

Jun. 4. 2002 1:38PM

No.9787 P. 36/72

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SW-CORNER-01

Lab Name: Chemtech Consulting Group

Contract: Ground Zero

Lab Code: BSC

Case No.:

SAS No.: P2820

SDG No.: P2820-01

Matrix (soil/water): SOIL

Lab Sample ID: P2820-01

Sample wt/vol: 30 (g/mL) g

Lab File ID: 1LP06269.D

% Moisture: 12 Decanted: (Y/N) N

Date Received: 5/30/02

Extraction: (Type) SONC

Date Extracted: 5/31/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 6/3/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.13

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC		1.9	U
319-85-7	beta-BHC		1.9	U
319-86-8	delta-BHC		1.9	U
58-89-9	gamma-BHC (Lindane)		1.9	U
76-44-8	Heptachlor		1.9	U
309-00-2	Aldrin		1.9	U
1024-57-3	Heptachlor epoxide		1.9	U
959-98-8	Endosulfan I		1.9	U
60-57-1	Dieldrin		3.7	U
72-55-9	4,4'-DDE		3.7	U
72-20-8	Endrin		3.7	U
33213-65-9	Endosulfan II		3.7	U
72-54-8	4,4'-DDD		3.7	U
1031-07-8	Endosulfan sulfate		3.7	U
50-29-3	4,4'-DDT		3.7	U
72-43-5	Methoxychlor		19	U
53494-70-5	Endrin ketone		3.7	U
7421-93-4	Endrin aldehyde		3.7	U
5103-71-9	alpha-Chlordane		1.9	U
5103-74-2	gamma-Chlordane		1.9	U
8001-35-2	Toxaphene		190	U
12674-11-2	Aroclor-1016		37	U
11104-28-2	Aroclor-1221		75	U
11141-16-5	Aroclor-1232		37	U
53469-21-9	Aroclor-1242		37	U
12672-29-6	Aroclor-1248		37	U
11097-69-1	Aroclor-1254		37	U
11096-82-5	Aroclor-1260		37	U

PRELIMINARY RESULTS
 Subject to change upon further
 data quality review

FORM I PEST

OLM04.2

CITY_21MC100_003037562

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

SE-CORNER-02

Lab Name: Chemtech Consulting Group

Contract: Ground Zero

Lab Code: RSC

Case No.:

SAS No.: P2820

SDG No.: P2820-01

Matrix (soil/water): SOIL

Lab Sample ID: P2820-02

Sample wt/vol: 30 (g/mL) g

Lab File ID: 1LP06270.D

% Moisture: 19 Decanted: (Y/N) N

Date Received: 5/30/02

Extraction: (Type) SONC

Date Extracted: 5/31/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 6/3/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.85

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC		2.1	U
319-85-7	beta-BHC		2.1	U
319-86-8	delta-BHC		2.1	U
58-89-9	gamma-BHC (Lindane)		2.1	U
76-44-8	Heptachlor		2.1	U
309-00-2	Aldrin		2.1	U
1024-57-3	Heptachlor epoxide		2.1	U
959-98-8	Endosulfan I		2.1	U
60-57-1	Dieldrin		4.1	U
72-55-9	4,4'-DDE		4.7	
72-20-8	Endrin		4.1	U
33213-65-9	Endosulfan II		4.1	U
72-54-8	4,4'-DDD		4.1	J
1031-07-8	Endosulfan sulfate		4.1	U
50-29-3	4,4'-DDT		4.1	U
72-43-5	Methoxychlor		21	U
53494-70-5	Endrin ketone		4.1	U
7421-93-4	Endrin aldehyde		4.1	U
5103-71-9	alpha-Chlordane		2.1	U
5103-74-2	gamma-Chlordane		2.1	U
8001-35-2	Toxaphene		210	U
12674-11-2	Aroclor-1016		41	U
11104-28-2	Aroclor-1221		82	U
11141-16-5	Aroclor-1232		41	U
53469-21-9	Aroclor-1242		41	U
12672-29-6	Aroclor-1248		41	U
11097-69-1	Aroclor-1254		41	U
11096-82-5	Aroclor-1260		41	U

PRELIMINARY RESULTS
Subject to change upon further
data quality review

FORM I PEST

OLM04.2

CITY_21MC100_003037563

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NW-CORNER-03

Lab Name: Chemtech Consulting Group

Contract: Ground Zero

Lab Code: BSC

Case No.:

