AMRL ORGANIC ANALYSIS DATA SHEET IDENTIFIED SEMI-VOLATILE COMPOUNDS

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Lynnhaven Sand		Contractor: Sample No.:	MAES 41280	
<u>Dates</u> :					
Collected: Received:	10/07/92 10/08/92		Extracted: Analyzed:	10/13/92 10/29/92	2)
Method: Analyst:	EPA 8270 RJM		Instrument: Data Released	INCOS 50 By: T.L. Price Jr	
Matrix: Sample w/v:	Sediment 30.04	0	Units: % Moisture:	µg/Kg dry ≈22.39	
CAS No.	Compound	Conc. (µg/Kg dry)	Tag	Detection Limit (μg/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

Contractor:

MAES

Project ID: Sample ID: **Ambient Toxicity**

Sample No.:

41417

Poropatank

Dates:

Collected: Received:

10/14/92

10/15/92

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

Method:

EPA 8270

Instrument:

INCOS 50

Analyst:

RJM

Data Released By: T.L. Price Jr

Matrix:

Sediment

Units:

μg/Kg dry

Sample w/v:

30.05

% Moisture:

≈69.16

CAS No.

Compound

Conc.

Tag

Detection

Limit

(µg/Kg dry)

(µg/Kg dry)

None detected

N/A - not applicable

J - Compound detected below the calculated method detection limit.

B - Compound detected in blank

Laboratory:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity

Sample No.:

41273

Sample ID:

Manor House

Dates:

Collected:

10/07/92

10/14/92

Received:

10/12/92

Extracted: Analyzed:

10/23/92

Method:

Modified 3550/8080/8140

Instrument:

PE Autosystem

Analyst:

SGM

Data Released By: T.L. Price Jr

Units:

μg/Kg dry

Matrix: Sample w/v: Sediment 30.18

% Moisture:

≈57.58

CAS No.	Compound	Conc. (µg/Kg dry)	Tag	Detection Limit (µg/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.

В - Retention time match to component in QC blank primary GC column analysis

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Quarter Creek		Contractor: Sample No.:	MAES 41274	
<u>Dates</u> :				ĸ	
Collected: Received:	10/07/92 10/12/92		Extracted: Analyzed:	10/14/92 10/23/92	
Method: Analyst:	Modified 3550/8080/81 SGM	40	Instrument: Data Released	PE Autosystem By: T.L. Price Jr	
Matrix: Sample w/v:	Sediment 30.46		Units: % Moisture:	μg/Kg dry ≈57.91	
CAS No.	Compound	Conc. (μg/Kg dry)	Tag	Detection Limit (μg/Kg dry)	
1031-07-8	Endosulfan Sulfate	23.2	B,U	0.66	-27

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

Laboratory:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity

Sample No.:

41275

Sample ID:

Frog Mortar

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

Units:

μg/Kg dry

Matrix: Sample w/v:

30.15

Sediment

% Moisture:

≈49.01

CAS No.	Compound (μg/Kg dry)	Conc.	Tag	Detection Limit (µg/Kg dry)	14
72-55-9	4,4'-DDE	1.65	С	0.594	
1031-07-8	Endosulfan Sulfate	4.91	B,U	0.66	

U - Compound not confirmed by secondary GC analysis

С - 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.

В - Retention time match to component in QC blank primary GC column analysis

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Wilson Point		Contractor: Sample No.:	MAES 41276	
Dates:					
Collected: Received:	10/07/92 10/12/92		Extracted: Analyzed:	10/14/92 10/23/92	*
Method: Analyst:	Modified 3550/8080/8 SGM	140	Instrument: Data Released	PE Autosystem By: T.L. Price Jr	
Matrix: Sample w/v:	Sediment 30.07		Units: % Moisture:	μg/Kg dry ≈40.78	
CAS No.	Compound (μg/Kg dry)	Conc.	Tag	Detection Limit (µg/Kg dry)	
959-98-8 1031-07-8	Endosulfan I Endosulfan Sulfate	10.7 4.91	U B,U	0.99 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

