

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED SEMI-VOLATILE COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Lynnhaven Sand

Contractor: MAES  
Sample No.: 41280

Dates:

Collected: 10/07/92  
Received: 10/08/92

Extracted: 10/13/92  
Analyzed: 10/29/92

Method: EPA 8270  
Analyst: RJM

Instrument: INCOS 50  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.04

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 22.39$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
106-46-7	1,4-Dichlorobenzene	102	J,B	241

N/A - not applicable

J - Compound detected below the calculated method detection limit.

B - Compound detected in blank

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED SEMI-VOLATILE COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Poropatank

Contractor: MAES  
Sample No.: 41417

Dates:

Collected: 10/14/92  
Received: 10/15/92

Extracted: 10/20/92  
Analyzed: 10/29/92

Method: EPA 8270  
Analyst: RJM

Instrument: INCOS 50  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.05

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 69.16$

---

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
---------	----------	-----------------------------------	-----	--

---

None detected

---

N/A - not applicable

J - Compound detected below the calculated method detection limit.

B - Compound detected in blank

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Manor House

Contractor: MAES  
Sample No.: 41273

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.18

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 57.58$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
50-29-3	4,4'-DDT	27.7	U	3.83
1031-07-8	Endosulfan Sulfate	9.03	B,U	0.66

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Quarter Creek

Contractor: MAES  
Sample No.: 41274

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.46

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 57.91$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
1031-07-8	Endosulfan Sulfate	23.2	B,U	0.66

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Frog Mortar

Contractor: MAES  
Sample No.: 41275

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.15

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 49.01$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
72-55-9	4,4'-DDE	1.65	C	0.594
1031-07-8	Endosulfan Sulfate	4.91	B,U	0.66

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Wilson Point

Contractor: MAES  
Sample No.: 41276

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.07

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 40.78$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
959-98-8	Endosulfan I	10.7	U	0.99
1031-07-8	Endosulfan Sulfate	4.91	B,U	0.66

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Bivalve

Contractor: MAES  
Sample No.: 41277

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.61

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 41.60$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
309-00-2	Aldrin	5.04	C	0.66
959-98-8	Endosulfan I	8.49	U	0.99
1031-07-8	Endosulfan Sulfate	3.13	B,U	0.66

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Sandy Hill Beach

Contractor: MAES  
Sample No.: 41278

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.11

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 61.54$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
76-44-8	Heptachlor	0.465	J,U	0.924
959-98-8	Endosulfan I	12.2	U	0.990
1031-07-8	Endosulfan Sulfate	3.30	B,U	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis



**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Manor House

Contractor: MAES  
Sample No.: 41273

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.18

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 57.58$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
50-29-3	4,4-DDT	27.7	U	3.83
1031-07-8	Endosulfan Sulfate	9.03	B,U	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics Contractor: MAES  
Project ID: Ambient Toxicity Sample No.: 41274  
Sample ID: Quarter Creek

Dates:

Collected: 10/07/92 Extracted: 10/14/92  
Received: 10/12/92 Analyzed: 10/23/92

Method: Modified 3550/8080/8140 Instrument: PE Autosystem  
Analyst: SGM Data Released By: T.L. Price Jr

Matrix: Sediment Units:  $\mu\text{g/Kg dry}$   
Sample w/v: 30.46 % Moisture:  $\approx 57.91$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
1031-07-8	Endosulfan Sulfate	23.2	B,U	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Lynnhaven Mud

Contractor: MAES  
Sample No.: 41279

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.01

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 52.10$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
391-85-7	beta-BHC	5.57	C	0.627
309-00-2	Aldrin	5.60	U	0.660
1031-07-8	Endosulfan Sulfate	2.71	B,U	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Lynnhaven Sand

Contractor: MAES  
Sample No.: 41280

Dates:

Collected: 10/07/92  
Received: 10/12/92

Extracted: 10/14/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.02

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 22.39$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
309-00-2	Aldrin	4.44	U	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Poropatank

Contractor: MAES  
Sample No.: 41417

Dates:

Collected: 10/14/92  
Received: 10/19/92

Extracted: 10/21/92  
Analyzed: 10/23/92

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.04

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 69.16$

CAS No.	Compound ( $\mu\text{g/Kg dry}$ )	Conc.	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
391-86-8	delta-BHC	8.35	U	0.693
1024-57-3	Heptachlor Epoxide	2.26	C	0.627

