



THURSTON COUNTY  
WASHINGTON  
SINCE 1852

RECEIVED  
Environmental Health Division

'97 MAY 30 08:44

DEPARTMENT OF ECOCHEMISTRY  
S.W. REGIONAL OFFICE

5-28-97

Tammy,

Enclosed is a map, field notes  
and sample results from the  
round of Groundwater sampling  
that TCHD did. Any  
questions please call or e-mail  
tousleg@co.thurston.wa.gov.

6.7

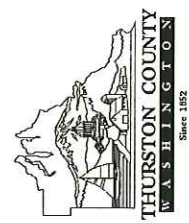
↑ NW

DNR Webster Nursery

THURSTON COUNTY HEALTH

Samples Taken

- 1-Pond
- 1-Creek
- 7-residence
- 2-MHP



Not to Scale  
 Fri May 23 11:07:02 1997  
 All Locations are Approximate. Therefore  
 this map is to be used as an illustration  
 only. All data represented may change  
 without notice!

4/9/97 Bob Mead Gerald Toussely  
 Belle Fuchs - DNR Nursery ①  
 sampling on Blomberg.

Blomberg 12:05 pm  
 9810 Holzmeister - on Los Cedros

9815 - Not Home - Wesley Bailey

9907 - Kenry & Kathy Jensen - 80'  
 Michaels Drilling 2/976 - 6" Dia  
 Fe/Mn Filter

surveyor II sonde # 07376 SVR2-SU

Hydrolab # 3440 - has Fresh water  
 sp. cond. cell. These readings must  
 be divided by 5.

Well started purging @ 12<sup>15</sup>

	temp	pH	D.O	spCond	ORP
1235	11.17	6.21	3.87	.965	.149
:38	11.07	6.29	4.51	.968	.154
time to fill 5 gal bucket = 44 sec					
:41	11.02	6.23	3.85	.970	.154
:44	10.98	6.23	3.75	.970	.155
:47	10.95	6.23	3.75	.971	.156
:51	10.91	6.20	3.75	.973	.158
:54	10.94	6.20	3.70	.972	.158

44 sec / 5 gal = 6.8 gpm

sampled @ 12:55 for 515.1 & 508

265+ gallons purged.

Sample ID (508) 9907

" " (515.1) 9907

9815 Blomberg - Wesley Bailey

Not at home - Mr Jensen has key, says

it's OK to sample.

Sec to fill 5 gal bucket: 25. Started purging at 12:09 = 12.0 gpm

Water smells strongly of sulphur or sewage. Faint (greenish) <sup>yellow</sup> hue to water. Sampled from hose bib on S. side of house

time	temp	pH	D.O	spCond	ORP
1:13	10.72	7.59	0.51	1.182	-190
1:16	10.71	7.57	0.39	1.178	-176
1:19	10.68	7.52	0.34	1.159	-173
1:22	10.64	7.49	0.34	1.156	-173
1:25	10.62	7.46	0.34	1.158	-173
1:28	10.60	7.44	0.34	1.159	-173
1:31	10.59	7.42	0.34	1.159	-175
1:34	10.63	7.40	0.34	1.159	-176
1:37	10.57	7.40	0.34	1.159	-180

No. 312

9815 - cont

sampled @ 1:38 - 346 + gallons purged.  
Water smell & color much improved; still easily detectible smell & color.

Our water bucket has ~ 1 teaspoon sand  
Water appears very turbid.

9811 Blomberg Dave Scherr (at home)

943-0659

reports well ~ 60 feet deep, ~ 10 years old  
6" dia. started purging 1:45  
sampled from hose bib on N. side of house

Water is clear but has strong sewage/  
sulphur odor

43 sec to fill 5 gal bucket. (7.0 gpm)

Vegetation is alders, has look of shallow  
water table

Field Blank at 14:05 for same analytes

time	temp	pH	D.O.	Sp Cond	ORP
1:59	10.20	6.85	0.64	.953	-.104
2:03	10.26	6.78	0.35	.949	-.119
2:06	10.31	6.77	0.34	.949	-.124
2:09	10.28	6.77	0.35	.951	-.128
2:13	10.22	6.77	0.29	.951	-.134
2:17	10.22	6.78	0.29	.952	-.137

J.L. DARLING CORP  
TACOMA, WA 98421

ALL WEATHER WRITING PAPER

Sampled at 2:19

Eastman Ref - Hoffman

2:49 PM

10011 Blomberg Harold Parks

1:09 minutes to fill 5 gal

Water is markedly reddish brown

Mr Parks says he has a permanganate filter on but he hasn't recharged the

permanganate for a long time. Sampled downstream from filter.

