/L		
Dimethyl phthalate	ND	2.	ug/L		
1,2-Dichlorobenzene	ND	2.	ug/L		
1,3-Dichlorobenzene	ND	1.	ug/L		
1,4-Dichlorobenzene	ND	1.	ug/L		
2,4-Dinitrotoluene	ND	5.	ug/L		
2,6-Dinitrotoluene	ND	5.	ug/L		
Di-n-octylphthalate	ND	5.	ug/L		
1,2-Diphenylhydrazine	ND	1.	ug/L		
bis(2-Ethylhexyl)phthalate	ND	5.	ug/L		
Hexachlorobenzene	ND	1.	ug/L		
Hexachlorobutadiene	ND	1.	ug/L		
Hexachlorocyclopentadiene	ND	5.	ug/L		
Hexachloroethane	ND	1.	ug/L		
Isophorone	ND	1.	ug/L		
Nitrobenzene	ND	1.	ug/L		
N-Nitrosodimethylamine	ND	5.	ug/L		
N-Nitrosodiphenylamine	ND	1.	ug/L		

1) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: S030028BNA (continued)					
SEMIVOLATILE ORGANIC COMPOUNDS (continued)				04.01.03	
N-Nitrosodi-n-propylamine	ND	5.	ug/L		
1,2,4-Trichlorobenzene	ND	5.	ug/L		
4-Chloro-3-methylphenol	ND	1.	ug/L		
2-Chlorophenol	ND	5.	ug/L		
2,4-Dichlorophenol	ND	5.	ug/L		
2,4-Dimethylphenol	ND	2.	ug/L		
2,4-Dinitrophenol	ND	5.	ug/L		
2-Methyl-4,6-dinitrophenol	ND	5.	ug/L		
2-Nitrophenol	ND	5.	ug/L		
4-Nitrophenol	ND	5.	ug/L		
Pentachlorophenol	ND	1.	ug/L		
Phenol	ND	1.	ug/L		
2,4,6-Trichlorophenol	ND	5.	ug/L		
Surrogate Nitrobenzene-d5	44.		%		
Surrogate 2-Fluorobiphenyl	18.		%		
Surrogate Terphenyl-d14	78.		%		
Surrogate 2-Fluorophenol	35.		%		
Surrogate Phenol-d6	26.		%		
Surrogate 2,4,6-Tribromophenol	66.		%		
QC BATCH: T030090OCP					
CHLORINATED PESTICIDES & PCBS				03.25.03	
Aldrin	ND	0.005	ug/L		
alpha-BHC	ND	0.01	ug/L		
beta-BHC	ND	0.005	ug/L		
gamma-BHC (Lindane)	ND	0.01	ug/L		
delta-BHC	ND	0.005	ug/L		
Chlordane	ND	0.02	ug/L		
p,p'-DDD	ND	0.01	ug/L		
p,p'-DDE	ND	0.01	ug/L		
p,p'-DDT	ND	0.01	ug/L		
Dieldrin	ND	0.01	ug/L		
Endosulfan I	ND	0.01	ug/L		
Endosulfan II	ND	0.01	ug/L		
Endosulfan Sulfate	ND	0.01	ug/L		
Endrin	ND	0.01	ug/L		
Endrin Aldehyde	ND	0.01	ug/L		
Endrin Ketone	ND	0.01	ug/L		
Heptachlor	ND	0.01	ug/L		
Heptachlor Epoxide	ND	0.01	ug/L		
Methoxychlor	ND	0.01	ug/L		
Toxaphene	ND	0.5	ug/L		

