UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV, Athens, Georgia

DATE: November 6, 1979

SUBJECT: Distler Farm (13.68-Acre Farm) Extractable and Pesticide Data

Site: A.L. Taylor
2.2

FROM: Tom B. Bennett, Jr., Chief
Analytical Services Section, LSB

TO: Doug Lair, Chief
Engineering Section, WSB

The analytical data are attached for the core samples submitted 2/28/79 and 6/29/79. This completes all organic analyses from this site.

E. William Doyle
for Tom B. Bennett, Jr.

Enclosures

cc: John White
Alec Little
Sanford Harvey
Jim Finger
Tom Devine
Paul Traina
Mark McClanahan
Al Smith
Mike Carter

EPA FORM 1320-6 (REV. 3-76)

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U.S. EPA REGION IV

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V. 2-040506

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

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PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2/28/79 COMPL'D 9-11-79

Calculations based on dry weight.

SAD NO.	79C0480	79C0481	79C0482
SOURCE & STATION	CA1-2-T	CA-4-19/21	CA1-4/6-T
DATE/TIME	2-20-79	2-22-79	2-20-79
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
26. 1,3-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
27. 1,4-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/ - Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

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DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68-Acre Farm Site Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C0480	79C0481	79C0482
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9/11/79

Calculations based on dry weight.

SAD NO.	79C0483	79C0487	79C0488
SOURCE & STATION	CA1-10/12-T	CA2-4/6-T	CA2-10/12-T
DATE/TIME	2-20-79	2-21-79	2-21-79
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
26. 1,3-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
27. 1,4-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

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DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68-Acre Farm Site Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C0483	79C0487	79C0488
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, KY

CHEMIST Loy

REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0484		
SOURCE & STATION	CA1-16/18-T		
DATE/TIME	2-20-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18. bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND(5)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/	ND(5)		
78. anthracene 4/	ND(5)		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	ND(5)		
84. pyrene	ND(5)		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	ND(5)		
76. chrysene 5/	ND(5)		
72. 1,2-benzanthracene 5/	ND(5)		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	ND(5)		
75. 11,12-benzofluoranthene 6/	ND(5)		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	ND(5)		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	ND(5)		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/ - Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene

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EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79c-0484		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Dimethylpentanol 1/	6.6	/	
Methylpropylketene	T<5		
1 Unidentified Compound	5-50		
No other organic compounds present with an estimated minimum detection limit of 5 Mg/Kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, KY

CHEMIST Loy

REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0485		
SOURCE & STATION	CA2-2-T		
DATE/TIME	2-21-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18. bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND(5)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/	ND(5)		
78. anthracene 4/	ND(5)		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	ND(5)		
84. pyrene	ND(5)		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	ND(5)		
76. chrysene 5/	ND(5)		
72. 1,2-benzanthracene 5/	ND(5)		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	ND(5)		
75. 11,12-benzofluoranthene 6/	ND(5)		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	T<5		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	ND(5)		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/- Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

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EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C-0485		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Methylcyclopropylethanone 1/	T<5		
Methylheptanol	64		
1 Unidentified Compound	5-50		

No other compounds were detected at an estimated minimum detection limit of 5 Mg/Kg.

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, KY

CHEMIST Loy

REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0486		
SOURCE & STATION	CA2-2-B		
DATE/TIME	2-21-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18. bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND(5)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/	ND(5)		
78. anthracene 4/	ND(5)		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	ND(5)		
84. pyrene	ND(5)		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	5.0		
76. chrysene 5/	ND(5)		
72. 1,2-benzanthracene 5/	ND(5)		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	ND(5)		
75. 11,12-benzofluoranthene 6/	ND(5)		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	T<5		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	ND(5)		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-[illegible]
7/ - Calculated by GC/Electron Capture.

(OVER)

EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C-0486		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Methylcyclopropylethanone	T<5		
Methylheptanol	45		
1 Unidentified Compound	5-50		
No other compounds were detected at an estimated minimum detection limit of 5 Mg/Kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C0489	79C0492	79C0493
SOURCE & STATION	CA2-16/18-T	CA3-4/6-T	CA3-10/12-T
DATE/TIME	2-21-79	2-22-79	2-22-79
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
26. 1,3-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
27. 1,4-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (5)	ND (5)	ND (5)
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculations by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS -Sediment

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C0489	79C0492	79C0493
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm, Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0490		
SOURCE & STATION	CA3-2-T		
DATE/TIME	2-22-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18. bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND(5)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/			
78. anthracene 4/	T<5		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	T<5		
84. pyrene	T<5		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	ND(5)		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	T<5		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	T<5		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	ND(5)		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/ - Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

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EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C-0490		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds were detected at an estimated minimum detection limit of 5 Mg/Kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm, Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0491		
SOURCE & STATION	CA3-2-B		
DATE/TIME	2-22-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18 bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND95)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(50		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/			
78. anthracene 4/	ND(5)		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	ND(5)		
84. pyrene	ND(5)		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND(5)		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	ND(5)		
75. 11,12-benzofluoranthene 6/	ND(5)		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	ND(5)		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
7/ - Calculated by GC/Electron Capture.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

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EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C-0491		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
C_3 Alkylbenzene 1/	T<5		
Methylphenanthrene 1/ / Methylanthracene 1/	T<5		
C_2 Alkylphenanthrene 1/	T<5		
C_3 Alkylphenanthrene 1/	T<5		
Methylpyrene 1/	T<5		
Lube Type Oil present			
No other organic compounds present with an estimated minimum detection limit of 5 Mg/Kg			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RCN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight

SAD NO.	79C0494	79C0496	79C0497
SOURCE & STATION	CA3-16/18-T	CA4-2-B	CA4-4/6-T
DATE/TIME	2-22-79	2-22-79	2-22-79
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
26. 1,3-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
27. 1,4-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C0494	79C0496	79C0497
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0495		
SOURCE & STATION	CA4-2-T		
DATE/TIME	2-22-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18. bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND(5)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	T<5		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	T<5		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/			
78. anthracene 4/	ND(5)		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	T<5		
84. pyrene	T<5		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	ND(5)		
76. chrysene 5/	ND(5)		
72. 1,2-benzanthracene 5/	ND(5)		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. T<3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	T<5		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	ND(5)		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/ - Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

(OVER)

EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C-0495		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organics detected at a minimum detection limit of 5 Mg/Kg			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C0498	79C0499	79C0500
SOURCE & STATION	CA4-10/12-T	CA4 -16/18-T	CA5-2-T
DATE/TIME	2-22-79	2-22-79	2-27-79
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
26. 1,3-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
27. 1,4-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/- Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C0498	79C0499	79C0500
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parentheses).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C0501	79C0502	
SOURCE & STATION	CA5-2-B	CA5-4/6-T	
DATE/TIME	2-27-79	2-27-79	
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
26. 1,3-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
27. 1,4-dichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.01) 7/	ND (0.01) 7/	ND (0.01) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/ - Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68-Acre Farm Site Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C0501	79C0502	
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, KY

CHEMIST Bill Loy REC'D. 2-28-79 COMPL'D. 9-11-79

Calculations based on dry weight.

