Site: A.L. Taylor
Break: 2.2
Other:

ENVIRONMENTAL PROTECTION AGENCY
REGION IV
SURVEILLANCE AND ANALYSIS DIVISION
ATHENS, GEORGIA 30601

RECEIVED
JUN 29 1979
Dept. for Natural Resources & Environmental Protection Commissioner's Office
Bureau of Environmental Protection

JUN 27 1979

REF: 4SA-WS

Mr. Jack McClure
Assistant to the Commissioner
Bureau of Environmental Protection
Kentucky Department for Natural Resources
and Environmental Protection
Capital Plaza Towers
Frankfort, Kentucky 40601

Dear Mr. McClure:

Enclosed are additional analytical data for samples collected from the "pits" at the A. J. Taylor site and one sample from Wilson Creek on April 18, 1979. Note that the enclosed are extractable organic analyses and also note the change in reporting format. For each sample, the first page is a listing of some 58 extractable organic compounds on the NRDC list of priority pollutants. As you will notice, not all of the 58 extractable organic compounds were analyzed for. The next one to two pages list "other" extractable organic compounds which were identified in the specific sample.

The PCB, pesticide, and metals data for these samples were previously furnished to you. Results of VOA analysis will be forwarded to you when complete.

If you have any questions, please give me a call.

Sincerely yours,

Michael R. Carter

Michael R. Carter, P.E.
Chief, Water Surveillance Branch

Enclosure

10948748

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV, Athens, GA 30605

June 22, 1979

Extractable Organic Analysis of "Pit" Samples from A. J. Taylor Site, Louisville, KY

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

Mike Carter, Chief
Water Surveillance Branch

Attached are the analytical data for the subject samples received on 4/20/79. The PCB and pesticide data were reported on 5/14/79.

Tom B. Bennett, Jr. for

Enclosures

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

(Rev. 3-76)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/7/79

SAD NO.	79C0999		
SOURCE & STATION	WC-C2 Wilson Creek Control	SEDIMENTS	
DATE/TIME	4-18-79 @ 1600		
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Methylpropylester of Acetic Acid 1/	T<5		
Ethanedioldiacetate 1/	T<5		
Oxybisethanoldiacetate 1/	T<5		
Methyloctenone 1/	13		
Benzoic Acid 1/	T<5		
Methylheptadienone 1/	T<5		
Butylmethypropyl Phthalate 1/	T<5		
Tetradecanoic Acid 1/	T<5		
Hexadecanoic Acid 1/	T<5		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

ROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-13-79
Louisville, Kentucky 0800