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: T0300900CP (continued)					
CHLORINATED PESTICIDES & PCBS (continued)				03.25.03	
PCB 1016	ND	0.1	ug/L		
PCB 1221	ND	0.1	ug/L		
PCB 1232	ND	0.1	ug/L		
PCB 1242	ND	0.1	ug/L		
PCB 1248	ND	0.1	ug/L		
PCB 1254	ND	0.1	ug/L		
PCB 1260	ND	0.1	ug/L		
Surrogate TCMX	39.		%		
Surrogate Decachlorobiphenyl	126.		%		
QC BATCH: T0300930PP					
ORGANOPHOSPHOROUS PESTICIDES				03.29.03	1
Chlorpyrifos (Dursban)	ND	0.5	ug/L		
Demeton - O and - S	ND	0.5	ug/L		
Diazinon	ND	0.6	ug/L		
Disulfoton (Di-Syston)	ND	1.	ug/L		
Ethion	ND	0.5	ug/L		
Azinphos methyl (Guthion)	ND	2.5	ug/L		
Parathion methyl	ND	1.	ug/L		
Malathion	ND	0.5	ug/L		
Parathion (Ethyl Parathion)	ND	0.5	ug/L		
Surrogate-Tributylphosphate	60.		%		
Surrogate-Triphenylphosphate	77.		%		
QC BATCH: V030036MSA					
VOLATILE ORGANIC COMPOUNDS				03.21.03	2
Acrolein	ND	5.	ug/L		
Acrylonitrile	ND	2.	ug/L		
Benzene	ND	0.5	ug/L		
Bromodichloromethane	ND	0.5	ug/L		
Bromoform	ND	0.5	ug/L		
Bromomethane (Methyl Bromide)	ND	0.5	ug/L		
Carbon Tetrachloride	ND	0.5	ug/L		
Chlorobenzene	ND	0.5	ug/L		
Chloroethane (Ethyl Chloride)	ND	0.5	ug/L		

1) Analytes reported as 'ND' were not detected at or above the listed Method Detection Limits (MDL).
2) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

LAB ORDER No.: D030498

METHOD BLANK ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: V030036MSA (continued)					
VOLATILE ORGANIC COMPOUNDS (continued)				03.21.03	
2-Chloroethylvinyl ether	ND	1.	ug/L		
Chloroform	ND	0.5	ug/L		
Chloromethane (Methyl Chloride)	ND	0.5	ug/L		
Dibromochloromethane	ND	0.5	ug/L		
1.2-Dichlorobenzene	ND	0.5	ug/L		
1.3-Dichlorobenzene	ND	0.5	ug/L		
1.4-Dichlorobenzene	ND	0.5	ug/L		
Dichlorodifluoromethane (F-12)	ND	0.5	ug/L		
1.1-Dichloroethane	ND	0.5	ug/L		
1.2-Dichloroethane (EDC)	ND	0.5	ug/L		
1.1-Dichloroethene	ND	0.5	ug/L		
cis-1.2-Dichloroethene	ND	0.5	ug/L		
trans-1.2-Dichloroethene	ND	0.5	ug/L		
1.2-Dichloropropane	ND	0.5	ug/L		
cis-1.3-Dichloropropene	ND	0.5	ug/L		
trans-1.3-Dichloropropene	ND	0.5	ug/L		
Dichlorotrifluoroethane (F-123)	ND	0.5	ug/L		
Ethylbenzene	ND	0.5	ug/L		
Methylene Chloride	J0.445	2.	ug/L		
Methyl tert-Butyl Ether (MTBE)	ND	0.5	ug/L		
1.1.2.2-Tetrachloroethane	ND	0.5	ug/L		
Tetrachloroethene (PCE)	ND	0.5	ug/L		
Toluene	ND	0.5	ug/L		
1.1.1-Trichloroethane (TCA)	ND	0.5	ug/L		
1.1.2-Trichloroethane	ND	0.5	ug/L		
Trichloroethene (TCE)	ND	0.5	ug/L		
Trichlorofluoromethane (F-11)	ND	0.5	ug/L		
Trichlorotrifluoroethane (F-113)	ND	1.	ug/L		
Vinyl Chloride	ND	0.5	ug/L		
Xylenes (Total)	ND	0.5	ug/L		
Surrogate Dibromofluoromethane	82.		%		
Surrogate 1.2-DCA-d4	81.		%		
Surrogate Toluene-d8	84.		%		
Surrogate 4-BFB	108.		%		