SAD NO.	79C-0503		
SOURCE & STATION	CA3-19/21-T		
DATE/TIME	2-22-79		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.01) 7/		
26. 1,3-dichlorobenzene	ND (0.01) 7/		
27. 1,4-dichlorobenzene	ND (0.01) 7/		
18. bis(2-chloroethyl) ether	ND(5)		
12. hexachloroethane	ND(5)		
42. bis(2-chloroisopropyl) ether	ND(5)		
63. N-nitrosodi-n-propylamine	ND(5)		
56. nitrobenzene	ND(5)		
52. hexachlorobutadiene	ND(5)		
8. 1,2,4-trichlorobenzene	ND (0.01) 7/		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND (0.01) 7/		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
71. dimethyl phthalate	ND(5)		
35. 2,4-dinitrotoluene	ND(5)		
36. 2,6-dinitrotoluene	ND(5)		
40. 4-chlorophenyl phenyl ether	ND(5)		
80. fluorene	ND(5)		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.01) 7/		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/	ND(5)		
78. anthracene 4/	ND(5)		
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	ND(5)		
84. pyrene	ND(5)		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	ND(5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/	ND(5)		
72. 1,2-benzanthracene 5/	ND(5)		
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	ND(5)		
75. 11,12-benzofluoranthene 6/	ND(5)		
73. 3,4-benzopyrene	ND(5)		
83. indeno (1,2,3-cd) pyrene	ND(5)		
82. 1,2,5,6-dibenzanthracene	ND(5)		
79. 1,12-benzoperylene	ND(5)		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	ND(5)		
34. 2,4-dimethylphenol	ND(5)		
31. 2,4-dichlorophenol	ND(5)		
21. 2,4,6-trichlorophenol	ND(5)		
22. parachlorometa cresol	ND(5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND(5)		
64. pentachlorophenol	ND(5)		
58. 4-nitrophenol	ND(5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification. 7/ - Calculated by GC/Electron Capture.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.

(OVER)

EPA, SAD, RGN. IV
Athens, GA 6/79

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm Louisville, KY CHEMIST Loy REC'D. 2-28-79 COMPL'D. 9-11-79

SAD NO.	79C-0503		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Di (methylpropyl) Phthalate 1/	T<5		

No other organic compounds were detected with an estimated minimum detection limit of 5 Mg/Kg.

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79
@1635

PROJECT Distler Farm CHEMIST E. W. Loy, Jr. REC'D. 2/28/79 COMPL'D. 10/12/79
Louisville, KY

SAD NO.	79C-0480	79C-0481	79C-0482	79C-0483
SOURCE & STATION	CA1-2-T	CA4-19/21	CA1-4/6-T	CA1-10/12-T
DATE/TIME	2/20/79	2/22/79	2/20/79	2/20/79
COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89. aldrin 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
90. dieldrin 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
92. 4,4'-DDT (p,p'-DDT) 2/	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.01)
93. 4,4'-DDE (p,p'-DDE) 2/	0.01 3/	ND(0.005)	ND(0.01)	ND(0.01)
94. 4,4'-DDD (p,p'-TDE) 2/	0.03 3/	ND(0.005)	ND(0.01)	ND(0.01)
95. a-endosulfan-Alpha 2/	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.01)
96. b-endosulfan-Beta 2/	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.01)
97. endosulfan sulfate 2/	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.01)
98. endrin 2/	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.01)
99. endrin aldehyde 2/	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.01)
100. heptachlor 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
101. heptachlor epoxide 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
102. a-BHC-Alpha 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
103. b-BHC-Beta 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
105. Δ-BHC-Delta 2/	ND(0.002)	ND(0.0008)	ND(0.002)	ND(0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
107. PCB-1254 (Aroclor 1254) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
108. PCB-1221 (Aroclor 1221) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
109. PCB-1232 (Aroclor 1232) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
110. PCB-1248 (Aroclor 1248) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
111. PCB-1260 (Aroclor 1260) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
112. PCB-1016 (Aroclor 1016) 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
113. Toxaphene 2/	ND(0.06)	ND(0.03)	ND(0.06)	ND(0.06)
Octachlorocyclopentene	ND(0.01)	ND(0.006)	ND(0.01)	ND(0.01)
Heptachloronorbornene	ND(0.01)	ND(0.006)	ND(0.01)	ND(0.01)
Hexachloronorbornadiene	ND(0.01)	ND(0.004)	ND(0.009)	ND(0.009)
Tetrachlorobenzene	ND(0.005)	ND(0.002)	ND(0.005)	ND(0.005)
Pentachlorobenzene	ND(0.005)	ND(0.002)	ND(0.005)	ND(0.005)
Trichlorobenzenes(1,2,3 & 1,3,5-)	ND(0.005)	ND(0.002)	ND(0.005)	ND(0.005)

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.
* - Based on dry weight
3/- Confirmed on two different GC columns

DATA REPORTING SHEET - SEDIMENT
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT Distler Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2/28/79 @ 1635 COMPL'D. 10/12/79

SAD NO.	79C-0484	79C-0485	79C-0486	79C-0487
SOURCE & STATION	CA1-16/18-T	CA2-2-T	CA2-2-B	CA2-4/6-T
DATE/TIME	2/20/79	2/21/79	2/21/79	2/21/79
COMPOUND	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*
89. aldrin 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
90. dieldrin 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
91. chlordane (tech. mixture & metabolites) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
92. 4,4'-DDT (p,p'-DDT) 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
93. 4,4'-DDE (p,p'-DDE) 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
94. 4,4'-DDD (p,p'-TDE) 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
95. a-endosulfan-Alpha 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
96. b-endosulfan-Beta 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
97. endosulfan sulfate 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
98. endrin 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
99. endrin aldehyde 2/	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.012)
100. heptachlor 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
101. heptachlor epoxide 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
102. a-BHC-Alpha 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
103. b-BHC-Beta 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
104. γ-BHC-(lindane)-Gamma 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
105. Δ-BHC-Delta 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.004)
106. PCB-1242 (Aroclor 1242) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
107. PCB-1254 (Aroclor 1254) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
108. PCB-1221 (Aroclor 1221) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
109. PCB-1232 (Aroclor 1232) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
110. PCB-1248 (Aroclor 1248) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
111. PCB-1260 (Aroclor 1260) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
112. PCB-1016 (Aroclor 1016) 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
113. Toxaphene 2/	ND(0.06)	ND(0.06)	ND(0.06)	ND(0.14)
Octachlorocyclopentene	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.006)
Heptachloronorbornene	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.006)
Hexachloronorbornadiene	ND(0.01)	ND(0.01)	ND(0.009)	ND(0.005)
Tetrachlorobenzene	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.002)
Pentachlorobenzene	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.002)
Trichlorobenzenes(1,2,3-&1,3,5-)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.002)

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.
* - Based on dry weight.

