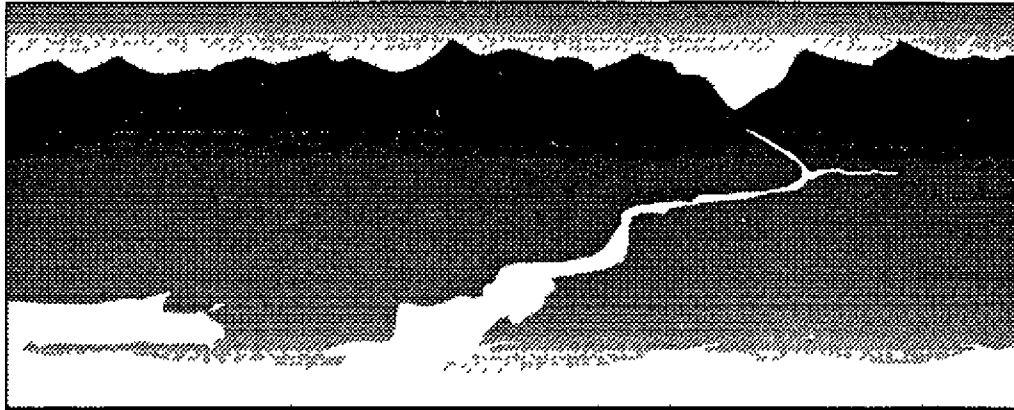

LOWER COLUMBIA RIVER



BI-STATE PROGRAM

RECONNAISSANCE SURVEY OF THE LOWER COLUMBIA RIVER

LABORATORY DATA REPORT
VOLUME 4: TISSUE DATA,
EXCLUDING DIOXINS AND FURANS

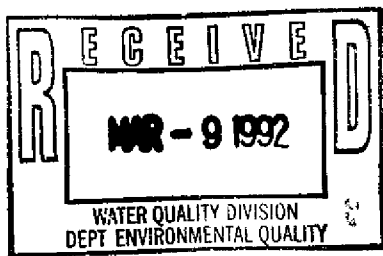
FEBRUARY, 1992

Prepared By:

TETRA TECH

In Association With:

ALDEN ANALYTICAL LABORATORIES
PRECISION ANALYTICS



LOWER COLUMBIA RIVER



BI-STATE PROGRAM

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VOLUME 4
CHEMICAL DATA - TISSUE

SECTION A	PESTICIDES AND PCBS
SECTION B	SEMI-VOLATILE ORGANICS
SECTION C	METALS

SECTION A
PESTICIDES AND PCBS (TISSUE)



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110007/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8080
Date of Sample Extraction: 10/21/91	Matrix: Tissue
Date of Sample Analysis: 11/1/91	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	<3.0
alpha-BHC	319-84-6	3.0	<3.0
beta-BHC	319-85-7	3.0	<3.0
delta-BHC	319-86-8	3.0	<3.0
gamma-BHC	58-89-9	3.0	<3.0
Chlordane	57-74-9	3.0	<3.0
4,4'-DDD	72-54-8	3.0	<3.0
4,4'-DDE	72-55-9	3.0	<3.0
4,4'-DDT	50-29-3	3.0	<3.0
Dieldrin	60-57-1	3.0	<3.0
Endosulfan I	959-98-8	3.0	<3.0
Endosulfan II	33212-65-9	3.0	<3.0
Endosulfan sulfate	1031-07-8	3.0	<3.0
Endrin	72-20-8	3.0	<3.0
Endrin aldehyde	7421-93-4	3.0	<3.0
Heptachlor	76-44-8	3.0	<3.0
Heptachlor epoxide	1024-57-3	3.0	<3.0
Methoxychlor	72-43-5	3.0	<3.0
Toxaphene	8001-35-2	150	<150
Aroclor-1016	12674-11-2	50	<50
Aroclor-1221	1104-28-2	50	<50
Aroclor-1232	11141-16-5	50	<50
Aroclor-1242	53469-21-9	50	<50
Aroclor-1248	12672-29-6	50	<50
Aroclor-1254	11097-69-1	50	<50
Aroclor-1260	11096-82-5	50	<50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	90	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: 8663
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	3.0	< 3.0
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: 8663
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	48	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: 8664
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	7.0	< 7.0*
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	4.0	< 4.0*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	4.0	< 4.0*
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	3.0	< 3.0
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: 8664
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	4.0	< 4.0*
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	84	25 - 150

* Reporting limits are adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: 8665
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	17
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	6.6
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	3.0	< 3.0
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/1/91

Alden Job Number: 9110007/1
Alden Sample Number: 8665
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	60	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110014/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8080
Date of Sample Extraction: 10/21/91	Matrix: Tissue
Date of Sample Analysis: 11/5/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	80	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-72
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8727
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	11
4,4'-DDT	50-29-3	3.0	3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-72
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8727
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-40
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8728
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	3.3
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-40
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8728
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	64	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-124
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8729
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	4.1
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	17
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	4.5
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110014/1
Client Sample Number: RM-124	Alden Sample Number: 8729
Date of Sample Receipt: 10/8/91	Analysis Method: EPA 8080
Date of Sample Extraction: 10/21/91	Matrix: Tissue
Date of Sample Analysis: 11/5/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	42	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-62-63
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8730
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	9.8
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-62-63
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8730
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-102
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8731
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	8.0	< 8.0*
4,4'-DDE	72-55-9	3.0	11
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	7.6
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	4.0	< 4.0*
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-102
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8731
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	8.0	< 8.0*
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	50	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-26-27
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8732
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	5.0	< 5.0*
4,4'-DDE	72-55-9	3.0	5.4
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-26-27
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/5/91

Alden Job Number: 9110014/1
Alden Sample Number: 8732
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	50	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-57
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8733
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	5.6
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	3.4
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-57
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8733
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	10
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	66	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-50
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8734
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	<3.0
alpha-BHC	319-84-6	3.0	<3.0
beta-BHC	319-85-7	3.0	<3.0
delta-BHC	319-86-8	3.0	<3.0
gamma-BHC	58-89-9	3.0	<3.0
Chlordane	57-74-9	3.0	<3.0
4,4'-DDD	72-54-8	3.0	9.6
4,4'-DDE	72-55-9	3.0	6.8
4,4'-DDT	50-29-3	3.0	<3.0
Dieldrin	60-57-1	3.0	<3.0
Endosulfan I	959-98-8	3.0	<3.0
Endosulfan II	33212-65-9	3.0	<3.0
Endosulfan sulfate	1031-07-8	3.0	<3.0
Endrin	72-20-8	3.0	<3.0
Endrin aldehyde	7421-93-4	3.0	<3.0
Heptachlor	76-44-8	3.0	<3.0
Heptachlor epoxide	1024-57-3	3.0	<3.0
Methoxychlor	72-43-5	30	32
Toxaphene	8001-35-2	150	<150
Aroclor-1016	12674-11-2	50	<50
Aroclor-1221	1104-28-2	50	<50
Aroclor-1232	11141-16-5	50	<50
Aroclor-1242	53469-21-9	50	<50
Aroclor-1248	12672-29-6	50	<50
Aroclor-1254	11097-69-1	50	<50
Aroclor-1260	11096-82-5	50	<50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-50
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8734
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	66	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-37-38
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8735
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	9.9
4,4'-DDE	72-55-9	3.0	8.5
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-37-38
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8735
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	64	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-141
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8736
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	6.1
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-141
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8736
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	3.0	< 3.0
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	76	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-22-23
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8737
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	4.7
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	3.0	< 3.0
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-22-23
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8737
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	38
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	62	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-3
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	11
4,4'-DDE	72-55-9	3.0	51
4,4'-DDT	50-29-3	3.0	3.5
Dieldrin	60-57-1	3.0	3.0
Endosulfan I	959-98-8	3.0	4.9
Endosulfan II	33212-65-9	4.0	< 4.0*
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	50	50
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-3
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	16
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	40	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	92	56 - 120
Heptachlor	25	96	40 - 131
Aldrin	25	88	40 - 120
Dieldrin	100	83	52 - 126
Endrin	100	130	56 - 121
4,4'-DDT	100	85	38 - 127
Aroclor-1254	50	96	

Compound Name	Spike Added	Percent Recovery
Dacthal	250	70
Dicofal	250	20
Malathion	250	109
Methyl Parathion	250	123
Mirex	250	59
o,p DDE	250	74
o,p DDD	250	105
o,p DDT	250	98
Parathion	250	163

Surrogate	% Recovery	Advisory QC Limits
DBC	60	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	88	56 - 120
Heptachlor	25	96	40 - 131
Aldrin	25	76	40 - 120
Dieldrin	100	83	52 - 126
Endrin	100	130	56 - 121
4,4'-DDT	100	96	38 - 127
Aroclor-1254	50	142	

Compound Name	Spike Added	Percent Recovery
Dacthal	250	62
Dicofal	250	23
Malathion	250	90
Methyl Parathion	250	97
Mirex	250	45
o,p DDE	250	61
o,p DDD	250	94
o,p DDT	250	76
Parathion	250	134

Surrogate	% Recovery	Advisory QC Limits
DBC	60	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-3-D
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8739
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	6.5
4,4'-DDE	72-55-9	3.0	34
4,4'-DDT	50-29-3	3.0	5.3
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-3-D
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8739
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	10
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	54	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-4
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8740
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	11
4,4'-DDE	72-55-9	3.0	48
4,4'-DDT	50-29-3	3.0	5.8
Dieldrin	60-57-1	3.0	3.1
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	5.0	< 5.0*
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-4
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/21/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110014/1
Alden Sample Number: 8740
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	22
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	30	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110027/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110027/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	84	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-2-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110027/1
Alden Sample Number: 8817
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	9.9
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-2-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110027/1
Alden Sample Number: 8817
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	72	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110027/1
Alden Sample Number: 8817 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	72	56 - 120
Heptachlor	25	56	40 - 131
Aldrin	25	72	40 - 120
Dieldrin	100	68	52 - 126
Endrin	100	80	56 - 121
4,4-DDT	100	79	38 - 127
Aroclor-1254	50	190	

Surrogate	% Recovery	Advisory QC Limits
DBC	60	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110027/1
Alden Sample Number: 8817 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	72	56 - 120
Heptachlor	25	64	40 - 131
Aldrin	25	84	40 - 120
Dieldrin	100	75	52 - 126
Endrin	100	85	56 - 121
4,4'-DDT	100	80	38 - 127
Aroclor-1254	50	180	

Surrogate	% Recovery	Advisory QC Limits
DBC	60	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/14/91

Alden Job Number: 9110027/1
Alden Sample Number: 8818
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	6.6
4,4'-DDE	72-55-9	3.0	14
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/14/91

Alden Job Number: 9110027/1
Alden Sample Number: 8818
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	20*	< 20*
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	48	25 - 150

* Reporting limit adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech

Client Sample Number: Matrix Spike

Date of Sample Receipt: 10/16/91

Date of Sample Extraction: 10/28/91

Date of Sample Analysis: 11/14/91

Alden Job Number: 9110027/1

Alden Sample Number: 8818 TS

Analysis Method: EPA 8080

Matrix: Tissue

Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	250	30
Dicofal	250	19
Malathion	250	72
Methyl Parathion	250	52
Mirex	250	34
o,p DDE	250	40
o,p DDD	250	48
o,p DDT	250	44
Parathion	250	44

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 125



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-2
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/14/91

Alden Job Number: 9110027/1
Alden Sample Number: 8819
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	21
4,4'-DDE	72-55-9	3.0	16
4,4'-DDT	50-29-3	4.0*	< 4.0*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	50
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-2
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/14/91

Alden Job Number: 9110027/1
Alden Sample Number: 8819
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	5.4
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	46	25 - 150

* Reporting limit adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/14/91

Alden Job Number: 9110027/1
Alden Sample Number: 8820
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	4.0*	< 4.0*
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	5.8
4,4'-DDT	50-29-3	3.0	3.1
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110027/1
Client Sample Number: ST-4-1-D	Alden Sample Number: 8820
Date of Sample Receipt: 10/16/91	Analysis Method: EPA 8080
Date of Sample Extraction: 10/28/91	Matrix: Tissue
Date of Sample Analysis: 11/14/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	86	25 - 150

* Reporting limit adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110015/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/13/91

Alden Job Number: 9110015/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	84	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-74-75
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8741
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	7.2
4,4'-DDT	50-29-3	3.0	3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-74-75
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8741
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	62	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-79
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8742
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	14
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	40	< 40*
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-79
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8742
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	7.0	<7.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	58	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-86
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8743
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	8.7
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	34
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM-86
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8743
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	17
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Columbia River
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8744
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	7.8
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Columbia River
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/28/91
Date of Sample Analysis: 11/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8744
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	54	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	62	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-4
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: 9102
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	5.5
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9111016/1
Client Sample Number: ST-1-4	Alden Sample Number: 9102
Date of Sample Receipt: 11/12/91	Analysis Method: EPA 8080
Date of Sample Extraction: 11/18/91	Matrix: Tissue
Date of Sample Analysis: 11/21/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: 9102 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	68	56 - 120
Heptachlor	25	76	40 - 131
Aldrin	25	80	40 - 120
Dieldrin	100	69	52 - 126
Endrin	100	86	56 - 121
4,4'-DDT	100	88	38 - 127
Aroclor-1254	50	116	

Surrogate	% Recovery	Advisory QC Limits
DBC	54	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: 9102 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	64	56 - 120
Heptachlor	25	72	40 - 131
Aldrin	25	76	40 - 120
Dieldrin	100	66	52 - 126
Endrin	100	83	56 - 121
4,4'-DDT	100	96	38 - 127
Aroclor-1254	50	134	

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: 9102 TS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	50	46
Dicofal	50	54
Malathion	50	106
Methyl Parathion	50	108
Mirex	50	46
o,p DDE	50	62
o,p DDD	50	58
o,p DDT	50	58
Parathion	50	84

Surrogate	% Recovery	Advisory QC Limits
DBC	50	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-4
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: 9103
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	7.0	< 7.0*
4,4'-DDE	72-55-9	3.0	5.0**
4,4'-DDT	50-29-3	3.0	8.0**
Dieldrin	60-57-1	3.0	4.1**
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	5.5
Endrin	72-20-8	3.0	3.2**
Endrin aldehyde	7421-93-4	3.0	8.4**
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	150
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-4
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111016/1
Alden Sample Number: 9103
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	5.0	< 5.0*
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	9.1**
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	44	25 - 150

* Reporting limits are adjusted due to coeluting interfering peak.

** Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	74-1-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110057/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/21/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	102	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-5
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9001
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	5.4
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110057/1
Client Sample Number: ST-1-5	Alden Sample Number: 9001
Date of Sample Receipt: 10/31/91	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/21/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	72	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9001 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	116	56 - 120
Heptachlor	25	136	40 - 131
Aldrin	25	100	40 - 120
Dieldrin	100	86	52 - 126
Endrin	100	110	56 - 121
4,4'-DDT	100	100	38 - 127
Aroclor-1254	50	196	

Surrogate	% Recovery	Advisory QC Limits
DBC	70	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9001 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	124	56 - 120
Heptachlor	25	132	40 - 131
Aldrin	25	112	40 - 120
Dieldrin	100	81	52 - 126
Endrin	100	110	56 - 121
4,4'-DDT	100	110	38 - 127
Aroclor-1254	50	260	

Surrogate	% Recovery	Advisory QC Limits
DBC	74	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9001 TS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	50	48
Dicofal	50	70
Malathion	50	128
Methyl Parathion	50	104
Mirex	50	56
o,p DDE	50	78
o,p DDD	50	72
o,p DDT	50	74
Parathion	50	82

Surrogate	% Recovery	Advisory QC Limits
DBC	60	25 - 125



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-2D
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9002
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-2D
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9002
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	80	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-3
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9003
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	3.9
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-3
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9003
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	70	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-4
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9004
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-4
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9004
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	94	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9005
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	3.5*
4,4'-DDE	72-55-9	3.0	37*
4,4'-DDT	50-29-3	4.0**	< 4.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	270
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9005
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	11*
o,p DDD	3.0	<3.0
o,p DDT	3.0	6.9*
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	46	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9110057/1
Alden Sample Number: 9006
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	4.0	< 4.0*
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	319-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	7.0	< 7.0**
4,4'-DDE	72-55-9	3.0	91**
4,4'-DDT	50-29-3	3.0	7.0**
Dieldrin	60-57-1	3.0	5.6**
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	260
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110057/1
Client Sample Number: D31C	Alden Sample Number: 9006
Date of Sample Receipt: 10/31/91	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/21/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	11**
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	38	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/21/91

Alden Job Number: 9111009/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	<3.0
alpha-BHC	319-84-6	3.0	<3.0
beta-BHC	319-85-7	3.0	<3.0
delta-BHC	319-86-8	3.0	<3.0
gamma-BHC	58-89-9	3.0	<3.0
Chlordane	57-74-9	3.0	<3.0
4,4'-DDD	72-54-8	3.0	<3.0
4,4'-DDE	72-55-9	3.0	<3.0
4,4'-DDT	50-29-3	3.0	<3.0
Dieldrin	60-57-1	3.0	<3.0
Endosulfan I	959-98-8	3.0	<3.0
Endosulfan II	33212-65-9	3.0	<3.0
Endosulfan sulfate	1031-07-8	3.0	<3.0
Endrin	72-20-8	3.0	<3.0
Endrin aldehyde	7421-93-4	3.0	<3.0
Heptachlor	76-44-8	3.0	<3.0
Heptachlor epoxide	1024-57-3	3.0	<3.0
Methoxychlor	72-43-5	30	<30
Toxaphene	8001-35-2	150	<150
Aroclor-1016	12674-11-2	50	<50
Aroclor-1221	1104-28-2	50	<50
Aroclor-1232	11141-16-5	50	<50
Aroclor-1242	53469-21-9	50	<50
Aroclor-1248	12672-29-6	50	<50
Aroclor-1254	11097-69-1	50	<50
Aroclor-1260	11096-82-5	50	<50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9111009/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/21/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	102	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9038
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	16
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	3.7*
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	57
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9038
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	42	25 - 150

* Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-3-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9039
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	6.0	< 6.0*
4,4'-DDE	72-55-9	3.0	50
4,4'-DDT	50-29-3	3.0	8.6**
Dieldrin	60-57-1	3.0	5.4**
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	4.0	< 4.0*
Endrin	72-20-8	3.0	5.1**
Endrin aldehyde	7421-93-4	3.0	7.0**
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	96
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9111009/1
Client Sample Number: ST-3-3-D	Alden Sample Number: 9039
Date of Sample Receipt: 11/5/91	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/22/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	58	25 - 150

* Reporting limits are adjusted due to coeluting interfering peak.

** Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-1-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9040
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	16	< 16*
4,4'-DDE	72-55-9	24	< 24*
4,4'-DDT	50-29-3	9.0	< 9.0*
Dieldrin	60-57-1	3.0	12**
Endosulfan I	959-98-8	4.0	< 4.0*
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	30	< 30*
Endrin aldehyde	7421-93-4	6.0	< 6.0*
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	180**
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	500
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-1-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9040
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	10	< 10*
Mirex	3.0	< 3.0
o,p DDE	3.0	14**
o,p DDD	3.0	< 3.0
o,p DDT	3.0	30**
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	94	25 - 150

* Reporting limits are adjusted due to coeluting interfering peak.

** Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-Dupe-Downriver
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9041
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	5.8
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-Dupe-Downriver
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9041
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	4.0	< 4.0*
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	42	25 - 150

* Reporting limit are adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9042
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	<3.0
alpha-BHC	319-84-6	3.0	<3.0
beta-BHC	319-85-7	3.0	<3.0
delta-BHC	319-86-8	3.0	<3.0
gamma-BHC	58-89-9	3.0	<3.0
Chlordane	57-74-9	3.0	<3.0
4,4'-DDD	72-54-8	3.0	<3.0
4,4'-DDE	72-55-9	3.0	11
4,4'-DDT	50-29-3	3.0	<3.0
Dieldrin	60-57-1	3.0	<3.0
Endosulfan I	959-98-8	3.0	<3.0
Endosulfan II	33212-65-9	3.0	<3.0
Endosulfan sulfate	1031-07-8	3.0	<3.0
Endrin	72-20-8	3.0	<3.0
Endrin aldehyde	7421-93-4	3.0	<3.0
Heptachlor	76-44-8	3.0	<3.0
Heptachlor epoxide	1024-57-3	3.0	<3.0
Methoxychlor	72-43-5	30	<30
Toxaphene	8001-35-2	150	<150
Aroclor-1016	12674-11-2	50	<50
Aroclor-1221	1104-28-2	50	<50
Aroclor-1232	11141-16-5	50	<50
Aroclor-1242	53469-21-9	50	<50
Aroclor-1248	12672-29-6	50	<50
Aroclor-1254	11097-69-1	50	<50
Aroclor-1260	11096-82-5	50	<50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9042
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	5.0	< 5.0*
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	48	25 - 150

* Reporting limit are adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9043
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	4.9**
4,4'-DDE	72-55-9	3.0	88
4,4'-DDT	50-29-3	3.0	5.3**
Dieldrin	60-57-1	3.0	3.6**
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	3.9**
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	110
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9043
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	4.0	< 4.0*
o,p DDD	3.0	< 3.0
o,p DDT	4.0	< 4.0*
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	48	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-35-C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9044
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	<3.0
alpha-BHC	319-84-6	3.0	<3.0
beta-BHC	319-85-7	3.0	<3.0
delta-BHC	319-86-8	3.0	<3.0
gamma-BHC	58-89-9	3.0	<3.0
Chlordane	57-74-9	3.0	<3.0
4,4'-DDD	72-54-8	3.0	<3.0
4,4'-DDE	72-55-9	3.0	38
4,4'-DDT	50-29-3	3.0	<3.0
Dieldrin	60-57-1	3.0	<3.0
Endosulfan I	959-98-8	3.0	<3.0
Endosulfan II	33212-65-9	3.0	<3.0
Endosulfan sulfate	1031-07-8	3.0	<3.0
Endrin	72-20-8	3.0	<3.0
Endrin aldehyde	7421-93-4	3.0	<3.0
Heptachlor	76-44-8	3.0	<3.0
Heptachlor epoxide	1024-57-3	3.0	<3.0
Methoxychlor	72-43-5	30	<30
Toxaphene	8001-35-2	150	<150
Aroclor-1016	12674-11-2	50	<50
Aroclor-1221	1104-28-2	50	<50
Aroclor-1232	11141-16-5	50	<50
Aroclor-1242	53469-21-9	50	<50
Aroclor-1248	12672-29-6	50	<50
Aroclor-1254	11097-69-1	50	60
Aroclor-1260	11096-82-5	50	<50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9111009/1
Client Sample Number: ST-35-C	Alden Sample Number: 9044
Date of Sample Receipt: 11/5/91	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/22/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	4.0	< 4.0*
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	30	25 - 150

* Reporting limit is adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9111009/1
Client Sample Number: D29C	Alden Sample Number: 9045
Date of Sample Receipt: 11/5/91	Analysis Method: EPA 8080
Date of Sample Extraction: 11/15/91	Matrix: Tissue
Date of Sample Analysis: 11/22/91	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	9.6
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	22
4,4'-DDT	50-29-3	3.0	3.5**
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	190
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D29C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/15/91
Date of Sample Analysis: 11/22/91

Alden Job Number: 9111009/1
Alden Sample Number: 9045
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Decathal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	4.0	<4.0*
o,p DDD	3.0	3.3**
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	28	25 - 150

* Reporting limits are adjusted due to coeluting interfering peak.

** Interfering coeluting peak present in Aroclor 1254.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/13/91

Alden Job Number: 9112005/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/13/91

Alden Job Number: 9112005/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	82	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9221
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	4.0	< 4.0*
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	3.5
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	23**
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	11**
Dieldrin	60-57-1	10	< 10*
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	12	< 12*
Endrin aldehyde	7421-93-4	5.0	< 5.0*
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	4.0	< 4.0*
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	380***



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9221
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	4.0	< 4.0*
Dicofal	30	< 30
Malathion	4.0	< 4.0*
Methyl Parathion	3.0	< 3.0
Mirex	3.0	8.8
o,p DDE	3.0	17
o,p DDD	3.0	< 20*
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	84	25 - 150

* Reporting limit adjusted due to coeluting interfering peak.

** Interfering coeluting peak present in Aroclor 1260.

*** Acid cleanup performed for Aroclor 1260 quantitation in order to eliminate matrix interferences.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech

Client Sample Number: Matrix Spike

Date of Sample Receipt: 12/10/91

Date of Sample Extraction: 12/12/91

Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1

Alden Sample Number: 9221 MS

Analysis Method: EPA 8080

Matrix: Tissue

Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	66	56 - 120
Heptachlor	25	96	40 - 131
Aldrin	25	48	40 - 120
Dieldrin	100	69	52 - 126
Endrin	100	93	56 - 121
4,4'-DDT	100	53	38 - 127
Aroclor-1242	50	156	

Surrogate	% Recovery	Advisory QC Limits
DBC	44	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112005/1
Client Sample Number: Spike Duplicate	Alden Sample Number: 9221 MSD
Date of Sample Receipt: 12/10/91	Analysis Method: EPA 8080
Date of Sample Extraction: 12/12/91	Matrix: Tissue
Date of Sample Analysis: 12/14/91	Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	86	56 - 120
Heptachlor	25	96	40 - 131
Aldrin	25	128	40 - 120
Dieldrin	100	75	52 - 126
Endrin	100	116	56 - 121
4,4'-DDT	100	62	38 - 127
Aroclor-1242	50	156	

Surrogate	% Recovery	Advisory QC Limits
DBC	42	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9221 TS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	50	43
Dicofal	50	148
Malathion	50	36
Methyl Parathion	50	28
Mirex	50	16
o,p DDE	50	58
o,p DDD	50	90
o,p DDT	50	42
Parathion	50	72

Surrogate	% Recovery	Advisory QC Limits
DBC	32	25 - 125



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9222
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	4.4*
4,4'-DDE	72-55-9	3.0	21*
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	62



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9222
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	8.0	<8.0**
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	40	25 - 150

* Interfering coeluting peak present in Aroclor 1260.

** Reporting limit adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9223
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	7.6*
4,4'-DDE	72-55-9	3.0	18*
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	69



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112005/1
Client Sample Number: D23C	Alden Sample Number: 9223
Date of Sample Receipt: 12/10/91	Analysis Method: EPA 8080
Date of Sample Extraction: 12/12/91	Matrix: Tissue
Date of Sample Analysis: 12/14/91	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	4.0	<4.0**
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	32	25 - 150

* Interfering coeluting peak present in Aroclor 1260.

** Reporting limit adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D400
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9224
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	14*
4,4'-DDE	72-55-9	3.0	< 40**
4,4'-DDT	50-29-3	3.0	3.5*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	110



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D40C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9224
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	6.0	< 6.0**
Methyl Parathion	10	< 10**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	6.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	32	25 - 150

* Interfering coeluting peak present in Aroclor 1260.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D405
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9225
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	18*
4,4'-DDE	72-55-9	50	< 50**
4,4'-DDT	50-29-3	3.0	7.5*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	130



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D40S
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 12/14/91

Alden Job Number: 9112005/1
Alden Sample Number: 9225
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	10	< 10**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	40	25 - 150

* Interfering coeluting peak present in Aroclor 1260.

** Reporting limit adjusted due to coeluting interfering peak.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/9/92

Alden Job Number: 9112012/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8080
Date of Sample Extraction: 1/2/92	Matrix: Tissue
Date of Sample Analysis: 1/9/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	74	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: D15S	Alden Sample Number: 9270
Date of Sample Receipt: 12/17/92	Analysis Method: EPA 8080
Date of Sample Extraction: 1/2/92	Matrix: Tissue
Date of Sample Analysis: 1/9/92	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	7.0	< 7.0**
beta-BHC	319-85-7	8.0	< 8.0**
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	24*
4,4'-DDE	72-55-9	45	< 45**
4,4'-DDT	50-29-3	3.0	16
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	6.0	< 6.0**
Endrin aldehyde	7421-93-4	4.0	< 4.0**
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	65
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	66
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: D15S	Alden Sample Number: 9270
Date of Sample Receipt: 12/17/92	Analysis Method: EPA 8080
Date of Sample Extraction: 1/2/92	Matrix: Tissue
Date of Sample Analysis: 1/9/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	9.0	< 9.0**
Mirex	3.0	< 3.0
o,p DDE	3.0	24
o,p DDD	3.0	24
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	50	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 12/17/91
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9270 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	96	56 - 120
Heptachlor	25	108	40 - 131
Aldrin	25	76	40 - 120
Dieldrin	100	52	52 - 126
Endrin	100	125	56 - 121
4,4'-DDT	100	51	38 - 127
Aroclor-1242	50	86	

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 12/17/91
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9270 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	96	56 - 120
Heptachlor	25	104	40 - 131
Aldrin	25	76	40 - 120
Dieldrin	100	52	52 - 126
Endrin	100	125	56 - 121
4,4'-DDT	100	51	38 - 127
Aroclor-1242	50	96	

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 12/17/91
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/16/92

Alden Job Number: 9112012/1
Alden Sample Number: 9270 TS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	50	64
Dicofal	50	68
Malathion	50	0*
Methyl Parathion	50	2*
Mirex	50	102
o,p DDE	50	98
o,p DDD	50	72
o,p DDT	50	174
Parathion	50	70