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A030319MER							
Mercury, Trace Level	0.0200	0.0202\	101\	71-125\20		03.21.03	
QC BATCH: A030322IMS							
Antimony	20.0	20.3\	102\	80-120\20		04.01.03	
Arsenic	20.0	21.2\	106\	80-120\20		04.01.03	
Beryllium	20.0	20.6\	103\	80-120\20		04.01.03	
Cadmium	20.0	20.2\	101\	80-120\20		04.01.03	
Chromium	20.0	21.3\	106\	80-120\20		04.01.03	
Copper	20.0	20.4\	102\	80-120\20		04.01.03	
Lead	20.0	20.3\	102\	80-120\20		04.01.03	
Nickel	20.0	20.7\	104\	80-120\20		04.01.03	
Silver	20.0	19.8\	99\	80-120\20		04.01.03	
Thallium	20.0	20.3\	102\	80-120\20		04.01.03	
Zinc	20.0	20.1\	100\	80-120\20		04.01.03	
QC BATCH: A030324IMS							
Selenium	20.0	18.5\	92\	80-120\20		03.28.03	
QC BATCH: I030030CR6							
Chromium (VI)	0.04	0.04\	100\	75-125\20		03.17.03	
QC BATCH: I030037CYA							
Cyanide, total	40.	40.4\	101\	75-125\20		03.25.03	
QC BATCH: R030027PAH							
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)						03.21.03	1
Benzo(a)pyrene	4.00	2.29\	57\	31-105\25			
Fluorene	4.00	3.03\	76\	28-74\25			
Pyrene	4.00	2.96\	74\	40-93\25			
Surrogate p-Terphenyl	4.00	2.96\	74\	59-114\			

1) The sample was analyzed following alumina column cleanup (EPA Method 3611).

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: S030028BNA							
SEMIVOLATILE ORGANIC COMPOUNDS						04.01.03	
1,4-Dichlorobenzene	50.0	3.90\	8\	10-100\			
2,4-Dinitrotoluene	50.0	38.3\	77\	30-130\22			
N-Nitrosodi-n-propylamine	50.0	29.7\	59\	30-130\21			
1,2,4-Trichlorobenzene	50.0	5.00\	10\	10-120\			
4-Chloro-3-methylphenol	100	57.2\	57\	10-130\35			
2-Chlorophenol	100	51.1\	51\	25-120\			
4-Nitrophenol	100	40.8\	41\	20-120\24			
Pentachlorophenol	100	91.9\	92\	20-140\			
Phenol	100	29.2\	29\	20-120\56			
Surrogate Nitrobenzene-d5	50.0	24.9\	50\	20-120\			
Surrogate 2-Fluorobiphenyl	50.0	10.3\	21\	10-120\			
Surrogate Terphenyl-d14	50.0	41.0\	82\	30-130\			
Surrogate 2-Fluorophenol	100	39.3\	39\	20-120\			
Surrogate Phenol-d6	100	28.9\	29\	10-120\			
Surrogate 2,4,6-Tribromophenol	100	74.9\	75\	30-140\			
QC BATCH: T0300900CP							
CHLORINATED PESTICIDES & PCBS						03.25.03	
Aldrin	0.200	0.0682\	34\	30-130\25			
gamma-BHC (Lindane)	0.200	0.160\	80\	59-93\20			
p,p'-DDT	0.200	0.194\	97\	30-127\14			
Dieldrin	0.200	0.180\	90\	63-107\17			
Endrin	0.200	0.175\	88\	44-117\22			
Heptachlor	0.200	0.0939\	47\	28-104\17			
Surrogate TCMX	0.200	0.0682\	34\	14-78\			
Surrogate Decachlorobiphenyl	0.200	0.176\	88\	38-115\			
QC BATCH: T0300930PP							
ORGANOPHOSPHOROUS PESTICIDES						03.29.03	
Diazinon	3.00	2.23\	74\	40-140\25			
Disulfoton (Di-Syston)	3.00	1.80\	60\	30-130\25			
Azinphos methyl (Guthion)	3.00	1.90\	64\	30-130\25			
Parathion methyl	3.00	2.15\	72\	30-130\30			
Surrogate-Tributylphosphate	5.00	3.37\	67\	20-120\			
Surrogate-Triphenylphosphate	5.00	3.98\	80\	45-138\			

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: V030036MSA							
VOLATILE ORGANIC COMPOUNDS						03.21.03	
Benzene	20.0	17.2\	86\	60-140\25			
Chlorobenzene	20.0	21.0\	105\	60-130\25			
1.1-Dichloroethene	20.0	17.7\	88\	60-130\25			
Methyl tert-Butyl Ether (MTBE)	20.0	16.5\	82\	60-130\30			
Toluene	20.0	17.6\	88\	60-140\25			
Trichloroethene (TCE)	20.0	16.6\	83\	60-130\25			
Surrogate Dibromofluoromethane	12.0	9.55\	80\	60-130\			
Surrogate 1,2-DCA-d4	12.0	9.25\	77\	60-130\			
Surrogate Toluene-d8	12.0	9.89\	82\	60-130\			
Surrogate 4-BFB	12.0	12.8\	107\	55-145\			