DATA REPORTING SHEET - SEDIMENT
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

PROJECT Distler Farm CHEMIST E. W. Loy, Jr. REC'D. 2/28/79 COMPL'D. 10/12/79
Louisville, KY

SAD NO.	79C-0488	79C-0489	79C-0490	79C-0491
SOURCE & STATION	CA2-10/12-T	CA2-16/18-T	CA3-2-T	CA3-2-B
DATE/TIME	2/21/79	2/21/79	2/22/79	2/22/79
COMPOUND	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*
89. aldrin 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
90. dieldrin 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
91. chlordane (tech. mixture & metabolites) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
92. 4,4'-DDT (p,p'-DDT) 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
93. 4,4'-DDE (p,p'-DDE) 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
94. 4,4'-DDD (p,p'-TDE) 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
95. a-endosulfan-Alpha 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
96. b-endosulfan-Beta 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
97. endosulfan sulfate 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
98. endrin 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
99. endrin aldehyde 2/	ND(0.012)	ND(0.005)	ND(0.012)	ND(0.012)
100. heptachlor 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
101. heptachlor epoxide 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
102. a-BHC-Alpha 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
103. b-BHC-Beta 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
104. γ-BHC-(lindane)-Gamma 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
105. Δ-BHC-Delta 2/	ND(0.004)	ND(0.002)	ND(0.004)	ND(0.004)
106. PCB-1242 (Aroclor 1242) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
107. PCB-1254 (Aroclor 1254) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
108. PCB-1221 (Aroclor 1221) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
109. PCB-1232 (Aroclor 1232) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
110. PCB-1248 (Aroclor 1248) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
111. PCB-1260 (Aroclor 1260) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
112. PCB-1016 (Aroclor 1016) 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
113. Toxaphene 2/	ND(0.14)	ND(0.06)	ND(0.14)	ND(0.14)
Octachlorocyclopentene	ND(0.006)	ND(0.006)	ND(0.01)	ND(0.006)
Heptachloronorbornene	ND(0.006)	ND(0.006)	ND(0.01)	ND(0.006)
Hexachloroborbornadiene	ND(0.005)	ND(0.004)	ND(0.01)	ND(0.005)
Tetrachlorobenzene	ND(0.002)	ND(0.002)	ND(0.005)	ND(0.002)
Pentachlorobenzene	ND(0.002)	ND(0.002)	ND(0.005)	ND(0.002)
Trichlorobenzenes (1,2,3-&1,3,5-)	ND(0.002)	ND(0.002)	ND(0.005)	ND(0.002)

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.
* - Based on dry weight.

DATA REPORTING SHEET - SEDIMENT
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT Distler Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D 2/28/79@1635 COMPL'D. 10/12/79

SAD NO.	79C-0492	79C-0493	79C-0494	79C-0495
SOURCE & STATION	CA3-4/6-T	CA3-10/12-T	CA3-16/18-T	CA4-2-T
DATE/TIME	2/22/79	2/22/79	2/22/79	2/22/79
COMPOUND	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*
89. aldrin 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
90. dieldrin 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
91. chlordane (tech. mixture & metabolites) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
92. 4,4'-DDT (p,p'-DDT) 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
93. 4,4'-DDE (p,p'-DDE) 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
94. 4,4'-DDD (p,p'-TDE) 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
95. a-endosulfan-Alpha 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
96. b-endosulfan-Beta 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
97. endosulfan sulfate 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
98. endrin 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
99. endrin aldehyde 2/	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
100. heptachlor 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
101. heptachlor epoxide 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
102. a-BHC-Alpha 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
103. b-BHC-Beta 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
104. γ-BHC-(lindane)-Gamma 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
105. Δ-BHC-Delta 2/	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
106. PCB-1242 (Aroclor 1242) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
107. PCB-1254 (Aroclor 1254) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
108. PCB-1221 (Aroclor 1221) 2/	ND(0.14)	nd(0.14)	ND(0.14)	ND(0.14)
109. PCB-1232 (Aroclor 1232) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
110. PCB-1248 (Aroclor 1248) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
111. PCB-1260 (Aroclor 1260) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
112. PCB-1016 (Aroclor 1016) 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
113. Toxaphene 2/	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
Octachlorocyclopentene	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.01)
Heptachloronorbornene	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.01)
Hexachloronorbornadiene	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.01)
Tetrachlorobenzene	ND(0.002	ND(0.002)	ND(0.002)	ND(0.005)
Pentachlorobenzene	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.005)
Trichlorobenzenes (1,2,3-&1,3,5-)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.005)

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.
* - Based on dry weight.

DATA REPORTING SHEET - SEDIMENT
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT Distler Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 2/28/79@ 1635 COMPL'D. 10/12/79

SAD NO.		79C-0496	79C-0497	79C-0498	79C-0499
SOURCE & STATION		CA4-2-B	CA4-4/6-T	CA4-10/12-T	CA4-16/18-T
DATE/TIME		2/22/79	2/22/79	2/22/79	2/22/79
	COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89.	aldrin 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
90.	dieldrin 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
91.	chlordane (tech. mixture & metabolites) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
92.	4,4'-DDT (p,p'-DDT) 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
93.	4,4'-DDE (p,p'-DDE) 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
94.	4,4'-DDD (p,p'-TDE) 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
95.	a-endosulfan-Alpha 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
96.	b-endosulfan-Beta 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
97.	endosulfan sulfate 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
98.	endrin 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
99.	endrin aldehyde 2/	ND(0.012)	ND(0.005)	ND(0.005)	ND(0.005)
100.	heptachlor 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
101.	heptachlor epoxide 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
102.	a-BHC-Alpha 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
103.	b-BHC-Beta 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
104.	γ-BHC-(lindane)-Gamma 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
105.	Δ-BHC-Delta 2/	ND(0.004)	ND(0.002)	ND(0.002)	ND(0.0009)
106.	PCB-1242 (Aroclor 1242) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
107.	PCB-1254 (Aroclor 1254) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
108.	PCB-1221 (Aroclor 1221) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
109.	PCB-1232 (Aroclor 1232) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
110.	PCB-1248 (Aroclor 1248) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03
111.	PCB-1260 (Aroclor 1260) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
112.	PCB-1016 (Aroclor 1016) 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
113.	Toxaphene 2/	ND(0.14)	ND(0.06)	ND(0.06)	ND(0.03)
	Octachlorocyclopentene	ND(0.01)	ND(0.006)	ND(0.006)	ND(0.006)
	Heptachloronorbornene	ND(0.01)	ND(0.006)	ND(0.006)	ND(0.006)
	Hexachloronorbornadiene	ND(0.01)	ND(0.005)	ND(0.004)	ND(0.004)
	Tetrachlorobenzene	ND(0.005)	ND(0.002)	ND(0.002)	ND(0.002)
	Pentachlorobenzene	ND(0.005)	ND(0.002)	ND(0.002)	ND(0.002)
	Trichlorobenzenes (1,2,3-&1,3,5-)	ND(0.005)	ND(0.002)	ND(0.002)	ND(0.002)

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.