Surrogate	% Recovery	Advisory QC Limits
DBC	96	25 - 125

* Low recovery due to interfering peak in original sample.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9271
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	3.7
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	30*
4,4'-DDE	72-55-9	62	< 62**
4,4'-DDT	50-29-3	3.0	13*
Dieldrin	60-57-1	3.0	4.5
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	8.0	< 8.0**
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	150
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9271
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	8.0	8.0**
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	116	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D19S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9272
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	8.0	< 8.0**
beta-BHC	319-85-7	8.0	< 8.0**
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	7.7
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	16*
4,4'-DDE	72-55-9	38	< 38**
4,4'-DDT	50-29-3	4.0	< 4.0**
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	63
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: D19S	Alden Sample Number: 9272
Date of Sample Receipt: 12/17/92	Analysis Method: EPA 8080
Date of Sample Extraction: 1/2/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	23
o,p DDD	3.0	< 3.0
o,p DDT	15	< 15**
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	90	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9273
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	8.5*
4,4'-DDE	72-55-9	50	< 50**
4,4'-DDT	50-29-3	3.0	3.9*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	3.5
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	55
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9273
Analysis Method: EPA.8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	6.0	< 6.0**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	18
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	84	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9274
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	26*
4,4'-DDE	72-55-9	61	< 61**
4,4'-DDT	50-29-3	12	< 12**
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	6.0	< 6.0**
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	210
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: D31S	Alden Sample Number: 9274
Date of Sample Receipt: 12/17/92	Analysis Method: EPA 8080
Date of Sample Extraction: 1/2/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	42
o,p DDD	3.0	29
o,p DDT	10	< 10 ^{**}
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	98	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9275
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	23*
4,4'-DDE	72-55-9	63	< 63**
4,4'-DDT	50-29-3	3.0	11*
Dieldrin	60-57-1	4.0	< 4.0**
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	12
Endrin aldehyde	7421-93-4	4.0	< 4.0**
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	160
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D235
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9275
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	21
o,p DDD	3.0	24
o,p DDT	5.0	< 5.0**
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	92	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D29S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9276
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	4.1
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	6.1*
4,4'-DDE	72-55-9	45	< 45**
4,4'-DDT	50-29-3	3.0	4.0*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	6.7
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	160
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: D29S	Alden Sample Number: 9276
Date of Sample Receipt: 12/17/92	Analysis Method: EPA 8080
Date of Sample Extraction: 1/2/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	14
o,p DDD	3.0	24
o,p DDT	6.0	< 6.0**
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	64	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D22S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9277
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	8.7*
4,4'-DDE	72-55-9	45	< 45**
4,4'-DDT	50-29-3	3.0	6.1*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	61
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D22S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9277
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	5.0	< 5.0**
Mirex	3.0	< 3.0
o,p DDE	3.0	14
o,p DDD	3.0	24
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	42	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D285
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9278
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	18*
4,4'-DDE	72-55-9	57	< 57**
4,4'-DDT	50-29-3	3.0	5.1*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	380
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/2/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112012/1
Alden Sample Number: 9278
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	16
o,p DDD	8.0	<8.0**
o,p DDT	5.0	<5.0**
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	86	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112028/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8080
Date of Sample Extraction: 1/7/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	72	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9339
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	<3.0
alpha-BHC	319-84-6	9.0	<9.0**
beta-BHC	319-85-7	3.0	<3.0
delta-BHC	319-86-8	3.0	<3.0
gamma-BHC	58-89-9	3.0	3.1
Chlordane	57-74-9	3.0	<3.0
4,4'-DDD	72-54-8	3.0	21*
4,4'-DDE	72-55-9	53	<53**
4,4'-DDT	50-29-3	3.0	9.6*
Dieldrin	60-57-1	3.0	<3.0
Endosulfan I	959-98-8	3.0	<3.0
Endosulfan II	33212-65-9	3.0	<3.0
Endosulfan sulfate	1031-07-8	3.0	<3.0
Endrin	72-20-8	6.0	<6.0**
Endrin aldehyde	7421-93-4	3.0	<3.0
Heptachlor	76-44-8	3.0	<3.0
Heptachlor epoxide	1024-57-3	3.0	<3.0
Methoxychlor	72-43-5	30	<30
Toxaphene	8001-35-2	150	<150
Aroclor-1016	12674-11-2	50	<50
Aroclor-1221	1104-28-2	50	<50
Aroclor-1232	11141-16-5	50	<50
Aroclor-1242	53469-21-9	50	<50
Aroclor-1248	12672-29-6	50	<50
Aroclor-1254	11097-69-1	50	120
Aroclor-1260	11096-82-5	50	<50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112028/1
Client Sample Number: D24S	Alden Sample Number: 9339
Date of Sample Receipt: 12/27/91	Analysis Method: EPA 8080
Date of Sample Extraction: 1/7/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	5.5
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	78	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9339 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	80	56 - 120
Heptachlor	25	92	40 - 131
Aldrin	25	76	40 - 120
Dieldrin	100	48	52 - 126
Endrin	100	96	56 - 121
4,4'-DDT	100	16	38 - 127
Aroclor-1242	50	118	

Surrogate	% Recovery	Advisory QC Limits
DBC	64	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9339 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	132	56 - 120
Heptachlor	25	124	40 - 131
Aldrin	25	132	40 - 120
Dieldrin	100	53	52 - 126
Endrin	100	115	56 - 121
4,4'-DDT	100	24	38 - 127
Aroclor-1242	50	112	

Surrogate	% Recovery	Advisory QC Limits
DBC	94	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech

Client Sample Number: Matrix Spike

Date of Sample Receipt: 12/27/91

Date of Sample Extraction: 1/7/92

Date of Sample Analysis: 1/17/92

Alden Job Number: 9112028/1

Alden Sample Number: 9339 TS

Analysis Method: EPA 8080

Matrix: Tissue

Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	50	148
Dicofal	50	142
Malathion	50	98
Methyl Parathion	50	21
Mirex	50	50
o,p DDE	50	13
o,p DDD	50	4.6
o,p DDT	50	34
Parathion	50	84

Surrogate	% Recovery	Advisory QC Limits
DBC	25	25 - 125



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9340
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	5.6
alpha-BHC	319-84-6	10	< 10**
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	7.0	< 7.0**
4,4'-DDE	72-55-9	45	< 45**
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	6.0	< 6.0**
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	4.2
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	110
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9340
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	12	< 12**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9358
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	64	23 - 120
2-Fluorobiphenyl	100 ug	75	30 - 115
P-Terphenyl-d ₁₄	100 ug	74	18 - 137
Phenol-d ₅	200 ug	58	24 - 113
2-Fluorophenol	200 ug	46	25 - 121
2,4,6-Tribromophenol	200 ug	49	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9358
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	210
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9357
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	74	23 - 120
2-Fluorobiphenyl	100 ug	83	30 - 115
P-Terphenyl-d ₁₄	100 ug	112	18 - 137
Phenol-d ₅	200 ug	58	24 - 113
2-Fluorophenol	200 ug	52	25 - 121
2,4,6-Tribromophenol	200 ug	48	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9357
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	310
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9356
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	85	23 - 120
2-Fluorobiphenyl	100 ug	83	30 - 115
P-Terphenyl-d ₁₄	100 ug	68	18 - 137
Phenol-d ₅	200 ug	50	24 - 113
2-Fluorophenol	200 ug	46	25 - 121
2,4,6-Tribromophenol	200 ug	37	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9356
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	770
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D21P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9355
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	69	23 - 120
2-Fluorobiphenyl	100 ug	76	30 - 115
P-Terphenyl-d ₁₄	100 ug	106	18 - 137
Phenol-d ₅	200 ug	58	24 - 113
2-Fluorophenol	200 ug	47	25 - 121
2,4,6-Tribromophenol	200 ug	44	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D21P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9355
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Credit Memo for project Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	180
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D19P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9354
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	81	23 - 120
2-Fluorobiphenyl	100 ug	85	30 - 115
P-Terphenyl-d ₁₄	100 ug	120	18 - 137
Phenol-d ₅	200 ug	77	24 - 113
2-Fluorophenol	200 ug	65	25 - 121
2,4,6-Tribromophenol	200 ug	57	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D19P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9354.
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	200
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9353
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	81	23 - 120
2-Fluorobiphenyl	100 ug	87	30 - 115
P-Terphenyl-d ₁₄	100 ug	99	18 - 137
Phenol-d ₅	200 ug	65	24 - 113
2-Fluorophenol	200 ug	54	25 - 121
2,4,6-Tribromophenol	200 ug	47	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9353
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	270
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9352
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	72	23 - 120
2-Fluorobiphenyl	100 ug	81	30 - 115
P-Terphenyl-d ₁₄	100 ug	90	18 - 137
Phenol-d ₅	200 ug	69	24 - 113
2-Fluorophenol	200 ug	54	25 - 121
2,4,6-Tribromophenol	200 ug	63	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9352
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	260
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9351
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	83	23 - 120
2-Fluorobiphenyl	100 ug	89	30 - 115
P-Terphenyl-d ₁₄	100 ug	97	18 - 137
Phenol-d ₅	200 ug	54	24 - 113
2-Fluorophenol	200 ug	48	25 - 121
2,4,6-Tribromophenol	200 ug	48	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9351
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	190
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D3P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9350
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	400	< 400
Isophorone	78-59-1	200	< 200
2-Methylnaphthalene	91-57-6	200	< 200
Naphthalene	91-20-3	200	< 200
2-Nitroaniline	88-74-4	400	< 400
3-Nitroaniline	99-09-2	400	< 400
4-Nitroaniline	100-01-6	400	< 400
Nitrobenzene	98-95-3	200	< 200
N-Nitrosodiphenylamine	86-30-6	200	< 200
N-Nitrosodi-n-propylamine	621-64-7	200	< 200
Phenanthrene	85-01-8	200	< 200
Pyrene	129-00-0	200	< 200
1,2,4-Trichlorobenzene	120-82-1	400	< 400
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	4000	< 4000
4-Chloro-3-methylphenol	59-50-7	400	< 400
2-Chlorophenol	95-57-8	200	< 200
2,4-Dichlorophenol	120-83-2	400	< 400
2,4-Dimethylphenol	105-67-9	200	< 200
2,4-Dinitrophenol	51-28-5	2000	< 2000
2-Methylphenol	95-48-7	400	< 400
2-Methyl-4,6-dinitrophenol	534-52-1	2000	< 2000
4-Methylphenol	106-44-5	400	< 400
2-Nitrophenol	88-75-5	400	< 400
4-Nitrophenol	100-02-7	2000	< 2000
Pentachlorophenol	87-86-5	2000	< 2000
Phenol	108-95-2	200	< 200
2,4,5-Trichlorophenol	95-95-4	400	< 400
2,4,6-Trichlorophenol	88-06-2	400	< 400

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	69	23 - 120
2-Fluorobiphenyl	100 ug	85	30 - 115
P-Terphenyl-d ₁₄	100 ug	121	18 - 137
Phenol-d ₅	200 ug	48	24 - 113
2-Fluorophenol	200 ug	34	25 - 121
2,4,6-Tribromophenol	200 ug	40	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D3P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/26/92

Alden Job Number: 9201001/1
Alden Sample Number: 9350
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	200	< 200
Acenaphthylene	208-96-8	200	< 200
Aniline	62-53-3	200	< 200
Anthracene	120-12-7	200	< 200
Azobenzene	103-33-3	200	< 200
Benzo(a)anthracene	56-55-3	200	< 200
Benzo(b)fluoranthene	205-99-2	400	< 400
Benzo(k)fluoranthene	207-08-9	400	< 400
Benzo(a)pyrene	50-32-8	400	< 400
Benzo(g,h,i)perylene	191-24-2	400	< 400
Benzyl alcohol	100-51-6	200	< 200
Benzyl butyl phthalate	85-68-7	200	< 200
bis(2-Chloroethyl) ether	111-44-4	200	< 200
bis(2-Chloroethoxy) methane	111-91-1	200	< 200
bis(2-Ethylhexyl) phthalate	117-81-7	200	740
bis(2-Chloroisopropyl) ether	108-60-1	200	< 200
4-Bromophenyl phenyl ether	101-55-3	400	< 400
4-Chloroaniline	106-47-8	400	< 400
2-Chloronaphthalene	91-58-7	200	< 200
4-Chlorophenyl phenyl ether	7005-72-3	200	< 200
Chrysene	218-01-9	200	< 200
Dibenzo(a,h)anthracene	53-70-3	400	< 400
Dibenzofuran	132-64-9	200	< 200
Di-n-butyl phthalate	84-74-2	200	< 200
1,3-Dichlorobenzene	541-73-1	200	< 200
1,2-Dichlorobenzene	95-50-1	200	< 200
1,4-Dichlorobenzene	106-46-7	200	< 200
3,3'-Dichlorobenzidine	91-94-1	2000	< 2000
Diethyl phthalate	84-66-2	400	< 400
Dimethyl phthalate	131-11-3	200	< 200
2,4-Dinitrotoluene	121-14-2	200	< 200
2,6-Dinitrotoluene	606-20-2	200	< 200
Di-n-octyl phthalate	117-84-0	400	< 400
Fluoranthene	206-44-0	200	< 200
Fluorene	86-73-7	200	< 200
Hexachlorobenzene	118-74-1	400	< 400
Hexachlorobutadiene	87-68-3	200	< 200
Hexachlorocyclopentadiene	77-47-4	1000	< 1000
Hexachloroethane	67-72-1	400	< 400



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9201001/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	57	23 - 120
2-Fluorobiphenyl	100 ug	89	30 - 115
P-Terphenyl-d ₁₄	100 ug	97	18 - 137
Phenol-d ₅	200 ug	26	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	86	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9201001/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D8S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9346
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	5.0	< 5.0**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	7.8

Surrogate	% Recovery	Advisory QC Limits
DBC	16	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D8S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9346
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	5.6
4,4'-DDE	72-55-9	3.0	26*
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	70
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112028/1
Client Sample Number: D10S	Alden Sample Number: 9345
Date of Sample Receipt: 12/27/91	Analysis Method: EPA 8080
Date of Sample Extraction: 1/7/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	16	< 16**
Mirex	3.0	< 3.0
o,p DDE	4.0	< 4.0**
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	30	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9345
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	3.9
alpha-BHC	319-84-6	5.0	< 5.0**
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	23*
4,4'-DDE	72-55-9	59	< 59**
4,4'-DDT	50-29-3	3.0	11*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	3.3
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	4.0	< 4.0**
Endrin aldehyde	7421-93-4	4.0	< 4.0**
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	210
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9344
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	7.0	<7.0**
Mirex	3.0	<3.0
o,p DDE	3.0	10
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	7.5

Surrogate	% Recovery	Advisory QC Limits
DBC	52	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9344
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	5.6
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	13*
4,4'-DDE	72-55-9	70	< 70**
4,4'-DDT	50-29-3	3.0	4.2*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	76
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D20S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9343
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	16	< 16**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	15

Surrogate	% Recovery	Advisory QC Limits
DBC	70	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D20S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9343
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	13*
4,4'-DDE	72-55-9	60	< 60**
4,4'-DDT	50-29-3	3.0	5.8*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	6.0	< 6.0**
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	130
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112028/1
Client Sample Number: D6S	Alden Sample Number: 9342
Date of Sample Receipt: 12/27/91	Analysis Method: EPA 8080
Date of Sample Extraction: 1/7/92	Matrix: Tissue
Date of Sample Analysis: 1/10/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	6.0	< 6.0**
Mirex	3.0	< 3.0
o,p DDE	4.0	< 4.0**
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	6.0	< 6.0**

Surrogate	% Recovery	Advisory QC Limits
DBC	46	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D6S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9342
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	5.0	< 5.0**
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	4.5*
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	110
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9341
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	< 3.0
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	5.0	< 5.0**
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	46	25 - 150

* Interfering coeluting peak present in Aroclor 1254.

** Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/7/92
Date of Sample Analysis: 1/10/92

Alden Job Number: 9112028/1
Alden Sample Number: 9341
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	24*
4,4'-DDE	72-55-9	5.0	< 5.0**
4,4'-DDT	50-29-3	3.0	5.2*
Dieldrin	60-57-1	4.0	< 4.0**
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	130
Aroclor-1260	11096-82-5	50	< 50

SECTION B
SEMI-VOLATILE ORGANICS (TISSUE)



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/29/91

Alden Job Number: 9110007/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/29/91

Alden Job Number: 9110007/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	25	23 - 120
2-Fluorobiphenyl	100 ug	43	30 - 115
P-Terphenyl-d ₁₄	100 ug	83	18 - 137
Phenol-d ₅	200 ug	18	24 - 113
2-Fluorophenol	200 ug	10	25 - 121
2,4,6-Tribromophenol	200 ug	62	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110007/1
Alden Sample Number: 8663
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	260
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110007/1
Alden Sample Number: 8663
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	330
<u>2-Methylnaphthalene</u>	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	110
<u>Pyrene</u>	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	35	23 - 120
2-Fluorobiphenyl	100 ug	78	30 - 115
P-Terphenyl-d ₁₄	100 ug	67	18 - 137
Phenol-d ₅	200 ug	46	24 - 113
2-Fluorophenol	200 ug	31	25 - 121
2,4,6-Tribromophenol	200 ug	54	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110007/1
Alden Sample Number: 8664
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	240
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110007/1
Alden Sample Number: 8664
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	38	23 - 120
2-Fluorobiphenyl	100 ug	75	30 - 115
P-Terphenyl-d ₁₄	100 ug	63	18 - 137
Phenol-d ₅	200 ug	46	24 - 113
2-Fluorophenol	200 ug	37	25 - 121
2,4,6-Tribromophenol	200 ug	61	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110007/1
Alden Sample Number: 8665
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	110
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31
Date of Sample Receipt: 10/4/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110007/1
Alden Sample Number: 8665
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	310
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-73-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	34	23 - 120
2-Fluorobiphenyl	100 ug	69	30 - 115
P-Terphenyl-d ₁₄	100 ug	60	18 - 137
Phenol-d ₅	200 ug	42	24 - 113
2-Fluorophenol	200 ug	33	25 - 121
2,4,6-Tribromophenol	200 ug	58	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/29/91

Alden Job Number: 9110014/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/29/91