AD NO.	79C0981		
OURCE & STATION	A-1 First Pit Cut SEDIMENTS		
ATE/TIME	4-18-79 @ 0930		
ompounds on NRDC List of Priority ollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
7. bis(chlormethyl) ether	NA	NA	NA
1. N-nitrosodimethylamine	NA		
5. 1,2-dichlorobenzene	ND(5)		
6. 1,3-dichlorobenzene	ND(5)		
7. 1,4-dichlorobenzene	ND(5)		
8. bis(2-chloroethyl) ether	ND(5)		
2. hexachloroethane	ND(5)		
2. bis(2-chloroisopropyl) ether	ND(5)		
3. N-nitrosodi-n-propylamine	ND(5)		
6. nitrobenzene	ND(5)		
2. hexachlorobutadiene	ND(5)		
5. 1,2,4-trichlorobenzene	ND(5)		
5. naphthalene	T<5		
3. bis(2-chloroethoxy) methane	ND(5)		
4. isophorone	ND(5)		
3. hexachlorocyclopentadiene	ND(5)		
0. 2-chloronaphthalene	ND(5)		
7. acenaphthylene	ND(5)		
1. acenaphthene	ND(5)		
1. dimethyl phthalate	35		
5. 2,4-dinitrotoluene	ND (5)		
6. 2,6-dinitrotoluene	ND (5)		
0. 4-chlorophenyl phenyl ether	ND (5)		
0. fluorene	ND (5)		
0. diethyl phthalate	ND (5)		
7. 1,2-diphenylhydrazine 2/	ND (5)		
2. N-nitrosodiphenylamine 3/	ND (5)		
9. hexachlorobenzene	ND (5)		
1. 4-bromophenyl phenyl ether	ND (5)		
1. phenanthrene 4/	ND (5)		
8. anthracene 4/	ND (5)		
8. di-n-butyl phthalate	ND (5)		
9. fluoranthene	ND (5)		
4. pyrene	ND (5)		
7. butyl benzyl phthalate	9.8		
5. benzidine	NA		
6. bis(2-ethylhexyl) phthalate	32		
6. chrysene 5/	ND(5)		
2. 1,2-benzanthracene 5/	ND(5)		
8. 3,3'-dichlorobenzidine	ND(5)		
9. di-n-octyl phthalate	ND(5)		
4. 3,4-benzofluoranthene 6/	NA		
5. 11,12-benzofluoranthene 6/	NA		
3. 3,4-benzopyrene	NA		
3. indeno (1,2,3-cd) pyrene	NA		
2. 1,2,5,6-dibenzanthracene	NA		
9. 1,12-benzoperylene	NA		
4. 2-chlorophenol	ND(5)		
7. 2-nitrophenol	ND(5)		
5a. phenol (GC/MS)	T<5		
4. 2,4-dimethylphenol	ND(5)		
1. 2,4-dichlorophenol	ND(5)		
1. 2,4,6-trichlorophenol	ND(5)		
2. parachlorometa cresol	ND(5)		
9. 2,4-dinitrophenol	ND(5)		
0. 4,6-dinitro-o-cresol	ND(5)		
4. pentachlorophenol	ND(5)		
8. 4-nitrophenol	ND(5)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-13-79
Louisville, Kentucky 0800

SAD NO.	79C0981		
SOURCE & STATION	A-1 First Pit Cut SEDIMENTS		
DATE/TIME	4-18-79 @ 0930		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	14		
C_3 Alkyl Benzene (2 isomers)	T<5		
C_4 Alkyl Benzene 1/ (5 isomers)	13		
C_5 Alkyl Benzene 1/	T<5		
Styrene 1/	T<5		
Methyl styrene 1/	T<5		
C_2 Alkylstyrene 1/ (2 isomers)	T<5		
α,α-Dimethylbenzenemethanol 1/	T<5		
Methyl Naphthalene	T<5		
Decanol 1/	T<5		
Biphenyl	22		
Phenylether	58		
Butyloctanol 1/	T<5		
Nonylphenol 1/	T<5		
C_8 Alkyl Phenol 1/	5.0		
Butylmethylphthalate 1/	T<5		
Butylmethylpropylphthalate 1/	T<5		
Methyl Phenol	T<5		
Hexanoic Acid 1/	T<5		
Octanoic Acid 1/	8.4		
Nonanoic Acid 1/	6.8		
Phthalic Acid 1/	7.3		
Benzoic Acid 1/	8.0		
Decanoic Acid 1/	5.0		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-13-79

SAD NO.	79C0981 (Continued)		
SOURCE & STATION	A-1 First Pit Cut SEDIMENTS		
DATE/TIME	4-18-79 @ 0930		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Dodecanoic Acid 1/	14		
Tetradecanoic Acid 1/	7.8		
Hexadecanoic Acid 1/	14		
Octadecenoic Acid 1/	94		
Octadecadienoic Acid 1/	55		

MDL - Minimum Detection Limit.
T - Trace.
ND - None Detected.