DATA REPORTING SHEET - SEDIMENT
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT Distler Farm
Louisville, KY

CHEMIST E. W. Loy, Jr.

REC'D. 2/28/79 @ 1635

COMPL'D. 10/2/79

SAD NO.	79C-0500	79C-0501	79C-0502	79C-0503
SOURCE & STATION	CA5-2-T	CA5-2-B	CA5-4/6-T	CA3-19/21-T
DATE/TIME	2/27/79	2/27/79	2/27/79	2/22/79
COMPOUND	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*	Concentration Mg/kg*
89. aldrin 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
90. dieldrin 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
92. 4,4'-DDT (p,p'-DDT) 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
93. 4,4'-DDE (p,p'-DDE) 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
94. 4,4'-DDD (p,p'-TDE) 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
95. a-endosulfan-Alpha 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
96. b-endosulfan-Beta 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
97. endosulfan sulfate 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
98. endrin 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
99. endrin aldehyde 2/	ND(0.01)	ND(0.01)	ND(0.007)	ND(0.006)
100. heptachlor 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
101. heptachlor epoxide 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
102. a-BHC-Alpha 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
103. b-BHC-Beta 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
105. Δ-BHC-Delta 2/	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
107. PCB-1254 (Aroclor 1254) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
108. PCB-1221 (Aroclor 1221) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
109. PCB-1232 (Aroclor 1232) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
110. PCB-1248 (Aroclor 1248) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
111. PCB-1260 (Aroclor 1260) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
112. PCB-1016 (Aroclor 1016) 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
113. Toxaphene 2/	ND(0.06)	ND(0.06)	ND(0.07)	ND(0.06)
Octachlorocyclopentene	ND(0.01	ND(0.006)	ND(0.01)	ND(0.006)
Heptachloronorbornene	ND(0.01)	ND(0.006)	ND(0.01)	ND(0.006)
Hexachloronorbornadiene	ND(0.01)	ND(0.005)	ND(0.01)	ND(0.004)
Tetrachlorobenzene	ND(0.005)	ND(0.002)	ND(0.005)	ND(0.002)
Pentachlorobenzene	ND(0.005)	ND(0.002)	ND(0.005)	ND(0.002)
Trichlorobenzenes(1,2,3-&1,3,5-)	ND(0.005)	ND(0.002)	ND(0.005)	ND(0.002)

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.
* - Based on dry weight.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - Water

PROJECT 13.68-Acre Farm, ~~Louisville, KY~~ CHEMIST E. W. Loy, Jr. REC'D. 6-29-79 COMPL'D. 9-25-79

SAD NO.	79C1739		
SOURCE & STATION	SC-1A Stump Gap Creek Overhill FR CA8 Drilling Site		
DATE/TIME	6-26-79 @ 1430		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.4) 7/		
26. 1,3-dichlorobenzene	ND (0.4) 7/		
27. 1,4-dichlorobenzene	ND (0.4) 7/		
18. bis(2-chloroethyl) ether	ND (10)		
12. hexachloroethane	ND (10)		
42. bis(2-chloroisopropyl) ether	ND (10)		
63. N-nitrosodi-n-propylamine	ND (20)		
56. nitrobenzene	ND (10)		
52. hexachlorobutadiene	ND (10)		
8. 1,2,4-trichlorobenzene	ND (0.4) 7/		
55. naphthalene	ND (10)		
43. bis(2-chloroethoxy) methane	ND (10)		
54. isophorone	ND (20)		
53. hexachlorocyclopentadiene	ND (0.5) 7/		
20. 2-chloronaphthalene	ND (10)		
77. acenaphthylene	ND (10)		
1. acenaphthene	ND (10)		
71. dimethyl phthalate	ND (10)		
35. 2,4-dinitrotoluene	ND (10)		
36. 2,6-dinitrotoluene	ND (10)		
40. 4-chlorophenyl phenyl ether	ND (10)		
80. fluorene	ND (10)		
70. diethyl phthalate	ND (10)		
37. 1,2-diphenylhydrazine 2/	ND (10)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (1.0) 7/		
41. 4-bromophenyl phenyl ether	ND (10)		
81. phenanthrene 4/	ND (10)		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (10)		
39. fluoranthene	ND (10)		
84. pyrene	ND (10)		
67. butyl benzyl phthalate	ND (10)		
5. benzidine	ND (10)		
66. bis(2-ethylhexyl) phthalate	ND (10)		
76. chrysene 5/	ND (10)		
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (20)		
69. di-n-octyl phthalate	ND (10)		
74. 3,4-benzofluoranthene 6/	ND (10)		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (10)		
83. indeno (1,2,3-cd) pyrene	ND (20)		
82. 1,2,5,6-dibenzanthracene	ND (20)		
79. 1,12-benzoperylene	ND (20)		
24. 2-chlorophenol	ND (10)		
57. 2-nitrophenol	ND (10)		
65a. phenol (GC/MS)	ND (10)		
34. 2,4-dimethylphenol	ND (10)		
31. 2,4-dichlorophenol	ND (10)		
21. 2,4,6-trichlorophenol	ND (10)		
22. parachlorometa cresol	ND (10)		
59. 2,4-dinitrophenol	ND (10)		
60. 4,6-dinitro-o-cresol	ND (10)		
64. pentachlorophenol	ND (10)		
58. 4-nitrophenol	ND (10)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS

PROJECT 13.68-Acre Farm Louisville, KY CHEMIST E.W. Loy, Jr. REC'D. 6-29-79 COMPL'D. 9-25-79

SAD NO.	79C1739		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
No organic compounds detected with an estimated minimum detection limit of 20 ug/l.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV 35
Athens, GA 6/79

PROJECT 13.68-Acre Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 6-29-79 COMPL'D. 9-25-79

Calculations based on dry weight.

SAD NO.	79C1740		
SOURCE & STATION	CA6-3/5T		
DATE/TIME	6/26/79 @ 1100		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	T<5		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/	ND (5)		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/	ND (5)		
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/	ND (5)		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68-Acre Site CHEMIST F. W. Loy, Jr. REC'D. 6-29-79 COMPL'D. 9-25-79

~~Louisville, KY~~

SAD NO.	79C1740		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Lube-type oil present.			
No other organics detected at an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV 37
Athens, GA 6/79

PROJECT 13.68-Acre Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D 6-29-79 COMPL'D. 9-25-79

Calculations based on dry weight.