Alden Job Number: 9110014/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	25	23 - 120
2-Fluorobiphenyl	100 ug	43	30 - 115
P-Terphenyl-d ₁₄	100 ug	83	18 - 137
Phenol-d ₅	200 ug	18	24 - 113
2-Fluorophenol	200 ug	10	25 - 121
2,4,6-Tribromophenol	200 ug	62	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 72
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8727
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	120
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 72
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8727
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	86-30-6	100	< 100
<u>N-Nitrosodi-n-propylamine</u>	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	41	23 - 120
2-Fluorobiphenyl	100 ug	78	30 - 115
P-Terphenyl-d ₁₄	100 ug	71	18 - 137
Phenol-d ₅	200 ug	49	24 - 113
2-Fluorophenol	200 ug	39	25 - 121
2,4,6-Tribromophenol	200 ug	61	19 - 122



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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 40
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 12/1/91

Alden Job Number: 9110014/1
Alden Sample Number: 8728
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 40
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 12/1/91

Alden Job Number: 9110014/1
Alden Sample Number: 8728
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	49	23 - 120
2-Fluorobiphenyl	100 ug	79	30 - 115
P-Terphenyl-d ₁₄	100 ug	68	18 - 137
Phenol-d ₅	200 ug	53	24 - 113
2-Fluorophenol	200 ug	53	25 - 121
2,4,6-Tribromophenol	200 ug	70	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 124
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8729
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	120
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 124
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8729
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	52	23 - 120
2-Fluorobiphenyl	100 ug	86	30 - 115
P-Terphenyl-d ₁₄	100 ug	69	18 - 137
Phenol-d ₅	200 ug	53	24 - 113
2-Fluorophenol	200 ug	49	25 - 121
2,4,6-Tribromophenol	200 ug	62	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 62 - 63
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8730
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	150
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 62 - 63
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8730
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	430
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	57	23 - 120
2-Fluorobiphenyl	100 ug	89	30 - 115
P-Terphenyl-d ₁₄	100 ug	73	18 - 137
Phenol-d ₅	200 ug	48	24 - 113
2-Fluorophenol	200 ug	39	25 - 121
2,4,6-Tribromophenol	200 ug	67	19 - 122



Alden Analytical
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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 102
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8731
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110014/1
Client Sample Number: RM 102	Alden Sample Number: 8731
Date of Sample Receipt: 10/8/91	Analysis Method: EPA 8270
Date of Sample Extraction: 10/23/91	Matrix: Tissue
Date of Sample Analysis: 11/30/91	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	53	23 - 120
2-Fluorobiphenyl	100 ug	78	30 - 115
P-Terphenyl-d ₁₄	100 ug	60	18 - 137
Phenol-d ₅	200 ug	45	24 - 113
2-Fluorophenol	200 ug	48	25 - 121
2,4,6-Tribromophenol	200 ug	57	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 26 - 27
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8732
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	140
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 26 - 27
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8732
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	120
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	42	23 - 120
2-Fluorobiphenyl	100 ug	84	30 - 115
P-Terphenyl-d ₁₄	100 ug	67	18 - 137
Phenol-d ₅	200 ug	51	24 - 113
2-Fluorophenol	200 ug	44	25 - 121
2,4,6-Tribromophenol	200 ug	61	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 57
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8733
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	170
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 57
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8733
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	48	23 - 120
2-Fluorobiphenyl	100 ug	77	30 - 115
P-Terphenyl-d ₁₄	100 ug	73	18 - 137
Phenol-d ₅	200 ug	56	24 - 113
2-Fluorophenol	200 ug	49	25 - 121
2,4,6-Tribromophenol	200 ug	74	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 50
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8734
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
<u>Aniline</u>	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
<u>Benzo(a)anthracene</u>	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
<u>Benzo(a)pyrene</u>	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
<u>Benzyl butyl phthalate</u>	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
<u>bis(2-Ethylhexyl) phthalate</u>	117-81-7	100	140
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
<u>4-Chloroaniline</u>	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
<u>Chrysene</u>	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
<u>Di-n-butyl phthalate</u>	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
<u>1,4-Dichlorobenzene</u>	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
<u>Dimethyl phthalate</u>	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
<u>Di-n-octyl phthalate</u>	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
<u>Hexachlorobenzene</u>	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 50
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8734
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	60	23 - 120
2-Fluorobiphenyl	100 ug	85	30 - 115
P-Terphenyl-d ₁₄	100 ug	77	18 - 137
Phenol-d ₅	200 ug	63	24 - 113
2-Fluorophenol	200 ug	64	25 - 121
2,4,6-Tribromophenol	200 ug	76	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 37 - 38
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8735
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	200
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 37 - 38
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8735
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	49	23 - 120
2-Fluorobiphenyl	100 ug	72	30 - 115
P-Terphenyl-d ₁₄	100 ug	55	18 - 137
Phenol-d ₅	200 ug	54	24 - 113
2-Fluorophenol	200 ug	55	25 - 121
2,4,6-Tribromophenol	200 ug	62	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 141
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8736
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 141
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8736
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	38	23 - 120
2-Fluorobiphenyl	100 ug	78	30 - 115
P-Terphenyl-d ₁₄	100 ug	72	18 - 137
Phenol-d ₅	200 ug	49	24 - 113
2-Fluorophenol	200 ug	36	25 - 121
2,4,6-Tribromophenol	200 ug	66	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 22 - 23
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8737
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 22 - 23
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8737
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	42	23 - 120
2-Fluorobiphenyl	100 ug	73	30 - 115
P-Terphenyl-d ₁₄	100 ug	68	18 - 137
Phenol-d ₅	200 ug	60	24 - 113
2-Fluorophenol	200 ug	55	25 - 121
2,4,6-Tribromophenol	200 ug	80	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-3
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-3
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	45	23 - 120
2-Fluorobiphenyl	100 ug	82	30 - 115
P-Terphenyl-d ₁₄	100 ug	83	18 - 137
Phenol-d ₅	200 ug	47	24 - 113
2-Fluorophenol	200 ug	42	25 - 121
2,4,6-Tribromophenol	200 ug	70	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738 MS
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	71	26 - 90
2-Chlorophenol	10000	74	25 - 102
1,4-Dichlorobenzene	5000	45	28 - 104
N-Nitroso-di-n-propylamine	5000	52	41 - 126
1,2,4-Trichlorobenzene	5000	80	38 - 107
4-Chloro-3-methylphenol	10000	93	26 - 103
Acenaphthene	5000	86	31 - 137
4-Nitrophenol	10000	77	11 - 114
2,4-Dinitrotoluene	5000	29	28 - 89
Pentachlorophenol	10000	55	17 - 109
Pyrene	5000	122	35 - 142



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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8738 MSP
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	61	26 - 90
2-Chlorophenol	10000	61	25 - 102
1,4-Dichlorobenzene	5000	46	28 - 104
N-Nitroso-di-n-propylamine	5000	50	41 - 126
1,2,4-Trichlorobenzene	5000	71	38 - 107
4-Chloro-3-methylphenol	10000	80	26 - 103
Acenaphthene	5000	77	31 - 137
4-Nitrophenol	10000	86	11 - 114
2,4-Dinitrotoluene	5000	36	28 - 89
Pentachlorophenol	10000	47	17 - 109
Pyrene	5000	112	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-3-D
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8739
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	790
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-43-D
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 11/30/91

Alden Job Number: 9110014/1
Alden Sample Number: 8739
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
<u>N-Nitrosodi-n-propylamine</u>	<u>621-64-7</u>	<u>100</u>	<u>< 100</u>
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	36	23 - 120
2-Fluorobiphenyl	100 ug	53	30 - 115
P-Terphenyl-d ₁₄	100 ug	42	18 - 137
Phenol-d ₅	200 ug	62	24 - 113
2-Fluorophenol	200 ug	66	25 - 121
2,4,6-Tribromophenol	200 ug	80	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-4
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 12/1/91

Alden Job Number: 9110014/1
Alden Sample Number: 8740
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	240
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-4
Date of Sample Receipt: 10/8/91
Date of Sample Extraction: 10/23/91
Date of Sample Analysis: 12/1/91

Alden Job Number: 9110014/1
Alden Sample Number: 8740
Analysis Method: EPA.8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	49	23 - 120
2-Fluorobiphenyl	100 ug	85	30 - 115
P-Terphenyl-d ₁₄	100 ug	73	18 - 137
Phenol-d ₅	200 ug	53	24 - 113
2-Fluorophenol	200 ug	57	25 - 121
2,4,6-Tribromophenol	200 ug	74	19 - 122



Alden Analytical
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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/5/91

Alden Job Number: 9110027/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/5/91

Alden Job Number: 9110027/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	20	23 - 120
2-Fluorobiphenyl	100 ug	32	30 - 115
P-Terphenyl-d ₁₄	100 ug	38	18 - 137
Phenol-d ₅	200 ug	26	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	51	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-2-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110027/1
Alden Sample Number: 8817
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	500
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	150
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-2-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110027/1
Alden Sample Number: 8817
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	63	23 - 120
2-Fluorobiphenyl	100 ug	99	30 - 115
P-Terphenyl-d ₁₄	100 ug	87	18 - 137
Phenol-d ₅	200 ug	34	24 - 113
2-Fluorophenol	200 ug	35	25 - 121
2,4,6-Tribromophenol	200 ug	36	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/5/91

Alden Job Number: 9110027/1
Alden Sample Number: 8818
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/5/91

Alden Job Number: 9110027/1
Alden Sample Number: 8818
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	30	23 - 120
2-Fluorobiphenyl	100 ug	42	30 - 115
P-Terphenyl-d ₁₄	100 ug	34	18 - 137
Phenol-d ₅	200 ug	47	24 - 113
2-Fluorophenol	200 ug	38	25 - 121
2,4,6-Tribromophenol	200 ug	42	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110027/1
Client Sample Number: Matrix Spike	Alden Sample Number: 8818 MS
Date of Sample Receipt: 10/16/91	Analysis Method: EPA 8270
Date of Sample Extraction: 10/29/91	Matrix: Tissue
Date of Sample Analysis: 12/5/91	Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	57	26 - 90
2-Chlorophenol	10000	55	25 - 102
1,4-Dichlorobenzene	5000	51	28 - 104
N-Nitroso-di-n-propylamine	5000	67	41 - 126
1,2,4-Trichlorobenzene	5000	77	38 - 107
4-Chloro-3-methylphenol	10000	61	26 - 103
Acenaphthene	5000	92	31 - 137
4-Nitrophenol	10000	53	11 - 114
2,4-Dinitrotoluene	5000	40	28 - 89
Pentachlorophenol	10000	3	17 - 109
Pyrene	5000	80	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110027/1
Client Sample Number: Spike Duplicate	Alden Sample Number: 8818 MSD
Date of Sample Receipt: 10/16/91	Analysis Method: EPA 8270
Date of Sample Extraction: 10/29/91	Matrix: Tissue
Date of Sample Analysis: 12/5/91	Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	50	26 - 90
2-Chlorophenol	10000	54	25 - 102
1,4-Dichlorobenzene	5000	62	28 - 104
N-Nitroso-di-n-propylamine	5000	80	41 - 126
1,2,4-Trichlorobenzene	5000	81	38 - 107
4-Chloro-3-methylphenol	10000	60	26 - 103
Acenaphthene	5000	98	31 - 137
4-Nitrophenol	10000	48	11 - 114
2,4-Dinitrotoluene	5000	44	28 - 89
Pentachlorophenol	10000	4	17 - 109
Pyrene	5000	114	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-42
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110027/1
Alden Sample Number: 8819
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	220
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-2
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110027/1
Alden Sample Number: 8819
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	44	23 - 120
2-Fluorobiphenyl	100 ug	78	30 - 115
P-Terphenyl-d ₁₄	100 ug	98	18 - 137
Phenol-d ₅	200 ug	38	24 - 113
2-Fluorophenol	200 ug	27	25 - 121
2,4,6-Tribromophenol	200 ug	43	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110027/1
Alden Sample Number: 8820
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	160
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-4-1-D
Date of Sample Receipt: 10/16/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110027/1
Alden Sample Number: 8820
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	115	23 - 120
2-Fluorobiphenyl	100 ug	178	30 - 115
P-Terphenyl-d ₁₄	100 ug	172	18 - 137
Phenol-d ₅	200 ug	95	24 - 113
2-Fluorophenol	200 ug	70	25 - 121
2,4,6-Tribromophenol	200 ug	86	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/5/91

Alden Job Number: 9110015/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9110015/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8270
Date of Sample Extraction: 10/29/91	Matrix: Tissue
Date of Sample Analysis: 12/5/91	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	20	23 - 120
2-Fluorobiphenyl	100 ug	32	30 - 115
P-Terphenyl-d ₁₄	100 ug	38	18 - 137
Phenol-d ₅	200 ug	26	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	51	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 74-75
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1.
Alden Sample Number: 8741
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
<u>Aniline</u>	<u>62-53-3</u>	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
<u>Benzo(a)anthracene</u>	<u>56-55-3</u>	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
<u>Benzo(a)pyrene</u>	<u>50-32-8</u>	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
<u>Benzyl butyl phthalate</u>	<u>85-68-7</u>	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
<u>bis(2-Ethylhexyl) phthalate</u>	<u>117-81-7</u>	100	980
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
<u>4-Chloroaniline</u>	<u>106-47-8</u>	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
<u>Di-n-butyl phthalate</u>	<u>84-74-2</u>	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
<u>Dimethyl phthalate</u>	<u>131-11-3</u>	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
<u>Di-n-octyl phthalate</u>	<u>117-84-0</u>	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 74-75
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8741
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	110
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	49	23 - 120
2-Fluorobiphenyl	100 ug	88	30 - 115
P-Terphenyl-d ₁₄	100 ug	78	18 - 137
Phenol-d ₅	200 ug	43	24 - 113
2-Fluorophenol	200 ug	33	25 - 121
2,4,6-Tribromophenol	200 ug	41	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 79
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8742
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	110
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 79
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8742
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	30	23 - 120
2-Fluorobiphenyl	100 ug	73	30 - 115
P-Terphenyl-d ₁₄	100 ug	67	18 - 137
Phenol-d ₅	200 ug	31	24 - 113
2-Fluorophenol	200 ug	19	25 - 121
2,4,6-Tribromophenol	200 ug	35	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 86
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8743
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	470
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: RM 86
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8743
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	210
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	33	23 - 120
2-Fluorobiphenyl	100 ug	70	30 - 115
P-Terphenyl-d ₁₄	100 ug	64	18 - 137
Phenol-d ₅	200 ug	33	24 - 113
2-Fluorophenol	200 ug	22	25 - 121
2,4,6-Tribromophenol	200 ug	30	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Columbia River
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8744
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	3100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Columbia River
Date of Sample Receipt: 10/9/91
Date of Sample Extraction: 10/29/91
Date of Sample Analysis: 12/6/91

Alden Job Number: 9110015/1
Alden Sample Number: 8744
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	280
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	33	23 - 120
2-Fluorobiphenyl	100 ug	59	30 - 115
P-Terphenyl-d ₁₄	100 ug	50	18 - 137
Phenol-d ₅	200 ug	25	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	25	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/19/91

Alden Job Number: 9110057/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	420
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/19/91

Alden Job Number: 9110057/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	41	23 - 120
2-Fluorobiphenyl	100 ug	69	30 - 115
P-Terphenyl-d ₁₄	100 ug	80	18 - 137
Phenol-d ₅	200 ug	29	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	75	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-5
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9001
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	590
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-5
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9001
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	33	23 - 120
2-Fluorobiphenyl	100 ug	66	30 - 115
P-Terphenyl-d ₁₄	100 ug	82	18 - 137
Phenol-d ₅	200 ug	38	24 - 113
2-Fluorophenol	200 ug	22	25 - 121
2,4,6-Tribromophenol	200 ug	52	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-2D
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9002
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1300
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-2D
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9002
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	18	23 - 120
2-Fluorobiphenyl	100 ug	36	30 - 115
P-Terphenyl-d ₁₄	100 ug	44	18 - 137
Phenol-d ₅	200 ug	20	24 - 113
2-Fluorophenol	200 ug	11	25 - 121
2,4,6-Tribromophenol	200 ug	27	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-3
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9003
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	500
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	110
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-3
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9003
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	39	23 - 120
2-Fluorobiphenyl	100 ug	77	30 - 115
P-Terphenyl-d ₁₄	100 ug	70	18 - 137
Phenol-d ₅	200 ug	49	24 - 113
2-Fluorophenol	200 ug	27	25 - 121
2,4,6-Tribromophenol	200 ug	55	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-4
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/19/91