Started purging at 2:47

time	temp	pH	D.O	sp cond	ORP
2:53	11.10	6.24	1.61	.964	.146

Water is very orange, doesn't smell

2:57	11:05	6.27	1.83	.969	.145
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3:01	11:13	6.30	2.05	.972	.140
------	-------	------	------	------	------

Water has slightly turbid color, not orange

3:04	11:07	6.28	1.89	.976	.137
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Water turbid, slightly orange

3:07	11:05	6.28	1.89	.972	.138
------	-------	------	------	------	------

3:10	11:08	6.30	2.22	.973	.135
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Water turbid v. faintly orange

4/9/97 - DNR - 10011 cont

time	temp	pH	D.O	SpCond	ORP
3:13	11.09	6.30	2.28	.973	.134
3:16	11.05	6.29	2.00	.976	.133
3:19	11.05	6.30	2.00	.972	.133

Los Cedros MHP

30' well 6" casing Well #2  
started purging at 3:23Wells located on N. side of  
comm bldg 150' E & 50' south  
of entrance.

sample taken at 3:30

Sample # is "2", "2a" is Dup at  
15:35These samples taken upstream from  
storage and treatment.Unit #6 started purging hose bib  
on W. side of house @ 3:37. Sample  
is downstream of storage and filter/  
sodium exchange Fe/Mn treatment.Unit is across street to North 100 Ft  
North & 75' E of well.

Sample "6" taken @ 3:45

Kim Bosler - Manager - Los Cedros  
Los Cedros

P.O. Box 3405

Lacey, 98509

DNR Pond on NW part of  
Site - Sample "Pond" taken at 4:10  
on S. side of pond.

Salmon Creek - Jones Rd  
crossing - W. side, sample  
taken at N. culvert opening  
sample "creek" taken at 16:27

9906 Julia Adams 352-3350



Same equipment as 4/9/97<sup>10</sup>  
 4/10/97 - DNR Nursery project

(2)

9906 Jones Rd Julia Adams  
 Mother reports well 40-45' deep  
 drilled ~ 1978

1:49 Sec to fill 5 gal. (2.75 gpm)  
 Started purging at 9:52

time temp pH D.O. Splend ORP

9:55	9.58	6.65	1.88	.963	-.016
10:01	9.65	6.71	1.21	.967	-.064
10:04	9.52	6.72	1.34	.969	-.079
10:08	9.47	6.72	2.08	.968	-.081
10:14	9.55	6.70	1.22	.964	-.084
10:17	9.46	6.70	1.22	.964	-.083
10:31	9.58	6.68	1.46	.953	-.083

Sample "9906" taken at 10:35 at hose  
 bib on side of well house before storage.

9820 & 9824 Jones on Well  
33' deep 1976 or 78  
"Eby" on Well 107.

30 sec to fill 5 gal (10 gpm)

time	temp	pH	D.O.	SpCond	ORP
10:51	11.54	6.76	.37	.608	.031
Well has Fe/Mn softener, sampled upstream from softener					
10:53	11.56	6.58	.27	.603	.028
10:55	11.58	6.51	.21	.601	.025
10:57	11.57	6.46	.21	.598	.024
10:59	11.60	6.44	.21	.597	0.22
11:02	11.64	6.41	.21	.595	0.02

Sample "9824" at 11:04 sampled  
at hose bib in Wellhouse before  
Storage Tank.

Melvin EBY  
9824 Jones RLSW  
Oxy's 98517

DNR - cont.

⑤

Tracy Guerin 9044 Blomberg  
 Wk 9024155  
 Hm. 943-9285

60' 6" Drilled ~ 1/461

Orig. owner "Bunning"

Don Lawton 357-9575  
 9200 Blomberg Rd SW  
 Started purging 11:24

43 sec / 5 gal

time	temp	pH	D.O.	Sp Cond	ORP
10:29	10.40	7.43	10.79	.580	.109
11:33	10.50	6.56	10.61	.579	.117
11:36	10.51	6.41	10.49	.580	.120
11:41	10.51	6.32	10.66	.582	.125
11:45	10.53	6.30	10.66	.582	.127

Samples "9200" & "9200A" taken 11:50

Samples taken from hose bib in well house  
 before storage. No access for water levels  
 11:55 for Daye.