SAD NO.	79C1741		
SOURCE & STATION	CA6-3/5B		
DATE/TIME	6/26/79 @ 1100		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/	ND (5)		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	ND (5)		
76. chrysene 5/	ND (5)		
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/	ND (5)		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	ND (5)		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D: 6/29/79 COMPL'D 9/25/79

SAD NO.	79C1741		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Dimethylpentanol	T<5		
Cyclohexenone	T<5		
Methylcyclopentanone	T<5		
1 unidentified compound	5-50		

No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

Calculations based on dry weight.

SAD NO.	79C1742		
SOURCE & STATION	CA6-8/10T		
DATE/TIME	6/26/79 @ 1110		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	T<5		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/	ND (5)		
78. anthracene 4/			
68. di-n-butyl phthalate	T<5		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/	ND (5)		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68-Acre Farm ~~Louisville, KY~~ CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C1742		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Lube-type oil present.			
No other organic compounds detected with an estimated concentration of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/19/79

Calculations based on dry weight.

SAD NO.	79C-1743	79C-1748	79C-1749
SOURCE & STATION	CA6-13/15T	CA7-13/15T	CA7-18/20T
DATE/TIME	6/26/79 @ 1115	6/26/79 @ 1210	6/26/79 @
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.007) 7/	ND (0.07) 7/	ND (0.07) 7/
26. 1,3-dichlorobenzene	ND (0.007) 7/	ND (0.07) 7/	ND (0.07) 7/
27. 1,4-dichlorobenzene	ND (0.007) 7/	ND (0.07) 7/	ND (0.07) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.007) 7/	ND (0.07) 7/	ND (0.07) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.008) 7/	ND (0.008) 7/	ND (0.008) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.02) 7/	ND (0.02) 7/	ND (0.02) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/19/79

SAD NO.	79C 1743	79C 1748	79C 1749
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 6-29-79 COMPL'D. 9-26-79

Calculations based on dry weight.

SAD NO.	79C1744		
SOURCE & STATION	CA6-18/20T		
DATE/TIME	6/26/79 @ 1130		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.009) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/	ND (5)		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/	T<5		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

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DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79 44

PROJECT 13.68-Acre Farm
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 6-29-79 COMPL'D. 9-26-79

SAD NO.	79C1744		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Petroleum-type hydrocarbons present.			
No other organics present with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1745		
SOURCE & STATION	CA7-3/5 T		
DATE/TIME	6/26/79 @ 1145		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.07) 7/		
26. 1,3-dichlorobenzene	ND (0.07) 7/		
27. 1,4-dichlorobenzene	ND (0.07) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.07) 7/		
55. naphthalene	T<5		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	T<5		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	32		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	T<5		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	ND (5)		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS- SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

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PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1745		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
Methyl ester of Acetic Acid 1/	T<5		
Cyclohexenone 1/	T<5		
Hexanoic Acid 1/	T<5		
Phthalic Acid 1/	T<5		
Benzoic Acid 1/	T<5		
Methylbenzoic Acid 1/	T<5		
Benzene acetic Acid 1/	T<5		
Methylcyclopentanone 1/	T<5		
Hexadecanoic Acid 1/	T<5		
Xylene (2 isomers)	T<5		
Di (methylpropyl) Phthalate 1/	T<5		
No other organic compounds detected at an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV 47
Athens, GA 6/79

PROJECT 13.68 Acre Farm CHEMIST E. W. Loy, Jr. REC'D 6/29/79 COMPL'D. 9/25/79

Louisville, Kentucky
Calculations based on dry weight.

SAD NO.	79C 1746		
SOURCE & STATION	CA7-3/5 B		
DATE/TIME	6/26/79 @ 1145		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.07) 7/		
26. 1,3-dichlorobenzene	ND (0.07) 7/		
27. 1,4-dichlorobenzene	ND (0.07) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.07) 7/		
55. naphthalene	T<5		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	T<5		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	T<5		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	55		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	T<5		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	ND (5)		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

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DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1746		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	T<5		
C_5 Alkylbenzene 1/ (2 isomers)	T<5		
C_3 Alkylstyrene 1/ (3 isomers)	T<5		
Methylnaphthalene 1/ (2 isomers)	T<5		
C_2 Alkylnaphthalene 1/ (2 isomers)	T<5		
Phthalic Acid 1/	T<5		
Di (methylpropyl) phthalate 1/	T<5		
Hexanoic Acid 1/	T<5		
Phthalic Acid 1/	T<5		
Benzoic Acid 1/	T<5		
Methylbenzoic Acid 1/	T<5		
Methylcyclopentanone 1/	T<5		
Hexadecanoic Acid 1/	T<5		
Octadecenoic Acid 1/	T<5		
Octadecadienoic Acid 1/	T<5		
No other organic compounds detected at an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV 49
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1747		
SOURCE & STATION	CA7-8/10 T		
DATE/TIME	6/26/79 @ 1200		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.07) 7/		
26. 1,3-dichlorobenzene	ND (0.07) 7/		
27. 1,4-dichlorobenzene	ND (0.07) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.07) 7/		
55. naphthalene	T<5		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	T<5		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	T<5		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	T<5		
68. di-n-butyl phthalate	T<5		
39. fluoranthene	T<5		
84. pyrene	T<5		
67. butyl benzyl phthalate	T<5		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	38		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	T<5		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	ND (5)		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

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DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79
Louisville, Kentucky
Calculations based on dry weight.

SAD NO.	79C 1747		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
Butoxyethanol 1/	T<5		
Dimethylpropanol 1/	T<5		
Phthalic Acid 1/	T<5		
Hexadecanoic Acid 1/	T<5		
Octadecenoic Acid 1/	T<5		
Octadecadienoic Acid 1/	T<5		
Methylbenzenesulfonamide 1/ (2 isomers)	T<5		
C_5 Alkylbenzene 1/	T<5		
Methylnaphthalene 1/	T<5		
Methylphenanthrene 1/ /Methylanthracene 1/	T<5		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - SEDIMENT
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/19/79

Calculations based on dry weight.