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Wilson Point

Contractor: MAES  
Sample No.: 42321

Dates:

Collected: 04/15/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.03

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 43.70$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
58-89-9	Lindane	0.00414	J,C	1.19
72-55-9	4,4'-DDE	0.0473	J,C	0.594
72-54-8	4,4'-DDD	0.375	J,U	0.528
1031-07-8	Endosulfan Sulfate	0.129	J,U	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Frog Mortar

Contractor: MAES  
Sample No.: 42322

Dates:

Collected: 04/15/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.02

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 54.00$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
72-55-9	4,4'-DDE	0.0434	J,C	0.594
72-54-8	4,4'-DDD	0.0366	J,U	0.528
1031-07-8	Endosulfan Sulfate	0.124	J,U	0.660
72-43-5	Methoxychlor	0.0525	J,U	50.0

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Quarter Creek

Contractor: MAES  
Sample No.: 42323

Dates:

Collected: 04/15/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.06

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 43.90$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
72-55-9	4,4'-DDE	0.0434	J,C	0.594
33213-65-9	Endosulfan II	0.0125	J,U	0.825
1031-07-8	Endosulfan Sulfate	0.0641	J,C	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis



**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Manor House

Contractor: MAES  
Sample No.: 42324

Dates:

Collected: 04/15/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.04

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 57.70$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
391-84-6	alpha-BHC	0.00658	J,U	0.0792
1024-57-3	Heptachlor Epoxide	0.0186	J,U	0.627
1031-07-8	Endosulfan Sulfate	0.0711	J,C	0.660
53494-70-5	Endrin Kepone	0.0131	B,J,U	0.825

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Sandy Hill Beach

Contractor: MAES  
Sample No.: 42325

Dates:

Collected: 04/15/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.10

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 63.00$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
72-54-8	4,4'-DDD	0.0126	J,U	0.528
1031-07-8	Endosulfan Sulfate	0.0561	J,C	0.660
72-43-5	Methoxychlor	0.0269	J,C	50.0

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Bivalve

Contractor: MAES  
Sample No.: 42326

Dates:

Collected: 04/15/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.05

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 35.20$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
1031-07-8	Endosulfan Sulfate	0.0895	J,C	0.660

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Poropatank

Contractor: MAES  
Sample No.: 42327

Dates:

Collected: 04/08/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.19

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 59.30$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
1031-07-8	Endosulfan Sulfate	0.0683	J,C	0.660
53494-70-5	Endrin Kepone	0.00203	J,C	0.825

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Lynnhaven Mud

Contractor: MAES  
Sample No.: 42328

Dates:

Collected: 04/12/93  
Received: 04/16/93

Extracted: 04/26/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.06

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 53.30$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
72-55-9	4,4'-DDE	0.00200	J,U	0.594
53494-70-5	Endrin Kepone	0.00582	J,U,B	0.825

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis

**AMRL  
ORGANIC ANALYSIS DATA SHEET  
IDENTIFIED PESTICIDE/PCB COMPOUNDS**

Laboratory: Organics  
Project ID: Ambient Toxicity  
Sample ID: Lynnhaven Sand

Contractor: MAES  
Sample No.: 42329

Dates:

Collected: 04/09/93  
Received: 04/16/93

Extracted: 04/23/93  
Analyzed: 05/24/93

Method: Modified 3550/8080/8140  
Analyst: SGM

Instrument: PE Autosystem  
Data Released By: T.L. Price Jr

Matrix: Sediment  
Sample w/v: 30.12

Units:  $\mu\text{g/Kg dry}$   
% Moisture:  $\approx 19.10$

CAS No.	Compound	Conc. ( $\mu\text{g/Kg dry}$ )	Tag	Detection Limit ( $\mu\text{g/Kg dry}$ )
58-89-9	Lindane	0.00645	J,C	1.19
33213-65-9	Endosulfan II	0.00826	J,U	0.825

- U - Compound not confirmed by secondary GC analysis
- C - Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS confirmation.
- M - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but failed GC/MS confirmation.
- P - Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- B - Retention time match to component in QC blank primary GC column analysis