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	2
Lab ID:	63962-11
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 615.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	94		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9824 JONES RD.
Lab ID:	63962-09
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	92		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9906 JONES RD.
Lab ID:	63962-08
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	101		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	CREEK
Lab ID:	63962-07
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 615.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	99		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	FB
Lab ID:	63982-06
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 615.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	100		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	



# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9200A BLOMBERG
Lab ID:	63962-05
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	

## Chlorinated Acids by USEPA Method 615.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	92		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9811 BLOMBERG
Lab ID:	63982-03
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	101		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9907 BLOMBERG
Lab ID:	63962-01
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	99		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	2A
Lab ID:	63962-12
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	98		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	6
Lab ID:	63962-13
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	99		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name: Thurston Co. Environmental Health  
Client ID: 9815 BLOMBERG  
Lab ID: 63962-02  
Date Received: 4/11/97  
Date Prepared: 4/11/97  
Date Analyzed: 4/11/97  
% Solids

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	106		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9815 BLOMBERG
Lab ID:	63962-02
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	122		50	150
Decachlorobiphenyl	101		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-02 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	



# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	POND
Lab ID:	63962-14
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	99		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9200 BLOMBERG
Lab ID:	63982-10
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	

## Chlorinated Acids by USEPA Method 515.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	90		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	10011 BLOMBERG
Lab ID:	63962-04
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/11/97
% Solids	-

## Chlorinated Acids by USEPA Method 816.1

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
2,4,6-Tribromophenol	87		10	123

Analyte	Result (ug/L)	PQL	Flags
Dalapon	ND	0.065	
3,5-Dichlorobenzoic acid	ND	0.030	
4-Nitrophenol	ND	0.037	
Dicamba	ND	0.037	
Dichloroprop	ND	0.044	
2,4-D	ND	0.027	
Pentachlorophenol	ND	0.055	
Silvex (2,4,5-TP)	ND	0.015	
Chloramben	ND	0.062	
2,4,5-T	ND	0.030	
Dinoseb	ND	0.022	
2,4-DB	ND	0.025	
Bentazon	ND	0.037	
Picloram	ND	0.043	
Acifluorfen	ND	0.053	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9907 BLOMBERG
Lab ID:	63962-01
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	78		50	150
Decachlorobiphenyl	107		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-01 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICE, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9811 BLOMBERG
Lab ID:	63962-03
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	98		50	150
Decachlorobiphenyl	114		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-03 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICE, INC.

Client Name  
 Client ID:  
 Lab ID:  
 Date Received:  
 Date Prepared:  
 Date Analyzed:  
 % Solids

Thurston Co. Environmental Health  
 10011 BLOMBERG  
 63962-04  
 4/11/97  
 4/11/97  
 4/14/97

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	83		50	150
Decachlorobiphenyl	104		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	



# SOUND ANALYTICAL SERVICE, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-04 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9200A BLOMBERG
Lab ID:	63962-05
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	113		50	150
Decachlorobiphenyl	96		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICE, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-05 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICE, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	FB
Lab ID:	63962-06
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	91		50	150
Decachlorobiphenyl	100		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.25	
Aroclor 1221	ND	0.25	
Aroclor 1232	ND	0.25	
Aroclor 1242	ND	0.25	
Aroclor 1248	ND	0.25	
Aroclor 1254	ND	0.25	
Aroclor 1260	ND	0.25	
Aldrin	ND	0.005	
alpha-BHC	ND	0.005	
beta-BHC	ND	0.005	
delta-BHC	ND	0.005	
gamma-BHC (Lindane)	ND	0.005	
Chlordane (technical)	ND	0.05	
4,4'-DDD	ND	0.01	
4,4'-DDE	ND	0.01	
4,4'-DDT	ND	0.01	
Dieldrin	ND	0.01	
Endosulfan I	ND	0.005	
Endosulfan II	ND	0.01	
Endosulfan sulfate	ND	0.01	
Endrin	ND	0.01	
Endrin aldehyde	ND	0.01	
Heptachlor	ND	0.005	
Heptachlor epoxide	ND	0.005	
Methoxychlor	ND	0.05	
Endrin ketone	ND	0.01	

# SOUND ANALYTICAL SERVICE, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-06 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.5	
alpha-Chlordane	ND	0.005	
gamma-Chlordane	ND	0.005	

# SOUND ANALYTICAL SERVICE INC.

Client Name	Thurston Co. Environmental Health
Client ID:	CREEK
Lab ID:	63962-07
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	88		50	150
Decachlorobiphenyl	45	X9	50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.5	
Aroclor 1221	ND	0.5	
Aroclor 1232	ND	0.5	
Aroclor 1242	ND	0.5	
Aroclor 1248	ND	0.5	
Aroclor 1254	ND	0.5	
Aroclor 1260	ND	0.5	
Aldrin	ND	0.01	
alpha-BHC	ND	0.01	
beta-BHC	ND	0.01	
delta-BHC	ND	0.01	
gamma-BHC (Lindane)	ND	0.01	
Chlordane (technical)	ND	0.1	
4,4'-DDD	ND	0.02	
4,4'-DDE	ND	0.02	
4,4'-DDT	ND	0.02	
Dieldrin	ND	0.02	
Endosulfan I	ND	0.01	
Endosulfan II	ND	0.02	
Endosulfan sulfate	ND	0.02	
Endrin	ND	0.02	
Endrin aldehyde	ND	0.02	
Heptachlor	ND	0.01	
Heptachlor epoxide	ND	0.01	
Methoxychlor	ND	0.1	
Endrin ketone	ND	0.02	

# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-07 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	1	
alpha-Chlordane	ND	0.01	
gamma-Chlordane	ND	0.01	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9824 JONES RD.
Lab ID:	63962-09
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	121		50	150
Decachlorobiphenyl	106		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	



# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-09 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICES, INC.