1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-13-79

SAD NO.	79C0982		
SOURCE & STATION	A-2 2nd Cut SEDIMENTS		
DATE/TIME	4-18-79 @ 0935		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration mg/kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(5)		
26. 1,3-dichlorobenzene	ND(5)		
27. 1,4-dichlorobenzene	ND(5)		
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(5)		
55. naphthalene	T<5		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND(5)		
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/	ND(5)		
9. hexachlorobenzene	ND(5)		
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	NA		
66. bis(2-ethylhexyl) phthalate	ND(5)		
76. chrysene 5/	ND(5)		
72. 1,2-benzanthracene 5/	ND(5)		
23. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
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)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W.Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-13-79

SAD NO.	79C0982		
SOURCE & STATION	A-2 2nd Cut SEDIMENTS		
DATE/TIME	4-18-79 @ 0935		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	11		
C_3 Alkyl Benzene (4 isomers)	11		
C_4 Alkyl Benzene 1/ (4 isomers)	12		
C_5 Alkyl Benzene 1/	T<5		
Trimethylbicycloheptanone 1/	T<5		
Butylmethylpropylphthalate 1/	T<5		
Hexadecanoic Acid 1/	T<5		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-13-79

SAD NO.	79C0983		
SOURCE & STATION	A-3 By ditch leading to Pond SEDIMENTS		
DATE/TIME	4-18-79 @ 0945		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(5)		
26. 1,3-dichlorobenzene	ND(5)		
27. 1,4-dichlorobenzene	ND(5)		
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(5)		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND(5)		
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/	ND(5)		
9. hexachlorobenzene	ND(5)		
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	NA		
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/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
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)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-13-79
~~Louisville, KY~~

SAD NO.	79C0983		
SOURCE & STATION	A-3 By ditch leading to Pond SEDIMENTS		
DATE/TIME	4-18-79 @ 0945		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	10		
C_3 Alkyl Benzene (3 isomers)	16		
C_4 Alkyl Benzene 1/ (4 isomers)	14		
C_2 Alkyl Styrene 1/	T<5		
C_5 Alkyl Styrene 1/	T<5		
Methylethylcyclohexenone 1/	5		
Ethylhexanol 1/	9		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT R. J. Taylor Site (Pit Samples)-Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-7-79

SAD NO.	79C0984		
SOURCE & STATION	A-3 by Ditch Leading to Pond LIQUIDS		
DATE/TIME	4-18-79 @ 0945		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (100)		
26. 1,3-dichlorobenzene	ND (100)		
27. 1,4-dichlorobenzene	ND (100)		
18. bis(2-chloroethyl) ether	ND (100)		
12. hexachloroethane	ND (100)		
42. bis(2-chloroisopropyl) ether	ND (100)		
63. N-nitrosodi-n-propylamine	ND (100)		
56. nitrobenzene	ND (100)		
52. hexachlorobutadiene	ND (100)		
8. 1,2,4-trichlorobenzene	ND (100)		
55. naphthalene	190		
43. bis(2-chloroethoxy) methane	ND (100)		
54. isophorone	ND (100)		
53. hexachlorocyclopentadiene	ND (100)		
20. 2-chloronaphthalene	ND (100)		
77. acenaphthylene	ND (100)		
1. acenaphthene	ND (100)		
71. dimethyl phthalate	ND (100)		
35. 2,4-dinitrotoluene	ND (100)		
36. 2,6-dinitrotoluene	ND (100)		
40. 4-chlorophenyl phenyl ether	ND (100)		
80. fluorene	ND (100)		
70. diethyl phthalate	ND (100)		
37. 1,2-diphenylhydrazine 2/	ND (100)		
62. N-nitrosodiphenylamine 3/	ND (100)		
9. hexachlorobenzene	ND (100)		
41. 4-bromophenyl phenyl ether	ND (100)		
81. phenanthrene 4/	ND (100)		
78. anthracene 4/	ND (100)		
68. di-n-butyl phthalate	ND (100)		
39. fluoranthene	ND (100)		
84. pyrene	ND (100)		
67. butyl benzyl phthalate	ND (100)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	ND (100)		
76. chrysene 5/	ND (100)		
72. 1,2-benzanthracene 5/	ND (100)		
28. 3,3'-dichlorobenzidine	ND (100)		
69. di-n-octyl phthalate	ND (100)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND (100)		
57. 2-nitrophenol	ND (100)		
65a. phenol (GC/MS)	230		
34. 2,4-dimethylphenol	ND (100)		
31. 2,4-dichlorophenol	ND (100)		
21. 2,4,6-trichlorophenol	ND (100)		
22. parachlorometa cresol	ND (100)		
59. 2,4-dinitrophenol	ND (100)		
60. 4,6-dinitro-o-cresol	ND (100)		
64. pentachlorophenol	ND (100)		
58. 4-nitrophenol	ND (100)		