Alden Job Number: 9110057/1
Alden Sample Number: 9004
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	190
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-2-4
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/19/91

Alden Job Number: 9110057/1
Alden Sample Number: 9004
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	41	23 - 120
2-Fluorobiphenyl	100 ug	77	30 - 115
P-Terphenyl-d ₁₄	100 ug	74	18 - 137
Phenol-d ₅	200 ug	38	24 - 113
2-Fluorophenol	200 ug	27	25 - 121
2,4,6-Tribromophenol	200 ug	63	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9004 MS
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	63	26 - 90
2-Chlorophenol	10000	65	25 - 102
1,4-Dichlorobenzene	5000	49	28 - 104
N-Nitroso-di-n-propylamine	5000	72	41 - 126
1,2,4-Trichlorobenzene	5000	71	38 - 107
4-Chloro-3-methylphenol	10000	84	26 - 103
Acenaphthene	5000	84	31 - 137
4-Nitrophenol	10000	53	11 - 114
2,4-Dinitrotoluene	5000	31	28 - 89
Pentachlorophenol	10000	9	17 - 109
Pyrene	5000	78	35 - 142



Alden Analytical
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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9004 MSD
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	62	26 - 90
2-Chlorophenol	10000	57	25 - 102
1,4-Dichlorobenzene	5000	41	28 - 104
N-Nitroso-di-n-propylamine	5000	69	41 - 126
1,2,4-Trichlorobenzene	5000	70	38 - 107
4-Chloro-3-methylphenol	10000	80	26 - 103
Acenaphthene	5000	90	31 - 137
4-Nitrophenol	10000	48	11 - 114
2,4-Dinitrotoluene	5000	28	28 - 89
Pentachlorophenol	10000	7	17 - 109
Pyrene	5000	83	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9005
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	450
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	130
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9005
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-30-5	200	< 200
Isophorone	78-50-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-41-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	49	23 - 120
2-Fluorobiphenyl	100 ug	83	30 - 115
P-Terphenyl-d ₁₄	100 ug	85	18 - 137
Phenol-d ₅	200 ug	50	24 - 113
2-Fluorophenol	200 ug	36	25 - 121
2,4,6-Tribromophenol	200 ug	47	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9006
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	480
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31C
Date of Sample Receipt: 10/31/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9110057/1
Alden Sample Number: 9006
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	50	23 - 120
2-Fluorobiphenyl	100 ug	80	30 - 115
P-Terphenyl-d ₁₄	100 ug	100	18 - 137
Phenol-d ₅	200 ug	39	24 - 113
2-Fluorophenol	200 ug	34	25 - 121
2,4,6-Tribromophenol	200 ug	41	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/19/91

Alden Job Number: 9111009/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	420
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/19/91

Alden Job Number: 9111009/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	41	23 - 120
2-Fluorobiphenyl	100 ug	69	30 - 115
P-Terphenyl-d ₁₄	100 ug	80	18 - 137
Phenol-d ₅	200 ug	29	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	75	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9038
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9038
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	39	23 - 120
2-Fluorobiphenyl	100 ug	74	30 - 115
P-Terphenyl-d ₁₄	100 ug	95	18 - 137
Phenol-d ₅	200 ug	36	24 - 113
2-Fluorophenol	200 ug	23	25 - 121
2,4,6-Tribromophenol	200 ug	55	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-3-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9039
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	990
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	190
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-3-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9039
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	56	23 - 120
2-Fluorobiphenyl	100 ug	87	30 - 115
P-Terphenyl-d ₁₄	100 ug	123	18 - 137
Phenol-d ₅	200 ug	46	24 - 113
2-Fluorophenol	200 ug	31	25 - 121
2,4,6-Tribromophenol	200 ug	52	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-1-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9040
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
<u>Aniline</u>	<u>62-53-3</u>	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
<u>Benzo(a)anthracene</u>	<u>56-55-3</u>	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
<u>Benzo(a)pyrene</u>	<u>50-32-8</u>	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
<u>Benzyl butyl phthalate</u>	<u>85-68-7</u>	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1200
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
<u>4-Chloroaniline</u>	<u>106-47-8</u>	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
<u>Chrysene</u>	<u>218-01-9</u>	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
<u>Di-n-butyl phthalate</u>	<u>84-74-2</u>	100	170
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
<u>1,4-Dichlorobenzene</u>	<u>106-46-7</u>	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
<u>Dimethyl phthalate</u>	<u>131-11-3</u>	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
<u>Di-n-octyl phthalate</u>	<u>117-84-0</u>	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
<u>Hexachlorobenzene</u>	<u>118-74-1</u>	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-1-D
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9040
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	44	23 - 120
2-Fluorobiphenyl	100 ug	80	30 - 115
P-Terphenyl-d ₁₄	100 ug	110	18 - 137
Phenol-d ₅	200 ug	45	24 - 113
2-Fluorophenol	200 ug	31	25 - 121
2,4,6-Tribromophenol	200 ug	60	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-DUPE-Downriver
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9041
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	650
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	150
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-DUPE-Downriver
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9041
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	44	23 - 120
2-Fluorobiphenyl	100 ug	79	30 - 115
P-Terphenyl-d ₁₄	100 ug	115	18 - 137
Phenol-d ₅	200 ug	32	24 - 113
2-Fluorophenol	200 ug	23	25 - 121
2,4,6-Tribromophenol	200 ug	69	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9042
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1500
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-6
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9042
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	42	23 - 120
2-Fluorobiphenyl	100 ug	80	30 - 115
P-Terphenyl-d ₁₄	100 ug	115	18 - 137
Phenol-d ₅	200 ug	36	24 - 113
2-Fluorophenol	200 ug	23	25 - 121
2,4,6-Tribromophenol	200 ug	60	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9043
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	790
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	160
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9043
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	42	23 - 120
2-Fluorobiphenyl	100 ug	78	30 - 115
P-Terphenyl-d ₁₄	100 ug	107	18 - 137
Phenol-d ₅	200 ug	39	24 - 113
2-Fluorophenol	200 ug	39	25 - 121
2,4,6-Tribromophenol	200 ug	56	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9044
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	850
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9044
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	230
Naphthalene	91-20-3	100	220
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	48	23 - 120
2-Fluorobiphenyl	100 ug	80	30 - 115
P-Terphenyl-d ₁₄	100 ug	105	18 - 137
Phenol-d ₅	200 ug	40	24 - 113
2-Fluorophenol	200 ug	36	25 - 121
2,4,6-Tribromophenol	200 ug	37	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D29C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9045
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	3800
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	1800
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	1000
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D29C
Date of Sample Receipt: 11/5/91
Date of Sample Extraction: 11/14/91
Date of Sample Analysis: 12/20/91

Alden Job Number: 9111009/1
Alden Sample Number: 9045
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	101
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	2900
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	5200
1,2,4-Trichlorobenzene	120-82-1	200	3100
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	5600
2-Chlorophenol	95-57-8	100	4200
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	4000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	5000
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	43	23 - 120
2-Fluorobiphenyl	100 ug	73	30 - 115
P-Terphenyl-d ₁₄	100 ug	109	18 - 137
Phenol-d ₅	200 ug	42	24 - 113
2-Fluorophenol	200 ug	28	25 - 121
2,4,6-Tribromophenol	200 ug	40	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	50	23 - 120
2-Fluorobiphenyl	100 ug	70	30 - 115
P-Terphenyl-d ₁₄	100 ug	85	18 - 137
Phenol-d ₅	200 ug	41	24 - 113
2-Fluorophenol	200 ug	32	25 - 121
2,4,6-Tribromophenol	200 ug	76	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-4
Date of Sample Receipt: 11/12/92
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: 9102
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-1-4
Date of Sample Receipt: 11/12/92
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: 9102
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	58	23 - 120
2-Fluorobiphenyl	100 ug	76	30 - 115
P-Terphenyl-d ₁₄	100 ug	68	18 - 137
Phenol-d ₅	200 ug	34	24 - 113
2-Fluorophenol	200 ug	13	25 - 121
2,4,6-Tribromophenol	200 ug	90	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-4
Date of Sample Receipt: 11/12/92
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: 9103
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: ST-3-4
Date of Sample Receipt: 11/12/92
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: 9103
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	58	23 - 120
2-Fluorobiphenyl	100 ug	102	30 - 115
P-Terphenyl-d ₁₄	100 ug	126	18 - 137
Phenol-d ₅	200 ug	68	24 - 113
2-Fluorophenol	200 ug	42	25 - 121
2,4,6-Tribromophenol	200 ug	98	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 11/12/91
Date of Sample Extraction: 11/18/91
Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1
Alden Sample Number: 9103 MS
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	63	26 - 90
2-Chlorophenol	10000	46	25 - 102
1,4-Dichlorobenzene	5000	62	28 - 104
N-Nitroso-di-n-propylamine	5000	106	41 - 126
1,2,4-Trichlorobenzene	5000	92	38 - 107
4-Chloro-3-methylphenol	10000	67	26 - 103
Acenaphthene	5000	112	31 - 137
4-Nitrophenol	10000	48	11 - 114
2,4-Dinitrotoluene	5000	48	28 - 89
Pentachlorophenol	10000	43	17 - 109
Pyrene	5000	147	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech

Client Sample Number: Spike Duplicate

Date of Sample Receipt: 11/12/91

Date of Sample Extraction: 11/18/91

Date of Sample Analysis: 12/28/91

Alden Job Number: 9111016/1

Alden Sample Number: 9103 MSD

Analysis Method: EPA 8270

Matrix: Tissue

Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	74	26 - 90
2-Chlorophenol	10000	64	25 - 102
1,4-Dichlorobenzene	5000	45	28 - 104
N-Nitroso-di-n-propylamine	5000	88	41 - 126
1,2,4-Trichlorobenzene	5000	77	38 - 107
4-Chloro-3-methylphenol	10000	78	26 - 103
Acenaphthene	5000	99	31 - 137
4-Nitrophenol	10000	73	11 - 114
2,4-Dinitrotoluene	5000	46	28 - 89
Pentachlorophenol	10000	72	17 - 109
Pyrene	5000	128	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112005/1
Client Sample Number: N/A	Alden Sample Number: Blank
Date of Sample Receipt: N/A	Analysis Method: EPA 8270
Date of Sample Extraction: 12/12/91	Matrix: Tissue
Date of Sample Analysis: 1/17/92	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	42	23 - 120
2-Fluorobiphenyl	100 ug	69	30 - 115
P-Terphenyl-d ₁₄	100 ug	94	18 - 137
Phenol-d ₅	200 ug	24	24 - 113
2-Fluorophenol	200 ug	18	25 - 121
2,4,6-Tribromophenol	200 ug	94	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9221
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9221
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	77	23 - 120
2-Fluorobiphenyl	100 ug	114	30 - 115
P-Terphenyl-d ₁₄	100 ug	180	18 - 137
Phenol-d ₅	200 ug	53	24 - 113
2-Fluorophenol	200 ug	38	25 - 121
2,4,6-Tribromophenol	200 ug	59	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9222
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	530
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9222
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	54	23 - 120
2-Fluorobiphenyl	100 ug	101	30 - 115
P-Terphenyl-d ₁₄	100 ug	100	18 - 137
Phenol-d ₅	200 ug	50	24 - 113
2-Fluorophenol	200 ug	37	25 - 121
2,4,6-Tribromophenol	200 ug	84	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112005/1
Alden Sample Number: 9222 MS
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	68	26 - 90
2-Chlorophenol	10000	76	25 - 102
1,4-Dichlorobenzene	5000	42	28 - 104
N-Nitroso-di-n-propylamine	5000	89	41 - 126
1,2,4-Trichlorobenzene	5000	93	38 - 107
4-Chloro-3-methylphenol	10000	95	26 - 103
Acenaphthene	5000	113	31 - 137
4-Nitrophenol	10000	90	11 - 114
2,4-Dinitrotoluene	5000	55	28 - 89
Pentachlorophenol	10000	13	17 - 109
Pyrene	5000	140	35 - 142



Alden Analytical
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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112005/1
Alden Sample Number: 9222 MSD
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	65	26 - 90
2-Chlorophenol	10000	63	25 - 102
<u>1,4-Dichlorobenzene</u>	<u>5000</u>	<u>42</u>	<u>28 - 104</u>
N-Nitroso-di-n-propylamine	5000	86	41 - 126
1,2,4-Trichlorobenzene	5000	92	38 - 107
<u>4-Chloro-3-methylphenol</u>	<u>10000</u>	<u>88</u>	<u>26 - 103</u>
Acenaphthene	5000	113	31 - 137
4-Nitrophenol	10000	79	11 - 114
<u>2,4-Dinitrotoluene</u>	<u>5000</u>	<u>57</u>	<u>28 - 89</u>
Pentachlorophenol	10000	15	17 - 109
Pyrene	5000	134	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9223
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9223
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	72	23 - 120
2-Fluorobiphenyl	100 ug	115	30 - 115
P-Terphenyl-d ₁₄	100 ug	170	18 - 137
Phenol-d ₅	200 ug	43	24 - 113
2-Fluorophenol	200 ug	36	25 - 121
2,4,6-Tribromophenol	200 ug	63	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D40C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9224
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1500
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D40C
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/17/92

Alden Job Number: 9112005/1
Alden Sample Number: 9224
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	65	23 - 120
2-Fluorobiphenyl	100 ug	110	30 - 115
P-Terphenyl-d ₁₄	100 ug	136	18 - 137
Phenol-d ₅	200 ug	54	24 - 113
2-Fluorophenol	200 ug	41	25 - 121
2,4,6-Tribromophenol	200 ug	67	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D40S
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112005/1
Alden Sample Number: 9225
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D40S
Date of Sample Receipt: 12/10/91
Date of Sample Extraction: 12/12/91
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112005/1
Alden Sample Number: 9225
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	71	23 - 120
2-Fluorobiphenyl	100 ug	107	30 - 115
P-Terphenyl-d ₁₄	100 ug	149	18 - 137
Phenol-d ₅	200 ug	39	24 - 113
2-Fluorophenol	200 ug	42	25 - 121
2,4,6-Tribromophenol	200 ug	64	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	65	23 - 120
2-Fluorobiphenyl	100 ug	102	30 - 115
P-Terphenyl-d ₁₄	100 ug	127	18 - 137
Phenol-d ₅	200 ug	66	24 - 113
2-Fluorophenol	200 ug	50	25 - 121
2,4,6-Tribromophenol	200 ug	93	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D15S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9270
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	1100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D15S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9270
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	68	23 - 120
2-Fluorobiphenyl	100 ug	110	30 - 115
P-Terphenyl-d ₁₄	100 ug	132	18 - 137
Phenol-d ₅	200 ug	45	24 - 113
2-Fluorophenol	200 ug	35	25 - 121
2,4,6-Tribromophenol	200 ug	59	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9271
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D26S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9271
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	67	23 - 120
2-Fluorobiphenyl	100 ug	110	30 - 115
P-Terphenyl-d ₁₄	100 ug	135	18 - 137
Phenol-d ₅	200 ug	45	24 - 113
2-Fluorophenol	200 ug	41	25 - 121
2,4,6-Tribromophenol	200 ug	61	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 12/17/91
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9271 MS
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	44	26 - 90
2-Chlorophenol	10000	54	25 - 102
1,4-Dichlorobenzene	5000	73	28 - 104
N-Nitroso-di-n-propylamine	5000	91	41 - 126
1,2,4-Trichlorobenzene	5000	101	38 - 107
4-Chloro-3-methylphenol	10000	57	26 - 103
Acenaphthene	5000	95	31 - 137
4-Nitrophenol	10000	96	11 - 114
2,4-Dinitrotoluene	5000	38	28 - 89
Pentachlorophenol	10000	14	17 - 109
Pyrene	5000	136	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 12/17/91
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9271 MSD
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	58	26 - 90
2-Chlorophenol	10000	63	25 - 102
1,4-Dichlorobenzene	5000	67	28 - 104
N-Nitroso-di-n-propylamine	5000	84	41 - 126
1,2,4-Trichlorobenzene	5000	91	38 - 107
4-Chloro-3-methylphenol	10000	69	26 - 103
Acenaphthene	5000	87	31 - 137
4-Nitrophenol	10000	80	11 - 114
2,4-Dinitrotoluene	5000	33	28 - 89
Pentachlorophenol	10000	13	17 - 109
Pyrene	5000	121	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D19S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9272
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	800
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D19S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9272
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	65	23 - 120
2-Fluorobiphenyl	100 ug	107	30 - 115
P-Terphenyl-d ₁₄	100 ug	137	18 - 137
Phenol-d ₅	200 ug	42	24 - 113
2-Fluorophenol	200 ug	39	25 - 121
2,4,6-Tribromophenol	200 ug	61	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9273
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	440
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D35S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9273
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	140
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	64	23 - 120
2-Fluorobiphenyl	100 ug	106	30 - 115
P-Terphenyl-d ₁₄	100 ug	99	18 - 137
Phenol-d ₅	200 ug	46	24 - 113
2-Fluorophenol	200 ug	36	25 - 121
2,4,6-Tribromophenol	200 ug	63	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9274
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	680
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D31S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9274
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	70	23 - 120
2-Fluorobiphenyl	100 ug	112	30 - 115
P-Terphenyl-d ₁₄	100 ug	135	18 - 137
Phenol-d ₅	200 ug	34	24 - 113
2-Fluorophenol	200 ug	29	25 - 121
2,4,6-Tribromophenol	200 ug	43	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9275
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	370
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/19/92