SAD NO.	79C 1750	79C 1753	79C 1755
SOURCE & STATION	CA8-3/5T	CA8-13/14T	CA9-5T
DATE/TIME	6-26-79 @ 1415	6-26-79 @ 1440	6-27-79 @ 1105
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)	Estimated Concentration (mg/kg)
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.007) 7/	ND (0.007) 7/	ND (0.007) 7/
26. 1,3-dichlorobenzene	ND (0.007) 7/	ND (0.007) 7/	ND (0.007) 7/
27. 1,4-dichlorobenzene	ND (0.007) 7/	ND (0.007) 7/	ND (0.007) 7/
18. bis(2-chloroethyl) ether	ND (5)	ND (5)	ND (5)
12. hexachloroethane	ND (5)	ND (5)	ND (5)
42. bis(2-chloroisopropyl) ether	ND (5)	ND (5)	ND (5)
63. N-nitrosodi-n-propylamine	ND (5)	ND (5)	ND (5)
56. nitrobenzene	ND (5)	ND (5)	ND (5)
52. hexachlorobutadiene	ND (5)	ND (5)	ND (5)
8. 1,2,4-trichlorobenzene	ND (0.007) 7/	ND (0.007) 7/	ND (0.007) 7/
55. naphthalene	ND (5)	ND (5)	ND (5)
43. bis(2-chloroethoxy) methane	ND (5)	ND (5)	ND (5)
54. isophorone	ND (5)	ND (5)	ND (5)
53. hexachlorocyclopentadiene	ND (0.008) 7/	ND (0.008) 7/	ND (0.008) 7/
20. 2-chloronaphthalene	ND (5)	ND (5)	ND (5)
77. acenaphthylene	ND (5)	ND (5)	ND (5)
1. acenaphthene	ND (5)	ND (5)	ND (5)
71. dimethyl phthalate	ND (5)	ND (5)	ND (5)
35. 2,4-dinitrotoluene	ND (5)	ND (5)	ND (5)
36. 2,6-dinitrotoluene	ND (5)	ND (5)	ND (5)
40. 4-chlorophenyl phenyl ether	ND (5)	ND (5)	ND (5)
80. fluorene	ND (5)	ND (5)	ND (5)
70. diethyl phthalate	ND (5)	ND (5)	ND (5)
37. 1,2-diphenylhydrazine 2/	ND (5)	ND (5)	ND (5)
62. N-nitrosodiphenylamine 3/	NA	NA	NA
9. hexachlorobenzene	ND (0.02) 7/	ND (0.02) 7/	ND (0.02) 7/
41. 4-bromophenyl phenyl ether	ND (5)	ND (5)	ND (5)
81. phenanthrene 4/	ND (5)	ND (5)	ND (5)
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)	ND (5)	ND (5)
39. fluoranthene	ND (5)	ND (5)	ND (5)
84. pyrene	ND (5)	ND (5)	ND (5)
67. butyl benzyl phthalate	ND (5)	ND (5)	ND (5)
5. benzidine	ND (5)	ND (5)	ND (5)
66. bis(2-ethylhexyl) phthalate	ND (5)	ND (5)	ND (5)
76. chrysene 5/	ND (5)	ND (5)	ND (5)
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (5)	ND (5)	ND (5)
69. di-n-octyl phthalate	ND (5)	ND (5)	ND (5)
74. 3,4-benzofluoranthene 6/	ND (5)	ND (5)	ND (5)
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	ND (5)	ND (5)	ND (5)
83. indeno (1,2,3-cd) pyrene	ND (5)	ND (5)	ND (5)
82. 1,2,5,6-dibenzanthracene	ND (5)	ND (5)	ND (5)
79. 1,12-benzoperylene	ND (5)	ND (5)	ND (5)
24. 2-chlorophenol	ND (5)	ND (5)	ND (5)
57. 2-nitrophenol	ND (5)	ND (5)	ND (5)
65a. phenol (GC/MS)	ND (5)	ND (5)	ND (5)
34. 2,4-dimethylphenol	ND (5)	ND (5)	ND (5)
31. 2,4-dichlorophenol	ND (5)	ND (5)	ND (5)
21. 2,4,6-trichlorophenol	ND (5)	ND (5)	ND (5)
22. parachlorometa cresol	ND (5)	ND (5)	ND (5)
59. 2,4-dinitrophenol	NA	NA	NA
60. 4,6-dinitro-o-cresol	ND (5)	ND (5)	ND (5)
64. pentachlorophenol	ND (5)	ND (5)	ND (5)
58. 4-nitrophenol	ND (5)	ND (5)	ND (5)

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68-Acre Farm Site Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/19/79

SAD NO.	79C 1750	79C 1753	79C 1755
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1751		
SOURCE & STATION	CA8-3/5 B		
DATE/TIME	6/26/79 @ 1415		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008)		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

Calculations based on dry weight.

SAD NO.	79C 1751		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
No other organic compounds detected at an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79 55

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1752		
SOURCE & STATION	CA8-8/10 T		
DATE/TIME	6/26/79 @ 1430		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1752		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
No other organic compounds detected at an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1754		
SOURCE & STATION	CA8-18/20 T		
DATE/TIME	6/26/79 @ 1450		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	ND (5)		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	ND (5)		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

Calculations based on dry weight.

SAD NO.	79C 1754		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
Cyclohexenone 1/	T<5		

No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm Site
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/19/79

SAD NO.	79C 1756		
SOURCE & STATION	CA9-5B		
DATE/TIME	6/27/79 @ 1105		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA	NA	NA
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	ND (5)		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ Calculated by GC/Electorn Capture.

(OVER)

SEDIMENT
DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm Site CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/19/79
Louisville, Kentucky Calculations based on dry weight.

SAD NO.	79C 1756		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration	Estimated Concentration	Estimated Concentration

No other organic compounds detected with an estimated minimum detection limit of .5 mg/kg.

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV 61
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1757		
SOURCE & STATION	CA9-8/10 T		
DATE/TIME	6/27/79 @ 1115		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS- SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky
CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1757		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Louisville, Kentucky
Calculations based on dry weight.

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1758		
SOURCE & STATION	CA9-13/15 T		
DATE/TIME	6/27/79 @ 1125		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	T<5		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	T<5		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	NA		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS- SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1758		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.			

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

EPA, SAD, RGN. IV 65
Athens, GA 6/79

PROJECT 13.68 Acre Farm CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

Louisville, Kentucky
Calculations based on dry weight.

SAD NO.	79C 1759		
SOURCE & STATION	CA9-18/20 T		
DATE/TIME	6/27/79 @ 1140		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chloromethyl) ether	NA		
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (0.007) 7/		
26. 1,3-dichlorobenzene	ND (0.007) 7/		
27. 1,4-dichlorobenzene	ND (0.007) 7/		
18. bis(2-chloroethyl) ether	ND (5)		
12. hexachloroethane	ND (5)		
42. bis(2-chloroisopropyl) ether	ND (5)		
63. N-nitrosodi-n-propylamine	ND (5)		
56. nitrobenzene	ND (5)		
52. hexachlorobutadiene	ND (5)		
8. 1,2,4-trichlorobenzene	ND (0.007) 7/		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (0.008) 7/		
20. 2-chloronaphthalene	ND (5)		
77. acenaphthylene	ND (5)		
1. acenaphthene	ND (5)		
71. dimethyl phthalate	ND (5)		
35. 2,4-dinitrotoluene	ND (5)		
36. 2,6-dinitrotoluene	ND (5)		
40. 4-chlorophenyl phenyl ether	ND (5)		
80. fluorene	ND (5)		
70. diethyl phthalate	ND (5)		
37. 1,2-diphenylhydrazine 2/	ND (5)		
62. N-nitrosodiphenylamine 3/	NA		
9. hexachlorobenzene	ND (0.02) 7/		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/			
78. anthracene 4/	ND (5)		
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	ND (5)		
84. pyrene	ND (5)		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	ND (5)		
66. bis(2-ethylhexyl) phthalate	ND (5)		
76. chrysene 5/			
72. 1,2-benzanthracene 5/	ND (5)		
28. 3,3'-dichlorobenzidine	ND (5)		
69. di-n-octyl phthalate	ND (5)		
74. 3,4-benzofluoranthene 6/			
75. 11,12-benzofluoranthene 6/	ND (5)		
73. 3,4-benzopyrene	ND (5)		
83. indeno (1,2,3-cd) pyrene	ND (5)		
82. 1,2,5,6-dibenzanthracene	ND (5)		
79. 1,12-benzoperylene	ND (5)		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	ND (5)		
31. 2,4-dichlorophenol	ND (5)		
21. 2,4,6-trichlorophenol	ND (5)		
22. parachlorometa cresol	ND (5)		
59. 2,4-dinitrophenol	ND (5)		
60. 4,6-dinitro-o-cresol	ND (5)		
64. pentachlorophenol	ND (5)		
58. 4-nitrophenol	ND (5)		