(OVER)

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples)-Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 0800 COMPL'D. 6-7-79

SAD NO.	79C0984		
SOURCE & STATION	A-3 by Ditch Leading to Pond L1Q0105		
DATE/TIME	4-18-79 @ 0945		
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	6800		
Butoxy Propanol 1/	6200		
Heptanone 1/	1800		
C_3 Alkyl Benzene (4 isomers)	1800		
C_4 Alkyl Benzene 1/ (3 isomers)	850		
Trimethylcyclohexanone 1/	T<100		
α,α-Dimethyl Benzene Methanol 1/	400		
Tetrahydronaphthalene 1/	T<100		
Dimethyl Phenol	100		
Methyl Propenyloxyethoxypropanol 1/	6900		
Dibutoxypropanol 1/	440		
Propanediylbisoxybispropanol 1/	1900		
Tetraoxadodecane 1/	720		
Methylpropoxypropanol 1/	620		
Pentaoxapentadecane 1/	1200		
Methyl Propanoic Acid 1/	1200		
Butanoic Acid 1/	1100		
Methyl Butanoic Acid 1/	250		
Pentanoic Acid 1/	450		
Hexanoic Acid 1/	4500		
Ethyl Hexanoic Acid 1/	880		
Methyl Phenol	590		
Octanoic Acid 1/	2000		
Butoxy Butanoic Acid 1/	100		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace..
ND - None detected at greater than MDL.
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.

A. J. Taylor Site (Pit Samples) - Louisville, KY

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT Samples) - Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 0800 COMPL'D. 6/7/79

SAD NO.	79C0984 (Cont'd.)		
SOURCE & STATION	A-3 by Ditch Leading to Pond LIQUIDS		
DATE/TIME	4-18-79 @ 0945		
COMPOUND	Estimated Concentration (ug/1)	Estimated Concentration	Estimated Concentration
Benzoic Acid 1/	700		
Decanoic Acid 1/	100		
Methyl Benzoic Acid 1/	260		
Dimethyl Benzoic Acid 1/	140		
Benzene Propanoic Acid 1/	120		
Trimethyl Benzoic Acid 1/	100		
C_4 Alkyl Benzoic Acid 1/	130		
2 Unidentified Compounds	100-1000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

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EPA, SAD, RGN. IV
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PROJECT A. J. Taylor Site (Pit Samples)- Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/21/79