Laboratory:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity

Sample No.:

41277

Sample ID:

Bivalve

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: Sample w/v: Sediment

Units:

μg/Kg dry

30.61

% Moisture:

≈41.60

CAS No.	Compound (µg/Kg dry)	Conc.	Tag	Detection Limit (μg/Kg dry)	
309-00-2	Aldrin	5.04	С	0.66	
59-98-8	Endosulfan I	8.49	U	0.99	
	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.

⁻ Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.

⁻ Compound detected below calculated method detection limit. J

В - Retention time match to component in QC blank primary GC column analysis

Laboratory:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity

Sample No.:

41278

Sample ID:

Sandy Hill Beach

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:

μg/Kg dry

Sample w/v:

30.11

% Moisture:

≈61.54

CAS No.	Compound (µg/Kg dry)	Conc.	Tag	Detection Limit (μg/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.

В - Retention time match to component in QC blank primary GC column analysis

Laboratory:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity

Sample No.:

41273

Sample ID:

Manor House

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: Sample w/v: Sediment 30.18

Units:

μg/Kg dry ≈57.58

% Moisture:

CAS No.	Compound (μg/Kg dry)	Conc.	Tag	Detection Limit (μg/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

С - 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.

⁻ Compound detected below calculated method detection limit. J

⁻ Retention time match to component in QC blank primary GC column analysis В

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Quarter Creek		Contractor: Sample No.:	MAES 41274	
<u>Dates</u> :					
Collected: Received:	10/07/92 10/12/92		Extracted: Analyzed:	10/14/92 10/23/92	u.
Method: Analyst:	Modified 3550/8080/8 SGM	140	Instrument: Data Released	PE Autosystem By: T.L. Price Jr	
Matrix: Sample w/v:	Sediment 30.46		Units: % Moisture:	μg/Kg dry ≈57.91	a
CAS No.	Compound (μg/Kg dry)	Conc.	Tag	Detection Limit (μg/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

Laboratory:

Organics

Contractor:

MAES

Project ID: Sample ID: **Ambient Toxicity** Lynnhaven Mud

Sample No.:

41279

Dates:

Collected: Received:

10/07/92

Extracted:

10/14/92

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: Sample w/v:

Sediment

Units:

μg/Kg dry

30.01

% Moisture:

≈52.10

CAS No.	Compound (µg/Kg dry)	Conc.	Tag	Detection Limit (μg/Kg dry)	
391-85-7	beta-BHC	5.57	С	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.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but M failed GC/MS confirmation.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- В - Retention time match to component in QC blank primary GC column analysis

Laboratory: Sample ID:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity Lynnhaven Sand

Sample No.:

41280

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:

μg/Kg dry

Sample w/v:

30.02

% Moisture:

≈22.39

CAS No.

Compound (μg/Kg dry)

Conc.

Tag

Detection Limit (μg/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.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but M failed GC/MS confirmation.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- В - Retention time match to component in QC blank primary GC column analysis

Laboratory:

Organics

Ambient Toxicity

Contractor: Sample No.: **MAES** 41417

Project ID: Sample ID:

Poropatank

Dates:

Collected: Received:

10/14/92 10/19/92 Extracted: Analyzed:

10/21/92 10/23/92

Method:

Modified 3550/8080/8140

Instrument:

PE Autosystem

Analyst:

SGM

Data Released By: T.L. Price Jr

Matrix: Sample w/v: Sediment 30.04

Units: % Moisture: μg/Kg dry ≈69.16

CAS No.	Compound (μg/Kg dry)	Conc.	Tag	Detection Limit (μg/Kg dry)	
391-86-8	delta-BHC	8.35	U	0.693	
1024-57-3	Heptachlor Epoxide	2.26	С	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.