Alden Job Number: 9112012/1
Alden Sample Number: 9275
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	62	23 - 120
2-Fluorobiphenyl	100 ug	104	30 - 115
P-Terphenyl-d ₁₄	100 ug	118	18 - 137
Phenol-d ₅	200 ug	47	24 - 113
2-Fluorophenol	200 ug	40	25 - 121
2,4,6-Tribromophenol	200 ug	67	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D29S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/20/92

Alden Job Number: 9112012/1
Alden Sample Number: 9276
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	470
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D29S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/20/92

Alden Job Number: 9112012/1
Alden Sample Number: 9276
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
<u>N-Nitrosodi-n-propylamine</u>	<u>621-64-7</u>	<u>100</u>	<u>< 100</u>
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	60	23 - 120
2-Fluorobiphenyl	100 ug	104	30 - 115
P-Terphenyl-d ₁₄	100 ug	124	18 - 137
Phenol-d ₅	200 ug	28	24 - 113
2-Fluorophenol	200 ug	32	25 - 121
2,4,6-Tribromophenol	200 ug	44	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D22S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/20/92

Alden Job Number: 9112012/1
Alden Sample Number: 9277
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	850
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D22S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/20/92

Alden Job Number: 9112012/1
Alden Sample Number: 9277
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	65	23 - 120
2-Fluorobiphenyl	100 ug	107	30 - 115
P-Terphenyl-d ₁₄	100 ug	129	18 - 137
Phenol-d ₅	200 ug	50	24 - 113
2-Fluorophenol	200 ug	43	25 - 121
2,4,6-Tribromophenol	200 ug	57	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28S
Date of Sample Receipt: 12/17/92
Date of Sample Extraction: 1/3/92
Date of Sample Analysis: 1/20/92

Alden Job Number: 9112012/1
Alden Sample Number: 9278
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9112012/1
Client Sample Number: D28S	Alden Sample Number: 9278
Date of Sample Receipt: 12/17/92	Analysis Method: EPA 8270
Date of Sample Extraction: 1/3/92	Matrix: Tissue
Date of Sample Analysis: 1/20/92	Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	<u>100</u>	<u>< 100</u>
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	64	23 - 120
2-Fluorobiphenyl	100 ug	109	30 - 115
P-Terphenyl-d ₁₄	100 ug	114	18 - 137
Phenol-d ₅	200 ug	37	24 - 113
2-Fluorophenol	200 ug	33	25 - 121
2,4,6-Tribromophenol	200 ug	43	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9112028/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9112028/1
Alden Sample Number: Blank
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	57	23 - 120
2-Fluorobiphenyl	100 ug	89	30 - 115
P-Terphenyl-d ₁₄	100 ug	97	18 - 137
Phenol-d ₅	200 ug	26	24 - 113
2-Fluorophenol	200 ug	21	25 - 121
2,4,6-Tribromophenol	200 ug	86	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9339
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9339
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	<u>100</u>	<u>< 100</u>
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	<u>200</u>	<u>< 200</u>
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	<u>100</u>	<u>< 100</u>
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	<u>100</u>	<u>< 100</u>
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	<u>1000</u>	<u>< 1000</u>
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	<u>200</u>	<u>< 200</u>
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>1000</u>	<u>< 1000</u>
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	48	23 - 120
2-Fluorobiphenyl	100 ug	83	30 - 115
P-Terphenyl-d ₁₄	100 ug	70	18 - 137
Phenol-d ₅	200 ug	46	24 - 113
2-Fluorophenol	200 ug	35	25 - 121
2,4,6-Tribromophenol	200 ug	69	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9112028/1
Alden Sample Number: 9340
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9112028/1
Alden Sample Number: 9340
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	66	23 - 120
2-Fluorobiphenyl	100 ug	107	30 - 115
P-Terphenyl-d ₁₄	100 ug	78	18 - 137
Phenol-d ₅	200 ug	41	24 - 113
2-Fluorophenol	200 ug	34	25 - 121
2,4,6-Tribromophenol	200 ug	70	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9112028/1
Alden Sample Number: 9340 MS
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	53	26 - 90
2-Chlorophenol	10000	64	25 - 102
1,4-Dichlorobenzene	5000	65	28 - 104
N-Nitroso-di-n-propylamine	5000	91	41 - 126
1,2,4-Trichlorobenzene	5000	91	38 - 107
4-Chloro-3-methylphenol	10000	78	26 - 103
Acenaphthene	5000	99	31 - 137
4-Nitrophenol	10000	58	11 - 114
2,4-Dinitrotoluene	5000	22	28 - 89
Pentachlorophenol	10000	18	17 - 109
Pyrene	5000	119	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/22/92

Alden Job Number: 9112028/1
Alden Sample Number: 9340 MSD
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
Phenol	10000	63	26 - 90
2-Chlorophenol	10000	66	25 - 102
1,4-Dichlorobenzene	5000	66	28 - 104
N-Nitroso-di-n-propylamine	5000	93	41 - 126
1,2,4-Trichlorobenzene	5000	89	38 - 107
4-Chloro-3-methylphenol	10000	84	26 - 103
Acenaphthene	5000	98	31 - 137
4-Nitrophenol	10000	66	11 - 114
2,4-Dinitrotoluene	5000	27	28 - 89
Pentachlorophenol	10000	12	17 - 109
Pyrene	5000	102	35 - 142



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9341
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D38S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9341
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	63	23 - 120
2-Fluorobiphenyl	100 ug	109	30 - 115
P-Terphenyl-d ₁₄	100 ug	140	18 - 137
Phenol-d ₅	200 ug	36	24 - 113
2-Fluorophenol	200 ug	44	25 - 121
2,4,6-Tribromophenol	200 ug	79	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D6S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9342
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D6S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9342
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	63	23 - 120
2-Fluorobiphenyl	100 ug	102	30 - 115
P-Terphenyl-d ₁₄	100 ug	130	18 - 137
Phenol-d ₅	200 ug	41	24 - 113
2-Fluorophenol	200 ug	35	25 - 121
2,4,6-Tribromophenol	200 ug	70	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D20S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9343
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D20S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9343
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	59	23 - 120
2-Fluorobiphenyl	100 ug	97	30 - 115
P-Terphenyl-d ₁₄	100 ug	84	18 - 137
Phenol-d ₅	200 ug	59	24 - 113
2-Fluorophenol	200 ug	42	25 - 121
2,4,6-Tribromophenol	200 ug	93	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9344
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9344
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
2-Methylnaphthalene	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
3-Nitroaniline	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
N-Nitrosodiphenylamine	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
Pyrene	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
2-Chlorophenol	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
2,4-Dinitrophenol	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
4-Methylphenol	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
Pentachlorophenol	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	58	23 - 120
2-Fluorobiphenyl	100 ug	94	30 - 115
P-Terphenyl-d ₁₄	100 ug	92	18 - 137
Phenol-d ₅	200 ug	49	24 - 113
2-Fluorophenol	200 ug	36	25 - 121
2,4,6-Tribromophenol	200 ug	75	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9345
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9345
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	91-57-6	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	99-09-2	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	86-30-6	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	129-00-0	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	95-57-8	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	51-28-5	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	106-44-5	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	87-86-5	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	73	23 - 120
2-Fluorobiphenyl	100 ug	97	30 - 115
P-Terphenyl-d ₁₄	100 ug	103	18 - 137
Phenol-d ₅	200 ug	46	24 - 113
2-Fluorophenol	200 ug	39	25 - 121
2,4,6-Tribromophenol	200 ug	72	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D8S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9346
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS			
Acenaphthene	83-32-9	100	< 100
Acenaphthylene	208-96-8	100	< 100
Aniline	62-53-3	100	< 100
Anthracene	120-12-7	100	< 100
Azobenzene	103-33-3	100	< 100
Benzo(a)anthracene	56-55-3	100	< 100
Benzo(b)fluoranthene	205-99-2	200	< 200
Benzo(k)fluoranthene	207-08-9	200	< 200
Benzo(a)pyrene	50-32-8	200	< 200
Benzo(g,h,i)perylene	191-24-2	200	< 200
Benzyl alcohol	100-51-6	100	< 100
Benzyl butyl phthalate	85-68-7	100	< 100
bis(2-Chloroethyl) ether	111-44-4	100	< 100
bis(2-Chloroethoxy) methane	111-91-1	100	< 100
bis(2-Ethylhexyl) phthalate	117-81-7	100	< 100
bis(2-Chloroisopropyl) ether	108-60-1	100	< 100
4-Bromophenyl phenyl ether	101-55-3	200	< 200
4-Chloroaniline	106-47-8	200	< 200
2-Chloronaphthalene	91-58-7	100	< 100
4-Chlorophenyl phenyl ether	7005-72-3	100	< 100
Chrysene	218-01-9	100	< 100
Dibenzo(a,h)anthracene	53-70-3	200	< 200
Dibenzofuran	132-64-9	100	< 100
Di-n-butyl phthalate	84-74-2	100	< 100
1,3-Dichlorobenzene	541-73-1	100	< 100
1,2-Dichlorobenzene	95-50-1	100	< 100
1,4-Dichlorobenzene	106-46-7	100	< 100
3,3'-Dichlorobenzidine	91-94-1	1000	< 1000
Diethyl phthalate	84-66-2	200	< 200
Dimethyl phthalate	131-11-3	100	< 100
2,4-Dinitrotoluene	121-14-2	100	< 100
2,6-Dinitrotoluene	606-20-2	100	< 100
Di-n-octyl phthalate	117-84-0	200	< 200
Fluoranthene	206-44-0	100	< 100
Fluorene	86-73-7	100	< 100
Hexachlorobenzene	118-74-1	200	< 200
Hexachlorobutadiene	87-68-3	100	< 100
Hexachlorocyclopentadiene	77-47-4	500	< 500
Hexachloroethane	67-72-1	200	< 200



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D8S
Date of Sample Receipt: 12/27/91
Date of Sample Extraction: 1/8/92
Date of Sample Analysis: 1/23/92

Alden Job Number: 9112028/1
Alden Sample Number: 9346
Analysis Method: EPA 8270
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (CONTINUED)			
Indeno(1,2,3-c,d)pyrene	193-39-5	200	< 200
Isophorone	78-59-1	100	< 100
<u>2-Methylnaphthalene</u>	<u>91-57-6</u>	100	< 100
Naphthalene	91-20-3	100	< 100
2-Nitroaniline	88-74-4	200	< 200
<u>3-Nitroaniline</u>	<u>99-09-2</u>	200	< 200
4-Nitroaniline	100-01-6	200	< 200
Nitrobenzene	98-95-3	100	< 100
<u>N-Nitrosodiphenylamine</u>	<u>86-30-6</u>	100	< 100
N-Nitrosodi-n-propylamine	621-64-7	100	< 100
Phenanthrene	85-01-8	100	< 100
<u>Pyrene</u>	<u>129-00-0</u>	100	< 100
1,2,4-Trichlorobenzene	120-82-1	200	< 200
ACID EXTRACTABLE COMPOUNDS			
Benzoic acid	65-85-0	2000	< 2000
4-Chloro-3-methylphenol	59-50-7	200	< 200
<u>2-Chlorophenol</u>	<u>95-57-8</u>	100	< 100
2,4-Dichlorophenol	120-83-2	200	< 200
2,4-Dimethylphenol	105-67-9	100	< 100
<u>2,4-Dinitrophenol</u>	<u>51-28-5</u>	1000	< 1000
2-Methylphenol	95-48-7	200	< 200
2-Methyl-4,6-dinitrophenol	534-52-1	1000	< 1000
<u>4-Methylphenol</u>	<u>106-44-5</u>	200	< 200
2-Nitrophenol	88-75-5	200	< 200
4-Nitrophenol	100-02-7	1000	< 1000
<u>Pentachlorophenol</u>	<u>87-86-5</u>	1000	< 1000
Phenol	108-95-2	100	< 100
2,4,5-Trichlorophenol	95-95-4	200	< 200
2,4,6-Trichlorophenol	88-06-2	200	< 200

Surrogate	Amount Added	Percent Recovery	Recovery Limits
Nitrobenzene-d ₅	100 ug	58	23 - 120
2-Fluorobiphenyl	100 ug	90	30 - 115
P-Terphenyl-d ₁₄	100 ug	96	18 - 137
Phenol-d ₅	200 ug	70	24 - 113
2-Fluorophenol	200 ug	51	25 - 121
2,4,6-Tribromophenol	200 ug	106	19 - 122



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/24/92

Alden Job Number: 9201001/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	< 3.0
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	< 50



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: N/A
Date of Sample Receipt: N/A
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/24/92

Alden Job Number: 9201001/1
Alden Sample Number: Blank
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	78	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D3P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9350
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	< 25
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	100	< 100*
delta-BHC	319-86-8	40	< 40*
gamma-BHC	58-89-9	40	< 40*
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	50	< 50*
4,4'-DDE	72-55-9	25	270**
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	40	< 40*
Endosulfan I	959-98-8	25	45
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	40	< 40*
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	99
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	280



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D3P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9350
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	< 25
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	47
o,p DDD	25	49
o,p DDT	25	< 25
Parathion	25	26

Surrogate	% Recovery	Advisory QC Limits
DBC	120	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9350 TS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery
Dacthal	50	18*
Dicofal	50	*
Malathion	50	60
Methyl Parathion	50	180
Mirex	50	54
o,p DDE	50	70
o,p DDD	50	*
o,p DDT	50	104*
Parathion	50	*

Surrogate	% Recovery	Advisory QC Limits
DBC	56	25 - 125

* Analyte not recovered due to matrix interferences.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9351
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	< 25
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	40	< 40*
delta-BHC	319-86-8	25	< 25
gamma-BHC	58-89-9	25	< 25
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	30	< 30*
4,4'-DDE	72-55-9	55	< 55*
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	25	< 25
Endosulfan I	959-98-8	25	< 25
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	25	< 25
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	80



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D10P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9351
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	110
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	< 25
o,p DDD	25	< 25
o,p DDT	25	< 25
Parathion	25	< 25

Surrogate	% Recovery	Advisory QC Limits
DBC	124	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Matrix Spike
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9351 MS
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	148	56 - 120
Heptachlor	25	92	40 - 131
Aldrin	25	108	40 - 120
Dieldrin	100	97	52 - 126
Endrin	100	150	56 - 121
4,4'-DDT	100	79	38 - 127
Aroclor-1242	50	138	