SAD NO.	79C0985		
SOURCE & STATION	A-4 LIQUIDS		
DATE/TIME	4-18-79 @ 1450		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (1000)		
26. 1,3-dichlorobenzene	ND (1000)		
27. 1,4-dichlorobenzene	ND (1000)		
18. bis(2-chloroethyl) ether	ND (1000)		
12. hexachloroethane	ND (1000)		
42. bis(2-chloroisopropyl) ether	ND (1000)		
63. N-nitrosodi-n-propylamine	ND (1000)		
56. nitrobenzene	ND (1000)		
52. hexachlorobutadiene	ND (1000)		
8. 1,2,4-trichlorobenzene	ND (1000)		
55. naphthalene	1200000		
43. bis(2-chloroethoxy) methane	ND (1000)		
54. isophorone	ND (1000)		
53. hexachlorocyclopentadiene	ND (1000)		
20. 2-chloronaphthalene	ND (1000)		
77. acenaphthylene	ND (1000)		
1. acenaphthene	180000		
71. dimethyl phthalate	ND (1000)		
35. 2,4-dinitrotoluene	ND (1000)		
36. 2,6-dinitrotoluene	ND (1000)		
40. 4-chlorophenyl phenyl ether	ND (1000)		
80. fluorene	16000		
70. diethyl phthalate	ND (1000)		
37. 1,2-diphenylhydrazine 2/	ND (1000)		
62. N-nitrosodiphenylamine 3/	ND (1000)		
9. hexachlorobenzene	ND (1000)		
41. 4-bromophenyl phenyl ether	ND (1000)		
81. phenanthrene 4/			
78. anthracene 4/	170000		
68. di-n-butyl phthalate	ND (1000)		
39. fluoranthene	100000		
84. pyrene	100000		
67. butyl benzyl phthalate	ND (1000)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	2900000		
76. chrysene 5/	ND (1000)		
72. 1,2-benzanthracene 5/	ND (1000)		
28. 3,3'-dichlorobenzidine	ND (1000)		
69. di-n-octyl phthalate	ND (1000)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND (1000)		
57. 2-nitrophenol	ND (1000)		
65a. phenol (GC/MS)	1400		
34. 2,4-dimethylphenol	ND (1000)		
31. 2,4-dichlorophenol	ND (1000)		
21. 2,4,6-trichlorophenol	ND (1000)		
22. parachlorometa cresol	ND (1000)		
59. 2,4-dinitrophenol	ND (1000)		
60. 4,6-dinitro-o-cresol	ND (1000)		
64. pentachlorophenol	ND (1000)		
58. 4-nitrophenol	ND (1000)		

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PROJECT A. J. Taylor Site (Pit Samples)- Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/21/79

SAD NO.	79C0985		
SOURCE & STATION	A-4 L19D105		
DATE/TIME	4-18-79 @ 1450		
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	11,000,000		
C_3 Alkyl Benzene (4 isomers)	10,000,000		
C_4 Alkyl Benzene (6 isomers)1/	7,500,000		
C_5 Alkyl Benzene (3 isomers)1/	1,500,000		
C_2 Alkyl Styrene (2 isomers)1/	850,000		
C_3 Alkyl Styrene (3 isomers)1/	300,000		
Methyl Naphthalene (2 isomers)	360,000		
Tributylester of Phosphoric Acid1/	100,000		
Hexanoic Acid1/	48,000		
C_2 Alkyl Naphthalene (3 isomers)	8,200		
C_3 Alkyl Naphthalene1/	2,000		
Heptanoic Acid1/	8,000		
Octanoic Acid1/	31,000		
Dibenzofuran1/	11,000		
Phthalic Acid1/	11,000		
Dibenzothiophene1/	6,000		
Methyl Phenanthrene1/	10,000		
Methylene Phenanthrene1/	10,000		
Phenyl Naphthalene1/	5,000		
Hexadecanoic Acid1/	46,000		
Dihydroxypropylester of Octadecadienoic Acid1/	10,000		
Carbazole	10,000		
Butanoic Acid1/	26,000		
Nonanoic Acid1/	2,400		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

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PROJECT A. J. Taylor Site (Pit Samples) - Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/21/79

SAD NO.	79C0985 (Continued)		
SOURCE & STATION	A-4 LIQUIDS		
DATE/TIME	4/18/79 @ 1450		
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
Benzoic Acid 1/	7,400		
Decanoic Acid 1/	2,500		
Benzenepropanoic Acid 1/	1,000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

DATA REPORTING SHEET - Sediment
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EPA, SAD, RGN. IV
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PROJECT A. J. Taylor Site (Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-19-79