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.
2/ - and/or azobenzene.
3/ - and/or diphenylamine.
4/ - Phenanthrene and/or anthracene.
5/ - Chrysene and/or 1,2-benzanthracene.
6/ - 3,4-benzofluoranthene and/or 11,12-benzofluoranthene.
7/ - Calculated by GC/ Electron Capture.

(OVER)

DATA REPORTING SHEET
EXTRACTABLE ORGANIC ANALYSIS - SEDIMENT

PROJECT 13.68 Acre Farm
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 COMPL'D. 9/25/79

SAD NO.	79C 1759		
SOURCE & STATION			
DATE/TIME			
COMPOUND	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
Cyclohexenone 1/	T<5		

No other organic compounds detected with an estimated minimum detection limit of 5 mg/kg.

T - Trace.
ND - None detected at greater than Minimum Detection Limit (number in parenthesis).
NA - Not Analyzed.
1/ - Tentative Identification.

DATA REPORTING SHEET - WATER
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Distler Farm Cores
Louisville, Kentucky

CHEMIST E. W. Loy, Jr.

REC'D. 6/29/79 @ 0730

COMPL'D. 8/27/79

SAD NO.	79C 1739			
SOURCE & STATION	SC-1A-Stump Gap Creek Over-Hill Fr. CA8 Drilling SI			
DATE/TIME	6/26/79 @ 1430			
COMPOUND	Concentration ug/1	Concentration	Concentration	Concentration
89. aldrin 2/	ND (0.1)			
90. dieldrin 2/	ND (0.1)			
91. chlordane (tech. mixture & metabolites) 2/	ND (4.0)			
92. 4,4'-DDT (p,p'-DDT) 2/	ND (0.7)			
93. 4,4'-DDE (p,p'-DDE) 2/	ND (0.7)			
94. 4,4'-DDD (p,p'-TDE) 2/	ND (0.7)			
95. a-endosulfan-Alpha 2/	ND (0.7)			
96. b-endosulfan-Beta 2/	ND (0.7)			
97. endosulfan sulfate 2/	ND (0.7)			
98. endrin 2/	ND (0.7)			
99. endrin aldehyde 2/	ND (0.7)			
100. heptachlor 2/	ND (0.1)			
101. heptachlor epoxide 2/	ND (0.1)			
102. a-BHC-Alpha 2/	ND (0.1)			
103. b-BHC-Beta 2/	ND (0.1)			
104. γ-BHC-(lindane)-Gamma 2/	ND (0.1)			
105. Δ-BHC-Delta 2/	ND (0.1)			
106. PCB-1242 (Aroclor 1242) 2/	ND (4.0)			
107. PCB-1254 (Aroclor 1254) 2/	ND (4.0)			
108. PCB-1221 (Aroclor 1221) 2/	ND (4.0)			
109. PCB-1232 (Aroclor 1232) 2/	ND (4.0)			
110. PCB-1248 (Aroclor 1248) 2/	ND (4.0)			
111. PCB-1260 (Aroclor 1260) 2/	ND (4.0)			
112. PCB-1016 (Aroclor 1016) 2/	ND (4.0)			
113. Toxaphene 2/	ND (4.0)			
Octachlorocyclopentene	ND (0.8)			
Heptachloronorbornene	ND (1.0)			
Hexachloronorbornadiene	ND (0.5)			
Tetrachlorobenzene	ND (0.4)			
Pentachlorobenzene	ND (0.4)			
Trichlorobenzenes (1,2,3- &1,3,5-)	ND (0.4)			

T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.

SEDIMENT
DATA REPORTING SHEET
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV Athens, GA 6/79

PROJECT 13.68 Acre Farm CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 @ 0730 COMPL'D. 8/27/79

Distler Farm Cores
Louisville, Kentucky

SAD NO.	79C 1740	79C 1741	79C 1742	79C 1743
SOURCE & STATION	CA6-3/5-T	CA6-3/5-B	CA6-8/10-T	CA6-13/15-T
DATE/TIME	6/26/79 @ 1100	6/26/79 @ 1100	6/26/79 @ 1110	6/26/79 @ 1115
COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89. aldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
90. dieldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
92. 4,4'-DDT (p,p'-DDT) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
93. 4,4'-DDE (p,p'-DDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
94. 4,4'-DDD (p,p'-TDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
95. a-endosulfan-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
96. b-endosulfan-Beta 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
97. endosulfan sulfate 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
98. endrin 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
99. endrin aldehyde 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
100. heptachlor 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
101. heptachlor epoxide 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
102. a-BHC-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
103. b-BHC-Beta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
105. Δ-BHC-Delta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
107. PCB-1254 (Aroclor 1254) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
108. PCB-1221 (Aroclor 1221) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
109. PCB-1232 (Aroclor 1232) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
110. PCB-1248 (Aroclor 1248) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
111. PCB-1260 (Aroclor 1260) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
112. PCB-1016 (Aroclor 1016) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
113. Toxaphene 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Octachlorocyclopentene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachloronorbornene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Hexachloronorbornadiene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Tetrachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Pentachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Trichlorobenzenes (1,2,3-& 1,3,5-)	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)

* - Based on dry weight.
T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.