Surrogate	% Recovery	Advisory QC Limits
DBC	84	25 - 150

Spike Recoveries highly affected by matrix interference and the presence of Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: Spike Duplicate
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9351 MSD
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Spike Added	Percent Recovery	Recovery QC Limits (%)
gamma-BHC	25	920	56 - 120
Heptachlor	25	168	40 - 131
Aldrin	25	176	40 - 120
Dieldrin	100	168	52 - 126
Endrin	100	159	56 - 121
4,4'-DDT	100	139	38 - 127
Aroclor-1242	50	162	

Surrogate	% Recovery	Advisory QC Limits
DBC	92	25 - 150

Spike Recoveries highly affected by matrix interference and the presence of Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9352
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	< 3.0
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	3.0	13
delta-BHC	319-86-8	3.0	< 3.0
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	3.0	< 3.0
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	130



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D12P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9352
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	<3.0
Dicofal	30	<30
Malathion	3.0	<3.0
Methyl Parathion	3.0	<3.0
Mirex	3.0	<3.0
o,p DDE	3.0	<3.0
o,p DDD	3.0	<3.0
o,p DDT	3.0	<3.0
Parathion	3.0	<3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	38	25 - 150



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9353
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	3.0	3.7
alpha-BHC	319-84-6	3.0	< 3.0
beta-BHC	319-85-7	25	< 25*
delta-BHC	319-86-8	9.0	< 9.0*
gamma-BHC	58-89-9	3.0	< 3.0
Chlordane	57-74-9	3.0	< 3.0
4,4'-DDD	72-54-8	3.0	< 3.0
4,4'-DDE	72-55-9	3.0	< 3.0
4,4'-DDT	50-29-3	3.0	< 3.0
Dieldrin	60-57-1	3.0	< 3.0
Endosulfan I	959-98-8	3.0	< 3.0
Endosulfan II	33212-65-9	3.0	< 3.0
Endosulfan sulfate	1031-07-8	3.0	< 3.0
Endrin	72-20-8	3.0	< 3.0
Endrin aldehyde	7421-93-4	3.0	< 3.0
Heptachlor	76-44-8	8.0	< 8.0*
Heptachlor epoxide	1024-57-3	3.0	< 3.0
Methoxychlor	72-43-5	30	< 30
Toxaphene	8001-35-2	150	< 150
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	120



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D16P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9353
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	3.0	13
Dicofal	30	< 30
Malathion	3.0	< 3.0
Methyl Parathion	3.0	< 3.0
Mirex	3.0	< 3.0
o,p DDE	3.0	< 3.0
o,p DDD	3.0	< 3.0
o,p DDT	3.0	< 3.0
Parathion	3.0	< 3.0

Surrogate	% Recovery	Advisory QC Limits
DBC	66	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D19P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9354
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	67
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	25	< 25
delta-BHC	319-86-8	25	< 25
gamma-BHC	58-89-9	40	< 40*
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	25	38
4,4'-DDE	72-55-9	25	140**
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	25	< 25
Endosulfan I	959-98-8	60	< 60*
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	30	< 30*
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	180



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech	Alden Job Number: 9201001/1
Client Sample Number: D19P	Alden Sample Number: 9354
Date of Sample Receipt: 1/3/92	Analysis Method: EPA 8080
Date of Sample Extraction: 1/15/92	Matrix: Tissue
Date of Sample Analysis: 1/27/92	Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	< 25
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	< 25
o,p DDD	25	< 25
o,p DDT	25	< 25
Parathion	35	< 35*

Surrogate	% Recovery	Advisory QC Limits
DBC	66	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D21P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9355
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	42
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	25	150
delta-BHC	319-86-8	25	< 25
gamma-BHC	58-89-9	40	< 40*
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	30	< 30*
4,4'-DDE	72-55-9	25	170**
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	25	35
Endosulfan I	959-98-8	25	69
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	25	40
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	160



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D21P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9355
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	< 25
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	< 25
o,p DDD	25	< 25
o,p DDT	25	< 25
Parathion	25	< 25

Surrogate	% Recovery	Advisory QC Limits
DBC	92	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9356
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	< 25
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	160	< 160*
delta-BHC	319-86-8	25	< 25
gamma-BHC	58-89-9	25	< 25
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	25	72
4,4'-DDE	72-55-9	25	200**
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	25	32
Endosulfan I	959-98-8	25	85
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	25	< 25
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	170



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D23P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9356
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	< 25
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	< 25
o,p DDD	25	< 25
o,p DDT	25	< 25
Parathion	25	< 25

Surrogate	% Recovery	Advisory QC Limits
DBC	146	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9357
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	< 25
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	50	< 50*
delta-BHC	319-86-8	25	< 25
gamma-BHC	58-89-9	25	< 25
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	30	< 30*
4,4'-DDE	72-55-9	25	480**
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	25	< 25
Endosulfan I	959-98-8	25	< 25
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	25	< 25
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	< 50
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	520



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D24P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9357
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	66
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	< 25
o,p DDD	25	< 25
o,p DDT	25	< 25
Parathion	25	< 25

Surrogate	% Recovery	Advisory QC Limits
DBC	102	25 - 150

* Reporting limits adjusted due to coeluting interfering peaks.

** Interfering coeluting peak present in Aroclor 1260.



Alden Analytical
Laboratories, Inc.

REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9358
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	CAS No.	Reporting Limit	Result
Aldrin	309-00-2	25	< 25
alpha-BHC	319-84-6	25	< 25
beta-BHC	319-85-7	25	< 25
delta-BHC	319-86-8	25	< 25
gamma-BHC	58-89-9	25	< 25
Chlordane	57-74-9	25	< 25
4,4'-DDD	72-54-8	25	< 25
4,4'-DDE	72-55-9	25	82**
4,4'-DDT	50-29-3	25	< 25
Dieldrin	60-57-1	25	< 25
Endosulfan I	959-98-8	25	< 25
Endosulfan II	33212-65-9	25	< 25
Endosulfan sulfate	1031-07-8	25	< 25
Endrin	72-20-8	25	< 25
Endrin aldehyde	7421-93-4	25	< 25
Heptachlor	76-44-8	25	< 25
Heptachlor epoxide	1024-57-3	25	< 25
Methoxychlor	72-43-5	250	< 250
Toxaphene	8001-35-2	1500	< 1500
Aroclor-1016	12674-11-2	50	< 50
Aroclor-1221	1104-28-2	50	< 50
Aroclor-1232	11141-16-5	50	< 50
Aroclor-1242	53469-21-9	50	78
Aroclor-1248	12672-29-6	50	< 50
Aroclor-1254	11097-69-1	50	< 50
Aroclor-1260	11096-82-5	50	86



Alden Analytical
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REPORT OF ANALYTICAL RESULTS

Client: Tetra Tech
Client Sample Number: D28P
Date of Sample Receipt: 1/3/92
Date of Sample Extraction: 1/15/92
Date of Sample Analysis: 1/27/92

Alden Job Number: 9201001/1
Alden Sample Number: 9358
Analysis Method: EPA 8080
Matrix: Tissue
Reporting Units: ug/kg

Compound Name	Reporting Limit	Result
Dacthal	25	< 25
Dicofal	250	< 250
Malathion	25	< 25
Methyl Parathion	25	< 25
Mirex	25	< 25
o,p DDE	25	< 25
o,p DDD	25	< 25
o,p DDT	25	< 25
Parathion	25	< 25

Surrogate	% Recovery	Advisory QC Limits
DBC	80	25 - 150

** Interfering coeluting peak present in Aroclor 1260.

SECTION C
METALS (TISSUE)

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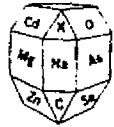
Customer Sample Number: D31 CF
Lab File ID: 1501TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	7.35	U
Barium	3.5	
Copper	151.96	
Nickel	1.72	U
Silver	2.21	
Zinc	102.9	
Arsenic	10.83	
Cadmium	0.34	
Lead	0.10	
Selenium	40.15	
Mercury	0.213	

Customer Sample Number: D35 CF
Lab File ID: 1501TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	6.61	U
Barium	3.7	
Copper	96.92	
Nickel	3.79	
Silver	2.25	
Zinc	101.3	
Arsenic	2.56	
Cadmium	0.09	
Lead	0.04	
Selenium	10.44	
Mercury	0.208	

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Customer Sample Number: D28 CF
Lab File ID: 1501TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	7.35	U
Barium	3.9	
Copper	132.35	
Nickel	1.72	U
Silver	2.16	
Zinc	98.0	
Arsenic	8.68	
Cadmium	0.34	
Lead	0.05	
Selenium	31.57	
Mercury	0.221	

Customer Sample Number: D6 CF
Lab File ID: 1506TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.00	U
Barium	5.8	
Copper	133.33	
Nickel	2.33	U
Silver	0.60	U
Zinc	93.3	
Arsenic	3.20	
Cadmium	0.27	
Lead	0.07	
Selenium	7.87	
Mercury	0.200	

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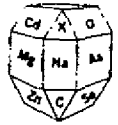
Customer Sample Number: D8 CF
Lab File ID: 1506TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	9.62	U
Barium	4.9	
Copper	102.56	
Nickel	2.24	U
Silver	3.91	
Zinc	89.7	
Arsenic	7.56	
Cadmium	0.26	
Lead	0.06	
Selenium	26.35	
Mercury	0.125	

Customer Sample Number: D10 CF
Lab File ID: 1506TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	9.93	U
Barium	5.2	
Copper	165.56	
Nickel	2.32	U
Silver	3.77	
Zinc	99.3	
Arsenic	5.70	
Cadmium	0.26	
Lead	0.07	
Selenium	15.89	
Mercury	0.050	U

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Customer Sample Number: D12 CF
Lab File ID: 1506TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.07	U
Barium	2.8	
Copper	73.83	
Nickel	2.35	U
Silver	3.02	
Zinc	87.2	
Arsenic	9.73	
Cadmium	0.20	
Lead	0.13	
Selenium	33.96	
Mercury	0.078	

Customer Sample Number: D15 CF
Lab File ID: 1506TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	9.43	U
Barium	2.3	
Copper	106.92	
Nickel	2.20	U
Silver	3.08	
Zinc	94.3	
Arsenic	7.92	
Cadmium	0.31	
Lead	0.06	
Selenium	27.11	
Mercury	0.085	

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Customer Sample Number: D16 CF
Lab File ID: 1506TTI006
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.00	U
Barium	2.4	
Copper	93.33	
Nickel	2.33	U
Silver	4.47	
Zinc	106.7	
Arsenic	2.67	
Cadmium	0.13	
Lead	0.07	U
Selenium	9.13	
Mercury	0.097	

Customer Sample Number: D19 CF
Lab File ID: 1506TTI007
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.07	U
Barium	4.5	
Copper	140.94	
Nickel	2.35	U
Silver	0.60	U
Zinc	107.4	
Arsenic	1.54	
Cadmium	0.27	
Lead	0.07	U
Selenium	6.11	
Mercury	0.135	

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Customer Sample Number: D20 CF
Lab File ID: 1506TTI008
Matrix: Tissue
Percent Solids (decimal): 1

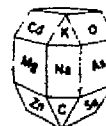
ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	15.00	U
Barium	13.0	
Copper	100.00	
Nickel	3.50	U
Silver	5.70	
Zinc	110.0	
Arsenic	0.90	
Cadmium	0.30	
Lead	0.10	U
Selenium	3.90	
Mercury	0.083	

Customer Sample Number: D29 CF
Lab File ID: 1506TTI009
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.00	U
Barium	4.1	
Copper	106.67	
Nickel	2.33	U
Silver	4.20	
Zinc	113.3	
Arsenic	1.33	
Cadmium	0.40	
Lead	0.07	U
Selenium	4.80	
Mercury	0.050	U

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Customer Sample Number: D38 CF
Lab File ID: 1506TTI010
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	15.00	U
Barium	5.8	
Copper	110.00	
Nickel	3.50	U
Silver	4.10	
Zinc	110.0	
Arsenic	23.30	
Cadmium	0.40	
Lead	0.10	
Selenium	99.20	
Mercury	0.067	

Customer Sample Number: D40 CF
Lab File ID: 1506TTI011
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	14.85	U
Barium	9.0	
Copper	128.71	
Nickel	3.47	U
Silver	5.94	
Zinc	148.5	
Arsenic	7.23	
Cadmium	0.50	
Lead	0.20	
Selenium	23.76	
Mercury	0.062	

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Customer Sample Number: ST-1-3
Lab File ID: 1506TTI012
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.1	U
Barium	0.3	U
Copper	3.00	U
Nickel	3.50	U
Silver	0.90	U
Zinc	21.0	
Arsenic	12.90	
Cadmium	0.10	U
Lead	0.10	
Selenium	8.30	
Mercury	0.169	

Customer Sample Number: ST-4-4
Lab File ID: 1506TTI013
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.50	U
Barium	0.8	U
Copper	3.00	U
Nickel	3.50	U
Silver	0.90	U
Zinc	17.0	
Arsenic	5.30	
Cadmium	0.10	U
Lead	0.10	
Selenium	7.90	
Mercury	0.096	

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Customer Sample Number: ST-4-3-D
Lab File ID: 1506TTI014
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.50	U
Barium	0.8	U
Copper	3.00	U
Nickel	3.50	U
Silver	0.90	U
Zinc	26.0	
Arsenic	12.30	
Cadmium	0.10	
Lead	0.20	
Selenium	21.40	
Mercury	0.205	

Customer Sample Number: D22 CF
Lab File ID: 1516TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.50	U
Barium	7.0	
Copper	78.00	
Nickel	3.50	U
Silver	2.10	
Zinc	95.0	
Arsenic	5.30	
Cadmium	0.20	
Lead	0.20	
Selenium	11.10	
Mercury	0.211	

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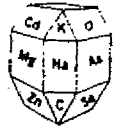
Customer Sample Number: D23 CF
Lab File ID: 1516TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.25	U
Barium	5.8	
Copper	100.00	
Nickel	2.92	U
Silver	1.50	
Zinc	80.8	
Arsenic	1.17	
Cadmium	0.25	
Lead	0.08	
Selenium	3.42	
Mercury	0.312	

Customer Sample Number: D24 CF
Lab File ID: 1516TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.36	U
Barium	5.9	
Copper	90.91	
Nickel	3.18	U
Silver	1.27	
Zinc	78.2	
Arsenic	4.00	
Cadmium	0.18	
Lead	0.09	
Selenium	6.73	
Mercury	0.157	

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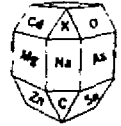
Customer Sample Number: D26 CF
Lab File ID: 1516TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	12.50	U
Barium	7.3	
Copper	108.33	
Nickel	2.92	U
Silver	4.33	
Zinc	80.8	
Arsenic	8.67	
Cadmium	0.50	
Lead	0.08	
Selenium	32.58	
Mercury	0.234	

Customer Sample Number: ST-1-2-D
Lab File ID: 1531TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.50	U
Barium	0.8	U
Copper	3.00	U
Nickel	3.50	U
Silver	0.90	U
Zinc	8.0	U
Arsenic	15.90	
Cadmium	0.10	U
Lead	0.10	
Selenium	21.20	
Mercury	0.203	

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Customer Sample Number: ST-2-1-D
Lab File ID: 1531TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	9.80	U
Barium	0.5	U
Copper	1.96	U
Nickel	2.29	U
Silver	1.05	
Zinc	10.5	
Arsenic	4.38	
Cadmium	0.07	U
Lead	0.07	
Selenium	4.12	
Mercury	0.310	

Customer Sample Number: ST-4-1-D
Lab File ID: 1531TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.00	U
Barium	0.5	U
Copper	2.00	U
Nickel	2.33	U
Silver	0.60	U
Zinc	16.0	
Arsenic	13.53	
Cadmium	0.07	U
Lead	0.07	
Selenium	12.93	
Mercury	0.255	