⁻ Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.

J - Compound detected below calculated method detection limit.

В - Retention time match to component in QC blank primary GC column analysis

Laboratory:

Organics

Contractor:

MAES

Project ID: Sample ID: Ambient Toxicity
Wilson Point

Sample No.: 42321

Dates:

Collected: Received:

04/15/93

04/15/93

Extracted: Analyzed:

04/26/93 05/24/93

Method:

Modified 3550/8080/8140

Instrument:

PE Autosystem

Analyst:

SGM

instrument

Data Released By: T.L. Price Jr

Matrix:

Sediment

Units:

μg/Kg dry

Sample w/v: 3

30.03

% Moisture:

≈43.70

CAS No.	Compound	Conc. (μg/Kg dry)	Tag	Detection Limit (μg/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

Laboratory:

Organics

Contractor:

MAES

Project ID: Sample ID: **Ambient Toxicity** Frog Mortar

Sample No.:

42322

Dates:

Collected:

04/15/93

Extracted:

04/26/93

Received:

04/16/93

Analyzed:

05/24/93

Method:

Modified 3550/8080/8140

Instrument:

PE Autosystem

Analyst:

Data Released By: T.L. Price Jr

SGM

Units:

μg/Kg dry

Matrix: Sample w/v: Sediment 30.02

% Moisture:

≈54.00

CAS No.	Compound	Conc. (µg/Kg dry)	Tag	Detection Limit (µg/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.

⁻ Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and Ρ GC/MS confirmed presence.

J - Compound detected below calculated method detection limit.

В - Retention time match to component in QC blank primary GC column analysis

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Quarter Creek		Contractor: Sample No.:	MAES 42323	
<u>Dates</u> :					
Collected: Received:	04/15/93 04/16/93		Extracted: Analyzed:	04/26/93 05/24/93	
Method: Analyst:	Modified 3550/8080/8140 SGM		Instrument: PE Autosystem Data Released By: T.L. Price Jr		
Matrix: Sample w/v:	Sediment 30.06		Units: % Moisture:	μg/Kg dry ≈43.90	
CAS No.	Compound	Conc. (μg/Kg dry)	Tag	Detection Limit (μg/Kg dry)	
72-55-9 33213-65-9	4,4'-DDE Endosulfan II	0.0434 0.0125	J,C J,U	0.594 0.825	

- Compound not confirmed by secondary GC analysis

Endosulfan Sulfate

1031-07-8

- Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS C confirmation.

0.0641

- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but M failed GC/MS confirmation.

J,C

0.660

- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.
- Compound detected below calculated method detection limit. J
- В - Retention time match to component in QC blank primary GC column analysis

Sample ID:

Laboratory:

Project ID:

Organics

Ambient Toxicity Manor House

Contractor:

MAES

Sample No.:

42324

Dates:

Collected: Received:

04/15/93

04/16/93

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

Method:

Modified 3550/8080/8140

Instrument:

PE Autosystem

Analyst:

SGM

Data Released By: T.L. Price Jr

Matrix: Sample w/v:

Sediment

Units:

μg/Kg dry

30.04

% Moisture:

≈57.70

CAS No.	Compound	Conc. (μg/Kg dry)	Tag	Detection Limit (μg/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.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but M failed GC/MS confirmation.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.
- J - Compound detected below calculated method detection limit.
- В - Retention time match to component in QC blank primary GC column analysis

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Sandy Hill Beach		Contractor: Sample No.:	MAES 42325	
Dates:					
Collected: Received:	04/15/93 04/16/93		Extracted: Analyzed:	04/26/93 05/24/93	
Method: Analyst:	Modified 3550/8080/8 SGM	140	Instrument: Data Released	PE Autosystem By: T.L. Price Jr	
Matrix: Sample w/v:	Sediment 30.10		Units: % Moisture:	µg/Kg dry ≈63.00	
CAS No.	Compound	Conc. (µg/Kg dry)	Tag	Detection Limit (μg/Kg dry)	
72-54-8 1031-07-8 72-43-5	4,4'-DDD Endosulfan Sulfate Methoxychlor	0.0126 0.0561 0.0269	J,U J,C J,C	0.528 0.660 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