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A030319MER QC SAMPLE LAB NUMBER: D030605-2								
Mercury, Trace Level	0.00384	0.0200	0.0230\0.0224	96\93	71-125\20	2.6	03.21.03	
QC BATCH: A030322IMS QC SAMPLE LAB NUMBER: D030493-1								
Antimony	ND	20.0	21.9\22.7	110\114	80-120\20	3.6	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Arsenic	3.16	20.0	24.2\24.5	105\106	80-120\20	1.2	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Beryllium	ND	20.0	16.4\16.2	82\81	80-120\20	1.2	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Cadmium	ND	20.0	19.1\19.7	96\98	80-120\20	3.1	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Chromium	ND	20.0	20.0\19.6	100\98	80-120\20	2.0	03.31.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Copper	1.56	20.0	20.1\21.2	92\98	80-120\20	5.3	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Lead	ND	20.0	19.8\20.0	99\100	80-120\20	1.0	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Nickel	18.5	20.0	37.5\41.4	95\114	80-120\20	9.9	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Silver	ND	20.0	18.1\18.5	90\92	80-120\20	2.2	04.01.03	
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Thallium	ND	20.0	19.3\19.8	96\99	80-120\20	2.6	04.01.03	

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: D030498

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A030322IMS (continued)								
QC BATCH: A030322IMS (continued) QC SAMPLE LAB NUMBER: D030493-1								
Zinc	57.9	20.0	76.3\78.5	92\103	80-120\20	2.8	04.01.03	
QC BATCH: A030324IMS QC SAMPLE LAB NUMBER: D030526-3								
Selenium	ND	20.0	19.6\18.4	98\92	80-120\20	6.3	03.28.03	
QC BATCH: I030030CR6 QC SAMPLE LAB NUMBER: D030498-1								
Chromium (VI)	ND	0.04	0.036\0.036	90\90	75-125\20	0.0	03.17.03	
QC BATCH: I030037CYA QC SAMPLE LAB NUMBER: D030400-4								
Cyanide, total	6.	40.	45.1\44.8	98\97	75-125\20	0.7	03.25.03	

DU30498
Caltest

RRELJE AND RACE

CHAIN OF CUSTODY

LABORATORIES, INC. 425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
3/17	8:30	none	4L Amber	303-5176	WW	CTR-EPA 608+EPA 610	
		none	"	303-5177	"	CTR-EPA 614+EPA 625	
		none	2L Amber	303-5178	"	CTR Tributyltin	*
		none	1L Halgene	303-5179	"	CTR-Asbestos	
		"	1 pt. plastic	303-5180	"	CTR-HexCr-EPA 7196	
		NaOH	1L Halgene	303-5181	"	CTR Cyanide-EPA 335.2	
		none	500 ml amber glass	303-5182	"	CTR-EPA 1631	
		HNO_3	500 ml plastic	303-5183	"	CTR Metals-EPA 200.8	
		HCl	3-40mL VOA	303-5184	"	CTR EPA 624	

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:
Andrea Thompson	3/17/03 4:10PM				APR 0 8 2003

EM

Caltest

BRELJE AND RACE

CHAIN OF CUSTODY

LABORATORIES, INC. 425 SOUTH E STREET SANTA ROSA, CALIFORNIA 95404 (707) 544-8807

Sampler's Signature

Date	Time	Preservative	Type of Bottle	Sample Identification	Type of Sample	Analyses Requested	Remarks:
3/17/03	9:00am	none	4L Amber	303-5166	WW	EPA CTR-608 + EPA 610	
↓	↓	none	"	303-5167	"	EPA 614 + CTR-EPA 625	
		none	2L Amber	303-5168	"	CTR Tributyltin	*
		none	1L Nalgene	303-5169	"	CTR- Asbestos	
		"	1 pt. plastic	303-5170	"	CTR-HexCr-EPA 7196	
		NaOH	1L Nalgene	303-5171	"	CTR Cyanide-EPA 335.2	
		none	500 mL amber glass bagged	303-5172	"	CTR-EPA 1631	
		HNO3	500 ml plastic	303-5173	"	CTR Metals-EPA 200.8	
		HCl	3-40mL VOA	303-5174	"	CTR EPA 624	

Relinquished by:	Date/Time	Received by:	Relinquished by:	Date/Time	Received by:
Aubrey [signature]	3/17/03 4:10pm	[signature]			

* [illegible] to [illegible] lab [illegible] # [illegible] 3/[illegible]/03