SEDIMENT
DATA REPORTING SHEET
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV 69
Athens, GA 6/79

PROJECT 13.68 Acre Farm CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 @ 0730 COMPL'D. 8/27/79

Distler Farm Cores
Louisville, Kentucky

SAD NO.	79C 1744	79C 1745	79C 1746	79C 1747
SOURCE & STATION	CA6-18/20-T	CA7-3/5-T	CA7-3/5-B	CA7-8/10-T
DATE/TIME	6/26/79 @ 1130	6/26/79 @ 1145	6/26/79 @ 1145	6/26/79 @ 1200
COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89. aldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
90. dieldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
92. 4,4'-DDT (p,p'-DDT) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
93. 4,4'-DDE (p,p'-DDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
94. 4,4'-DDD (p,p'-TDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
95. a-endosulfan-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
96. b-endosulfan-Beta 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
97. endosulfan sulfate 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
98. endrin 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
99. endrin aldehyde 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
100. heptachlor 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
101. heptachlor epoxide 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
102. a-BHC-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
103. b-BHC-Beta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
105. Δ-BHC-Delta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
107. PCB-1254 (Aroclor 1254) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
108. PCB-1221 (Aroclor 1221) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
109. PCB-1232 (Aroclor 1232) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
110. PCB-1248 (Aroclor 1248) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
111. PCB-1260 (Aroclor 1260) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
112. PCB-1016 (Aroclor 1016) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
113. Toxaphene 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Octachlorocyclopentene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachloronorbornene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Hexachloronorbornadiene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Tetrachlorobenzene	ND (0.007)	ND (0.07)	ND (0.07)	ND (0.07)
Pentachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Trichlorobenzenes (1,2,3-&1,3,5-)	ND (0.007)	ND (0.07)	ND (0.07)	ND (0.07)

* - Based on dry weight.
T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.

SEDIMENT
DATA REPORTING SHEET
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 @ 0730 COMPL'D. 8/27/79

Distler Farm Cores
Louisville, Kentucky

SAD NO.	79C 1748	79C 1749	79C 1750	79C 1751
SOURCE & STATION	CA7-13/15-T	CA7-18/20-T	CA8-3/5-T	CA8-3/5-B
DATE/TIME	6/26/79 @ 1210	6/26/79 @ 0	6/26/79 @ 1415	6/26/79 @ 1415
COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89. aldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
90. dieldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
92. 4,4'-DDT (p,p'-DDT) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
93. 4,4'-DDE (p,p'-DDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
94. 4,4'-DDD (p,p'-TDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
95. a-endosulfan-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
96. b-endosulfan-Beta 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
97. endosulfan sulfate 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
98. endrin 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
99. endrin aldehyde 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
100. heptachlor 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
101. heptachlor epoxide 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
102. a-BHC-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
103. b-BHC-Beta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
105. Δ-BHC-Delta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
107. PCB-1254 (Aroclor 1254) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
108. PCB-1221 (Aroclor 1221) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
109. PCB-1232 (Aroclor 1232) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
110. PCB-1248 (Aroclor 1248) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
111. PCB-1260 (Aroclor 1260) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
112. PCB-1016 (Aroclor 1016) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
113. Toxaphene 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Octachlorocyclopentene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachlorocyclonorbornene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Hexachloronorbornadiene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Tetrachlorobenzene	ND (0.07)	ND (0.07)	ND (0.007)	ND (0.007)
Pentachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Trichlorobenzenes (1,2,3-&1,3,5-)	ND (0.07)	ND (0.07)	ND (0.007)	ND (0.007)

* - Based on dry weight.
T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.

SEDIMENT
DATA REPORTING SHEET
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Distler Farm Cores
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 @ 0730 COMPL'D. 8/27/79

SAD NO.	79C 1752	79C 1753	79C 1754	79C 1755
SOURCE & STATION	CA8-8/10-T	CA8-13/14-T	CA8-18/20-T	CA9-5T
DATE/TIME	6/26/79 @ 1430	6/26/79 @ 1440	6/26/79 @ 1450	6/27/79 @ 1105
COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89. aldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
90. dieldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
92. 4,4'-DDT (p,p'-DDT) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
93. 4,4'-DDE (p,p'-DDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
94. 4,4'-DDD (p,p'-TDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
95. a-endosulfan-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
96. b-endosulfan-Beta 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
97. endosulfan sulfate 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
98. endrin 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
99. endrin aldehyde 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
100. heptachlor 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
101. heptachlor epoxide 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
102. a-BHC-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
103. b-BHC-Beta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
105. Δ-BHC-Delta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
107. PCB-1254 (Aroclor 1254) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
108. PCB-1221 (Aroclor 1221) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
109. PCB-1232 (Aroclor 1232) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
110. PCB-1248 (Aroclor 1248) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
111. PCB-1260 (Aroclor 1260) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
112. PCB-1016 (Aroclor 1016) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
113. Toxaphene 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Octachlorocyclopentene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachloronorbornene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Hexachloronorbornadiene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Tetrachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Pentachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Trichlorobenzenes (1,2,3-&1,3,5-)	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)

* - Based on dry weight.
T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.
NA - Not analyzed.

SEDIMENT
DATA REPORTING SHEET
PESTICIDES/PCB'S, AND OTHER CHLORINATED COMPOUNDS

EPA-SAD-RGN. IV
Athens, GA 6/79

PROJECT 13.68 Acre Farm
Distler Farm Cores
Louisville, Kentucky

CHEMIST E. W. Loy, Jr. REC'D. 6/29/79 @ 0730 COMPL'D. 8/27/79

SAD NO.	79C 1756	79C 1757	79C 1758	79C 1759
SOURCE & STATION	CA9-5B	CA9-8/10-T	CA9-13/15-T	CA9-18/20-T
DATE/TIME	6/27/79 @ 1105	6/27/79 @ 1115	6/27/79 @ 1125	6/27/79 @ 1140
COMPOUND	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*	Concentration mg/kg*
89. aldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
90. dieldrin 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
91. chlordane (tech. mixture & metabolites) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
92. 4,4'-DDT (p,p'-DDT) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
93. 4,4'-DDE (p,p'-DDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
94. 4,4'-DDD (p,p'-TDE) 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
95. a-endosulfan-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
96. b-endosulfan-Beta 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
97. endosulfan sulfate 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
98. endrin 2/	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
99. endrin aldehyde 2/	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
100. heptachlor 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
101. heptachlor epoxide 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
102. a-BHC-Alpha 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
103. b-BHC-Beta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
104. γ-BHC-(lindane)-Gamma 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
105. Δ-BHC-Delta 2/	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)
106. PCB-1242 (Aroclor 1242) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
107. PCB-1254 (Aroclor 1254) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
108. PCB-1221 (Aroclor 1221) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
109. PCB-1232 (Aroclor 1232) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
110. PCB-1248 (Aroclor 1248) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
111. PCB-1260 (Aroclor 1260) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
112. PCB-1016 (Aroclor 1016) 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
113. Toxaphene 2/	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Octachlorocyclopentene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Heptachloronorbornene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Hexachlornorbornadiene	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Tetrachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Pentachlorobenzene	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)
Trichlorobenzenes (1,2,3- &k,3,5-)	ND (0.007)	ND (0.007)	ND (0.007)	ND (0.007)

* - Based on dry weight.
T - Trace.
ND - None detected at greater than Minimum Detection Limit, (number in parenthesis).
1/ - Tentative Identification.
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NA - Not analyzed.