Laboratory:

Organics

Contractor:

MAES

Project ID:

Ambient Toxicity

Sample No.:

42326

Sample ID:

Bivalve

Dates:

Collected:

04/15/93

Extracted:

04/26/93

Received:

04/16/93

Analyzed:

05/24/93

Method:

Modified 3550/8080/8140

Instrument:

PE Autosystem

Analyst:

SGM

Data Released By: T.L. Price Jr

Matrix: Sample w/v: Sediment 30.05

Units:

μg/Kg dry

% Moisture:

≈35.20

CAS No.

Compound

Conc.

 $(\mu g/Kg dry)$

Tag

Detection

Limit

(µg/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.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but M failed GC/MS confirmation.
- Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.
- Compound detected below calculated method detection limit. J
- В - Retention time match to component in QC blank primary GC column analysis

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Poropatank		Contractor: Sample No.:	MAES 42327	
Dates:	27				
Collected: Received:	04/08/93 04/16/93		Extracted: Analyzed:	04/26/93 05/24/93	*
Method: Analyst:	Modified 3550/8080/8140 SGM		Instrument: Data Released		
Matrix: Sample w/v:	Sediment 30.19	12	Units: % Moisture:	μg/Kg dry ≈59.30	
<u> </u>				Detection	
CAS No.	Compound	Conc. (µg/Kg dry)	Tag	Limit (µg/Kg dry)	3
1031-07-8 53494-70-5	Endosulfan Sulfate Endrin Kepone	0.0683 0.00203	J,C J,C	0.660 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

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Lynnhaven Mud	Contractor: Sample No.:	MAES 42328
Dates:	ria"		
Collected: Received:	04/12/93 04/16/93	Extracted: Analyzed:	04/26/93 05/24/93
Method: Analyst:	Modified 3550/8080/8140 SGM	Instrument: Data Released	PE Autosystem By: T.L. Price Jr
Matrix:	Sediment	Units:	μg/Kg dry

CAS No.	Compound	Conc. (µg/Kg dry)	Tag	Detection Limit (µg/Kg dry)	
72-55-9	4,4'-DDE	0.00200	J,U	0.594	1-1
53494-70-5	Endrin Kepone	0.00582	J,U,B	0.825	

% Moisture:

≈53.30

Sample w/v:

30.06

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

Laboratory: Project ID: Sample ID:	Organics Ambient Toxicity Lynnhaven Sand		Contractor: Sample No.:	MAES 42329	
<u>Dates</u> :					
Collected: Received:	04/09/93 04/16/93		Extracted: Analyzed:	04/23/93 05/24/93	G
Method: Analyst:	Modified 3550/8080/8140 SGM		Instrument: PE Autosystem Data Released By: T.L. Price Jr		
Matrix: Sample w/v:	Sediment 30.12		Units: % Moisture:	μg/Kg dry ≈ 19.10	
CAS No.	Compound	Conc. (μg/Kg dry)	Tag	Detection Limit (μg/Kg dry)	
58-89-9 33213-65-9	Lindane Endosulfan II	0.00645 0.00826	J,C J,U	1.19 0.825	

U - Compound not confirmed by secondary GC analysis 0.825

J - Compound detected below calculated method detection limit.

⁻ Compound confirmed by secondary GC column analysis, but concentration not sufficient for GC/MS C confirmation.

⁻ Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, but M failed GC/MS confirmation.

⁻ Compound confirmed by secondary GC column analysis, concentration sufficient for GC/MS analysis, and P GC/MS confirmed presence.

⁻ Retention time match to component in QC blank primary GC column analysis