SAS No.: P2820

SDG No.: P2820-01

Matrix (soil/water): SOIL

Lab Sample ID: P2820-03

Sample wt/vol: 30 (g/mL) g

Lab File ID: 1LP06271.D

% Moisture: 15 Decanted: (Y/N) N

Date Received: 5/30/02

Extraction: (Type) SONC

Date Extracted: 5/31/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 6/3/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.64

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC	2.0	U	
319-85-7	beta-BHC	2.0	U	
319-86-8	delta-BHC	2.0	U	
58-89-9	gamma-BHC (Lindane)	2.0	U	
76-44-8	Heptachlor	2.0	U	
309-00-2	Aldrin	2.0	U	
1024-57-3	Heptachlor epoxide	2.0	U	
959-98-8	Endosulfan I	2.0	U	
60-57-1	Dieldrin	3.8	U	
72-55-9	4,4'-DDE	3.8	U	
72-20-8	Endrin	3.8	U	
33213-65-9	Endosulfan II	3.8	U	
72-54-8	4,4'-DDD	5.0		
1031-07-8	Endosulfan sulfate	3.8	U	
50-29-3	4,4'-DDT	3.8	U	
72-43-5	Methoxychlor	20	U	
53494-70-5	Endrin ketone	3.8	U	
7421-93-4	Endrin aldehyde	3.8	U	
5103-71-9	alpha-Chlordane	2.0	U	
5103-74-2	gamma-Chlordane	2.0	U	
8001-35-2	Toxaphene	200	U	
12674-11-2	Aroclor-1016	38	U	
11104-28-2	Aroclor-1221	78	U	
11141-16-5	Aroclor-1232	38	U	
53469-21-9	Aroclor-1242	38	U	
12672-29-6	Aroclor-1248	38	U	
11097-69-1	Aroclor-1254	38	U	
11096-82-5	Aroclor-1260	38	U	

PRELIMINARY RESULTS
 Subject to change upon further
 data quality review

FORM I PEST

OLM04.2

CITY_21MC100_003037564

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NE-CORNER-04

Lab Name: Chemtech Consulting Group

Contract: Ground Zero

Lab Code: ESC

Case No.:

SAS No.: P2820

SDG No.: P2820-01

Matrix (soil/water): SOIL

Lab Sample ID: P2820-04

Sample wt/vol: 30 (g/mL) g

Lab File ID: 1LP06272.D

% Moisture: 19 Decanted: (Y/N) N

Date Received: 5/30/02

Extraction: (Type) SONC

Date Extracted: 5/31/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 6/3/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.53

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC		2.1	U
319-85-7	beta-BHC		2.1	U
319-86-8	delta-BHC		2.1	U
58-89-9	gamma-BHC (Lindane)		2.1	U
76-44-8	Heptachlor		2.1	U
309-00-2	Aldrin		2.1	U
1024-57-3	Heptachlor epoxide		2.1	U
959-98-8	Endosulfan I		2.1	U
60-57-1	Dieldrin		4.0	U
72-55-9	4,4'-DDE		4.0	U
72-20-8	Endrin		4.0	U
33213-65-9	Endosulfan II		4.0	U
72-54-8	4,4'-DDD		4.0	U
1031-07-8	Endosulfan sulfate		4.0	U
50-29-3	4,4'-DDT		4.0	U
72-43-5	Methoxychlor		21	U
53494-70-5	Endrin ketone		4.0	U
7421-93-4	Endrin aldehyde		4.0	U
5103-71-9	alpha-Chlordane		2.1	U
5103-74-2	gamma-Chlordane		2.1	U
8001-35-2	Toxaphene		210	U
12674-11-2	Aroclor-1016		40	U
11104-28-2	Aroclor-1221		82	U
11141-16-5	Aroclor-1232		40	U
53469-21-9	Aroclor-1242		40	U
12672-29-6	Aroclor-1248		40	U
11097-69-1	Aroclor-1254		40	U
11096-82-5	Aroclor-1260		40	U

PRELIMINARY RESULTS
 Subject to change upon further
 data quality review.