Client Name  
 Client ID:  
 Lab ID:  
 Date Received:  
 Date Prepared:  
 Date Analyzed:  
 % Solids

Thurston Co. Environmental Health  
 0006 JONES RD.  
 63962-08  
 4/11/97  
 4/11/97  
 4/14/97

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	52		50	150
Decachlorobiphenyl	63		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0087	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-08 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	9200 BLOMBERG
Lab ID:	63962-10
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	110		50	150
Decachlorobiphenyl	96		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DOT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-10 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICE, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	2
Lab ID:	63962-11
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	85		50	150
Decachlorobiphenyl	95		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICE, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-11 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICE INC.

Client Name: Thurston Co. Environmental Health  
 Client ID: 2A  
 Lab ID: 63962-12  
 Date Received: 4/11/97  
 Date Prepared: 4/11/97  
 Date Analyzed: 4/14/97  
 % Solids: -

## Organochlorine Pesticides and PCBs by USEPA Method 608

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	120		50	150
Decachlorobiphenyl	92		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	



# SOUND ANALYTICAL SERVICES, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-12 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	POND
Lab ID:	63962-14
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 508

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	67		50	150
Decachlorobiphenyl	41	X9	50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.36	
Aroclor 1221	ND	0.36	
Aroclor 1232	ND	0.36	
Aroclor 1242	ND	0.36	
Aroclor 1248	ND	0.36	
Aroclor 1254	ND	0.36	
Aroclor 1260	ND	0.36	
Aldrin	ND	0.0071	
alpha-BHC	ND	0.0071	
beta-BHC	ND	0.0071	
delta-BHC	ND	0.0071	
gamma-BHC (Lindane)	ND	0.0071	
Chlordane (technical)	ND	0.071	
4,4'-DDD	ND	0.014	
4,4'-DDE	ND	0.014	
4,4'-DDT	ND	0.014	
Dieldrin	ND	0.014	
Endosulfan I	ND	0.0071	
Endosulfan II	ND	0.014	
Endosulfan sulfate	ND	0.014	
Endrin	ND	0.014	
Endrin aldehyde	ND	0.014	
Heptachlor	ND	0.0071	
Heptachlor epoxide	ND	0.0071	
Methoxychlor	ND	0.071	
Endrin ketone	ND	0.014	

# SOUND ANALYTICAL SERVICE, INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-14 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.71	
alpha-Chlordane	ND	0.0071	
gamma-Chlordane	ND	0.0071	

# SOUND ANALYTICAL SERVICES, INC.

Client Name	Thurston Co. Environmental Health
Client ID:	6
Lab ID:	63962-13
Date Received:	4/11/97
Date Prepared:	4/11/97
Date Analyzed:	4/14/97
% Solids	-

## Organochlorine Pesticides and PCBs by USEPA Method 608

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	98		50	150
Decachlorobiphenyl	101		50	150

Analyte	Result (ug/L)	PQL	Flags
Aroclor 1016	ND	0.24	
Aroclor 1221	ND	0.24	
Aroclor 1232	ND	0.24	
Aroclor 1242	ND	0.24	
Aroclor 1248	ND	0.24	
Aroclor 1254	ND	0.24	
Aroclor 1260	ND	0.24	
Aldrin	ND	0.0049	
alpha-BHC	ND	0.0049	
beta-BHC	ND	0.0049	
delta-BHC	ND	0.0049	
gamma-BHC (Lindane)	ND	0.0049	
Chlordane (technical)	ND	0.049	
4,4'-DDD	ND	0.0097	
4,4'-DDE	ND	0.0097	
4,4'-DDT	ND	0.0097	
Dieldrin	ND	0.0097	
Endosulfan I	ND	0.0049	
Endosulfan II	ND	0.0097	
Endosulfan sulfate	ND	0.0097	
Endrin	ND	0.0097	
Endrin aldehyde	ND	0.0097	
Heptachlor	ND	0.0049	
Heptachlor epoxide	ND	0.0049	
Methoxychlor	ND	0.049	
Endrin ketone	ND	0.0097	

# SOUND ANALYTICAL SERVICE INC.

Organochlorine Pesticides and PCBs by USEPA Method 508 data for 63962-13 continued...

Analyte	Result (ug/L)	PQL	Flags
Toxaphene	ND	0.49	
alpha-Chlordane	ND	0.0049	
gamma-Chlordane	ND	0.0049	