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Customer Sample Number: ST-4-2
Lab File ID: 1531TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	10.00	U
Barium	0.5	U
Copper	2.27	
Nickel	2.67	
Silver	0.60	U
Zinc	19.3	
Arsenic	27.53	
Cadmium	0.07	U
Lead	0.20	
Selenium	5.80	
Mercury	0.344	

Customer Sample Number: D35 Carp
Lab File ID: 1560TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.36	U
Barium	7.7	
Copper	4.91	
Nickel	4.18	
Silver	0.82	U
Zinc	390.9	
Arsenic	5.91	
Cadmium	0.27	
Lead	0.64	
Selenium	21.09	
Mercury	0.309	

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Customer Sample Number: D28 Carp
Lab File ID: 1560TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.36	U
Barium	10.9	
Copper	4.91	
Nickel	6.18	
Silver	0.82	U
Zinc	445.5	
Arsenic	1.18	
Cadmium	0.36	
Lead	0.73	
Selenium	4.91	
Mercury	0.300	

Customer Sample Number: D31 Carp
Lab File ID: 1560TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.00	U
Barium	4.5	
Copper	4.87	
Nickel	2.33	U
Silver	0.60	U
Zinc	333.3	
Arsenic	0.27	U
Cadmium	0.13	
Lead	0.07	
Selenium	0.67	
Mercury	0.487	

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Customer Sample Number: ST-1-5-D
Lab File ID: 1560TTI004
Matrix: Tissue
Percent Solids (decimal): .1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	0.99	U
Barium	0.5	U
Copper	2.25	
Nickel	2.32	U
Silver	0.60	U
Zinc	17.2	
Arsenic	4.44	
Cadmium	0.07	U
Lead	0.07	
Selenium	4.90	
Mercury	0.549	

Customer Sample Number: ST-2-4
Lab File ID: 1560TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.25	U
Barium	0.7	U
Copper	2.50	U
Nickel	2.92	U
Silver	0.75	U
Zinc	20.0	
Arsenic	30.50	
Cadmium	0.08	U
Lead	0.08	
Selenium	4.08	
Mercury	0.408	

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Customer Sample Number: D24 Carp
Lab File ID: 1639TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.50	U
Barium	10.0	
Copper	5.70	
Nickel	3.50	U
Silver	0.90	U
Zinc	340.0	
Arsenic	3.80	
Cadmium	0.10	
Lead	0.40	
Selenium	13.00	
Mercury	0.217	

Customer Sample Number: D26 Carp
Lab File ID: 1639TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.50	U
Barium	5.0	
Copper	5.70	
Nickel	3.50	U
Silver	0.90	U
Zinc	350.0	
Arsenic	4.30	
Cadmium	1.10	
Lead	0.40	
Selenium	10.80	
Mercury	0.519	

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Customer Sample Number: D40 Carp
Lab File ID: 1639TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.50	U
Barium	4.6	
Copper	5.20	
Nickel	3.50	U
Silver	0.90	U
Zinc	310.0	
Arsenic	1.50	
Cadmium	0.40	
Lead	0.80	
Selenium	3.00	
Mercury	0.357	

Customer Sample Number: D40 Sucker
Lab File ID: 1639TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.15	U
Barium	13.1	
Copper	2.69	
Nickel	2.69	U
Silver	0.69	U
Zinc	84.6	
Arsenic	9.46	
Cadmium	0.23	
Lead	0.62	
Selenium	30.54	
Mercury	0.467	

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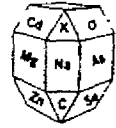
Customer Sample Number: D15 Sucker
Lab File ID: 1653TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.50	U
Barium	12.0	
Copper	3.80	
Nickel	3.50	U
Silver	0.90	U
Zinc	110.0	
Arsenic	2.10	
Cadmium	0.20	
Lead	0.40	
Selenium	1.60	
Mercury	0.251	

Customer Sample Number: D26 Sucker
Lab File ID: 1653TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.00	U
Barium	10.7	
Copper	3.00	
Nickel	2.33	U
Silver	0.60	U
Zinc	66.7	
Arsenic	2.40	
Cadmium	0.13	
Lead	0.13	
Selenium	7.67	
Mercury	0.489	

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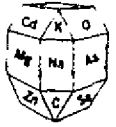
Customer Sample Number: D19 Sucker
Lab File ID: 1653TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.00	U
Barium	4.3	
Copper	3.53	
Nickel	2.33	U
Silver	0.60	U
Zinc	66.7	
Arsenic	0.27	U
Cadmium	0.07	
Lead	0.07	U
Selenium	0.67	U
Mercury	0.234	

Customer Sample Number: D35 Sucker
Lab File ID: 1653TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	0.99	U
Barium	5.6	
Copper	3.64	
Nickel	3.84	
Silver	0.60	U
Zinc	79.5	
Arsenic	0.26	U
Cadmium	0.13	
Lead	0.07	U
Selenium	0.66	U
Mercury	0.279	

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Customer Sample Number: D31 Sucker
Lab File ID: 1653TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	12.50	U
Barium	20.0	
Copper	2.58	
Nickel	2.92	U
Silver	0.75	U
Zinc	81.7	
Arsenic	0.33	
Cadmium	0.17	
Lead	0.08	U
Selenium	1.17	
Mercury	0.324	

Customer Sample Number: D23 Sucker
Lab File ID: 1653TTI006
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.25	U
Barium	14.2	
Copper	3.42	
Nickel	2.92	U
Silver	0.75	U
Zinc	82.5	
Arsenic	0.33	U
Cadmium	0.08	
Lead	0.08	U
Selenium	0.83	U
Mercury	0.547	

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Customer Sample Number: D29 Sucker
Lab File ID: 1653TTI007
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.36	U
Barium	11.8	
Copper	3.91	
Nickel	4.00	
Silver	0.82	U
Zinc	80.9	
Arsenic	6.45	
Cadmium	0.18	
Lead	0.91	
Selenium	16.55	
Mercury	0.081	

Customer Sample Number: D22 Sucker
Lab File ID: 1653TTI008
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.36	U
Barium	7.7	
Copper	4.91	
Nickel	4.18	
Silver	0.82	U
Zinc	390.9	
Arsenic	4.09	
Cadmium	0.09	
Lead	3.45	
Selenium	16.27	
Mercury	0.376	

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Customer Sample Number: D28 Sucker
Lab File ID: 1653TTI009
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.07	U
Barium	8.6	
Copper	3.86	
Nickel	4.86	
Silver	0.64	U
Zinc	350.0	
Arsenic	6.93	
Cadmium	0.14	
Lead	0.79	
Selenium	26.14	
Mercury	0.255	

Customer Sample Number: D24 Sucker
Lab File ID: 1668TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.33	U
Barium	9.7	
Copper	3.98	
Nickel	3.10	U
Silver	0.80	U
Zinc	76.1	
Arsenic	2.36	
Cadmium	0.18	
Lead	0.45	
Selenium	3.64	
Mercury	0.146	

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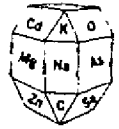
Customer Sample Number: D12 Sucker
Lab File ID: 1668TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.32	U
Barium	13.2	
Copper	4.91	
Nickel	3.07	U
Silver	0.79	U
Zinc	78.1	
Arsenic	5.42	
Cadmium	0.18	
Lead	0.67	
Selenium	16.67	
Mercury	0.294	

Customer Sample Number: D38 Sucker
Lab File ID: 1668TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.25	U
Barium	14.2	
Copper	3.00	
Nickel	2.92	U
Silver	0.75	U
Zinc	91.7	
Arsenic	21.04	
Cadmium	0.17	
Lead	1.65	
Selenium	71.65	
Mercury	0.202	

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Customer Sample Number: D6 Sucker
Lab File ID: 1668TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.01	U
Barium	10.1	
Copper	4.93	
Nickel	2.36	U
Silver	0.61	U
Zinc	87.8	
Arsenic	26.64	
Cadmium	0.14	
Lead	0.91	
Selenium	101.91	
Mercury	0.327	

Customer Sample Number: D20 Sucker
Lab File ID: 1668TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.33	U
Barium	10.6	
Copper	4.34	
Nickel	3.10	U
Silver	0.80	U
Zinc	97.3	
Arsenic	4.31	
Cadmium	0.18	
Lead	0.85	
Selenium	11.23	
Mercury	0.300	

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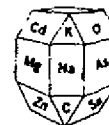
Customer Sample Number: D16 Sucker
Lab File ID: 1668TTI006
Matrix: Tissue
Percent Solids (decimal): .1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.19	U
Barium	4.3	
Copper	3.33	
Nickel	2.78	U
Silver	0.71	U
Zinc	66.7	
Arsenic	29.05	
Cadmium	0.08	
Lead	0.43	
Selenium	119.14	
Mercury	0.199	

Customer Sample Number: D10 Sucker
Lab File ID: 1668TTI007
Matrix: Tissue
Percent Solids (decimal): .1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.29	U
Barium	7.3	
Copper	4.31	
Nickel	3.02	U
Silver	0.78	U
Zinc	76.7	
Arsenic	8.30	
Cadmium	0.17	
Lead	0.80	
Selenium	12.70	
Mercury	0.433	

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Customer Sample Number: D8 Sucker
Lab File ID: 1668TTI008
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.40	U
Barium	10.3	
Copper	4.02	
Nickel	3.27	U
Silver	0.84	U
Zinc	83.2	
Arsenic	3.50	
Cadmium	0.09	
Lead	0.30	
Selenium	14.00	
Mercury	0.331	

Customer Sample Number: D21 Chub
Lab File ID: 1674TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.15	U
Barium	6.3	
Copper	5.31	
Nickel	2.69	U
Silver	0.69	U
Zinc	92.3	
Arsenic	6.30	
Cadmium	0.08	
Lead	0.25	
Selenium	19.41	
Mercury	0.305	

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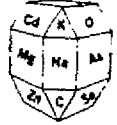
Customer Sample Number: D19 Chub
Lab File ID: 1674TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.00	U
Barium	8.0	
Copper	3.87	
Nickel	2.33	U
Silver	0.60	U
Zinc	73.3	
Arsenic	18.67	
Cadmium	0.07	
Lead	0.33	
Selenium	62.08	
Mercury	0.303	

Customer Sample Number: D12 Chub
Lab File ID: 1674TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.14	U
Barium	9.1	
Copper	4.39	
Nickel	2.65	U
Silver	0.68	U
Zinc	106.1	
Arsenic	6.07	
Cadmium	0.15	
Lead	0.36	
Selenium	14.91	
Mercury	0.330	

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Customer Sample Number: D23 Chub
Lab File ID: 1674TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.04	U
Barium	6.0	
Copper	3.54	
Nickel	2.43	U
Silver	0.63	U
Zinc	97.2	
Arsenic	7.50	
Cadmium	0.07	
Lead	0.22	
Selenium	18.90	
Mercury	0.285	

Customer Sample Number: D10 Chub
Lab File ID: 1674TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.21	U
Barium	8.1	
Copper	5.97	
Nickel	2.82	U
Silver	0.73	U
Zinc	96.8	
Arsenic	6.88	
Cadmium	0.24	
Lead	0.32	
Selenium	21.60	
Mercury	0.435	

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Customer Sample Number: D24 Chub
Lab File ID: 1674TTI006
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.18	U
Barium	10.2	
Copper	27.56	
Nickel	11.02	
Silver	0.71	U
Zinc	94.5	
Arsenic	10.91	
Cadmium	0.16	
Lead	1.09	
Selenium	37.09	
Mercury	0.683	

Customer Sample Number: D28 Chub
Lab File ID: 1674TTI007
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.09	U
Barium	10.9	
Copper	7.10	
Nickel	2.54	U
Silver	0.65	U
Zinc	108.7	
Arsenic	8.23	
Cadmium	0.14	
Lead	0.18	
Selenium	28.31	
Mercury	0.257	

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Customer Sample Number: D16 Chub
Lab File ID: 1674TTI008
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.12	U
Barium	7.2	
Copper	2.91	
Nickel	2.61	U
Silver	0.67	U
Zinc	74.6	
Arsenic	5.91	
Cadmium	0.07	
Lead	0.18	
Selenium	20.91	
Mercury	0.457	

Customer Sample Number: D3 Chub
Lab File ID: 1674TTI009
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.12	U
Barium	7.5	
Copper	5.00	
Nickel	2.61	U
Silver	0.67	U
Zinc	74.6	
Arsenic	12.76	
Cadmium	0.07	
Lead	0.36	
Selenium	40.88	
Mercury	0.719	

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Customer Sample Number: ST-3-3-D
Lab File ID: 1585TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.36	U
Barium	0.7	U
Copper	2.73	U
Nickel	3.18	U
Silver	0.82	U
Zinc	15.5	
Arsenic	6.91	
Cadmium	0.09	U
Lead	0.27	
Selenium	5.45	
Mercury	0.377	

Customer Sample Number: ST-3-6
Lab File ID: 1585TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION mg/Kg (ppm)	Q
Antimony	1.25	U
Barium	0.7	U
Copper	2.50	U
Nickel	2.92	U
Silver	0.75	U
Zinc	15.8	
Arsenic	7.00	
Cadmium	0.08	U
Lead	0.08	
Selenium	6.83	
Mercury	0.507	

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Customer Sample Number: ST-2-3
Lab File ID: 1585TTI003
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.50	U
Barium	0.8	U
Copper	3.00	U
Nickel	3.50	U
Silver	0.90	U
Zinc	18.0	
Arsenic	48.20	
Cadmium	0.10	U
Lead	0.10	
Selenium	12.00	
Mercury	0.276	

Customer Sample Number: ST-3-1-D
Lab File ID: 1585TTI004
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.25	U
Barium	0.7	U
Copper	2.50	U
Nickel	2.92	U
Silver	0.75	U
Zinc	21.7	
Arsenic	3.17	
Cadmium	0.17	
Lead	4.67	
Selenium	2.42	
Mercury	1.445	

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Customer Sample Number: ST-2-2-D
Lab File ID: 1585TTI005
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.25	U
Barium	0.7	U
Copper	2.50	U
Nickel	2.92	U
Silver	0.75	U
Zinc	25.8	
Arsenic	70.17	
Cadmium	0.08	U
Lead	0.08	
Selenium	5.50	
Mercury	0.447	

Customer Sample Number: D38 Carp
Lab File ID: 1585TTI007
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.30	U
Barium	12.2	
Copper	6.00	
Nickel	61.74	
Silver	0.78	U
Zinc	391.3	
Arsenic	10.78	
Cadmium	1.04	
Lead	0.78	
Selenium	37.83	
Mercury	0.462	

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Customer Sample Number: D29 Carp
Lab File ID: 1585TTI008
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.36	U
Barium	10.9	
Copper	4.45	
Nickel	3.18	U
Silver	0.82	U
Zinc	290.9	
Arsenic	3.82	
Cadmium	0.36	
Lead	0.27	
Selenium	14.64	
Mercury	0.269	

Customer Sample Number: ST-1-4
Lab File ID: 1590TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.36	U
Barium	0.7	U
Copper	2.73	U
Nickel	3.18	U
Silver	0.82	U
Zinc	20.9	
Arsenic	29.82	
Cadmium	0.09	U
Lead	0.27	
Selenium	4.82	
Mercury	0.050	U

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Customer Sample Number: ST-3-4
Lab File ID: 1590TTI002
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	1.36	U
Barium	0.7	U
Copper	2.73	U
Nickel	3.18	U
Silver	0.82	U
Zinc	15.5	
Arsenic	11.55	
Cadmium	0.09	U
Lead	0.09	
Selenium	5.45	
Mercury	0.050	U

Customer Sample Number: D15 Chub
Lab File ID: 1726TTI001
Matrix: Tissue
Percent Solids (decimal): 1

ANALYTE	CONCENTRATION	Q
	mg/Kg (ppm)	
Antimony	Not Completed	U
Barium	Not Completed	U
Copper	Not Completed	U
Nickel	Not Completed	U
Silver	Not Completed	U
Zinc	Not Completed	U
Arsenic	20.85	
Cadmium	0.25	
Lead	4.49	
Selenium	84.27	
Mercury	0.180	