FORM I PEST

OLM04.2

CITY_21MC100_003037565

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIER-25-05

Lab Name: Chemtech Consulting Group

Contract: Ground Zero

Lab Code: EBC

Case No.:

SAS No.: P2820

SDG No.: P2820-01

Matrix (soil/water): SOIL

Lab Sample ID: P2820-05

Sample wt/vol: 30 (g/mL) g

Lab File ID: 1LP06267.D

% Moisture: 9 Decanted: (Y/N) N

Date Received: 5/30/02

Extraction: (Type) SONC

Date Extracted: 5/31/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 6/3/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.19

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC	1.8	U	
319-85-7	beta-BHC	1.8	U	
319-86-8	delta-BHC	1.8	U	
58-89-9	gamma-BHC (Lindane)	1.8	U	
76-44-8	Heptachlor	1.8	U	
309-00-2	Aldrin	12	P	
1024-57-3	Heptachlor epoxide	1.8	U	
959-98-8	Endosulfan I	1.8	U	
60-57-1	Dieldrin	3.6	U	
72-55-9	4,4'-DDE	7.7		
72-20-8	Endrin	3.6	U	
33213-65-9	Endosulfan II	3.6	U	
72-54-8	4,4'-DDD	30		
1031-07-8	Endosulfan sulfate	3.6	U	
50-29-3	4,4'-DDT	31		
72-43-5	Methoxychlor	18	U	
53494-70-5	Endrin ketone	3.6	U	
7421-93-4	Endrin aldehyde	3.6	U	
5103-71-9	alpha-Chlordane	1.8	U	
5103-74-2	gamma-Chlordane	1.8	U	
8001-35-2	Toxaphene	180	U	
12674-11-2	Aroclor-1016	36	U	
11104-28-2	Aroclor-1221	73	U	
11141-16-5	Aroclor-1232	36	U	
53469-21-9	Aroclor-1242	36	U	
12672-29-6	Aroclor-1248	36	U	
11097-69-1	Aroclor-1254	36	U	
11096-82-5	Aroclor-1260	36	U	

PRELIMINARY RESULTS
 Subject to change upon further
 data quality review

FORM I PEST

OLM04.2

CITY_21MC100_003037566

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIER-25-PARK-06

Lab Name: Chemtech Consulting Group

Contract: Ground Zero

Lab Code: ESC

Case No.:

SAS No.: P2820

SDG No.: P2820-01

Matrix (soil/water): SOIL

Lab Sample ID: P2820-06

Sample wt/vol: 30 (g/mL) g

Lab File ID: 1LP06268.D

% Moisture: 13 Decanted: (Y/N) N

Date Received: 5/30/02

Extraction: (Type) SONC

Date Extracted: 5/31/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 6/3/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.49

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC	2.0	U	
319-85-7	beta-BHC	2.0	U	
319-86-8	delta-BHC	2.0	U	
58-89-9	gamma-BHC (Lindane)	2.0	U	
76-44-8	Heptachlor	2.0	U	
309-00-2	Aldrin	2.0	U	
1024-57-3	Heptachlor epoxide	2.0	U	
959-98-8	Endosulfan I	2.0	U	
60-57-1	Dieldrin	3.8	U	
72-55-9	4,4'-DDE	70		
72-20-8	Endrin	3.8	U	
33213-65-9	Endosulfan II	3.8	U	
72-54-8	4,4'-DDD	21		
1031-07-8	Endosulfan sulfate	3.8	U	
50-29-3	4,4'-DDT	27	P	
72-43-5	Methoxychlor	20	U	
53494-70-5	Endrin ketone	3.8	U	
7421-93-4	Endrin aldehyde	3.8	U	
5103-71-9	alpha-Chlordane	2.0	U	
5103-74-2	gamma-Chlordane	2.0	U	
8001-35-2	Toxaphene	200	U	
12674-11-2	Aroclor-1016	38	U	
11104-28-2	Aroclor-1221	77	U	
11141-16-5	Aroclor-1232	38	U	
53469-21-9	Aroclor-1242	38	U	
12672-29-6	Aroclor-1248	38	U	
11097-69-1	Aroclor-1254	38	U	
11096-82-5	Aroclor-1260	38	U	

PRELIMINARY RESULTS
 Subject to change upon further
 data quality review

FORM I PEST

OLM04.2

CITY_21MC100_003037567