SAD NO.	79C0986		
SOURCE & STATION	A-4 SEDIMENTS		
DATE/TIME	4-18-79 @ 1450		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(25)		
26. 1,3-dichlorobenzene	ND(25)		
27. 1,4-dichlorobenzene	ND(25)		
18. bis(2-chloroethyl) ether	ND(25)		
12. hexachloroethane	ND(25)		
42. bis(2-chloroisopropyl) ether	ND(25)		
63. N-nitrosodi-n-propylamine	ND(25)		
56. nitrobenzene	ND(25)		
52. hexachlorobutadiene	ND(25)		
8. 1,2,4-trichlorobenzene	ND(25)		
55. naphthalene	T<25		
43. bis(2-chloroethoxy) methane	ND(25)		
54. isophorone	T<25		
53. hexachlorocyclopentadiene	ND(25)		
20. 2-chloronaphthalene	ND(25)		
77. acenaphthylene	ND(25)		
1. acenaphthene	25		
71. dimethyl phthalate	ND(25)		
35. 2,4-dinitrotoluene	ND(25)		
36. 2,6-dinitrotoluene	ND(25)		
40. 4-chlorophenyl phenyl ether	ND(25)		
80. fluorene	T<25		
70. diethyl phthalate	ND(25)		
37. 1,2-diphenylhydrazine 2/	ND(25)		
62. N-nitrosodiphenylamine 3/	ND(25)		
9. hexachlorobenzene	ND(25)		
41. 4-bromophenyl phenyl ether	ND(25)		
81. phenanthrene 4/	34		
78. anthracene 4/			
68. di-n-butyl phthalate	ND(25)		
39. fluoranthene	T<25		
84. pyrene	T<25		
67. butyl benzyl phthalate	T<25		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	260		
76. chrysene 5/	ND(25)		
72. 1,2-benzanthracene 5/	ND(25)		
28. 3,3'-dichlorobenzidine	ND(25)		
69. di-n-octyl phthalate	ND(25)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(25)		
57. 2-nitrophenol	ND(25)		
65a. phenol (GC/MS)	ND(25)		
34. 2,4-dimethylphenol	ND(25)		
31. 2,4-dichlorophenol	ND(25)		
21. 2,4,6-trichlorophenol	ND(25)		
22. parachlorometa cresol	ND(25)		
59. 2,4-dinitrophenol	ND(25)		
60. 4,6-dinitro-o-cresol	ND(25)		
64. pentachlorophenol	ND(25)		
58. 4-nitrophenol	ND(25)		

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PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-19-79

SAD NO.	79C0986		
SOURCE & STATION	A-4 SEDIMENT		
DATE/TIME	4-18-79 @ 1450		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	25		
C_4 Alkyl Benzene 1/ (4 isomers)	91		
C_5 Alkyl Benzene 1/ (3 isomers)	T<25		
C_6 Alkyl Benzene 1/	45		
α,α -Dimethylbenzenemethanol 1/	25		
C_2 Alkyl Styrene 1/	T<25		
Methylnaphthalene (2 isomers)	T<25		
C_2 Alkylnaphthalene 1/ (2 isomers)	T<25		
Phthalic Acid 1/	60		
Dibenzofuran 1/	T<25		
Methyl Phenanthrene 1/	T<25		
Methylene Phenanthrene 1/	T<25		
Phenylethanone 1/	43		
Hexadecanoic Acid 1/	75		
2 Unidentified Compounds	50		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

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PROJECT A.J. Taylor Site (Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-18-79

SAD NO.	79C0987		
SOURCE & STATION	A-5 5th Hole SEDIMENTS		
DATE/TIME	4-18-79 @ 1430		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(25)		
26. 1,3-dichlorobenzene	ND(25)		
27. 1,4-dichlorobenzene	ND(25)		
18. bis(2-chloroethyl) ether	ND(25)		
12. hexachloroethane	ND(25)		
42. bis(2-chloroisopropyl) ether	ND(25)		
63. N-nitrosodi-n-propylamine	ND(25)		
56. nitrobenzene	ND(25)		
52. hexachlorobutadiene	ND(25)		
8. 1,2,4-trichlorobenzene	ND(25)		
55. naphthalene	T<25		
43. bis(2-chloroethoxy) methane	ND(25)		
54. isophorone	ND(25)		
53. hexachlorocyclopentadiene	ND(25)		
20. 2-chloronaphthalene	ND(25)		
77. acenaphthylene	ND(25)		
1. acenaphthene	T<25		
71. dimethyl phthalate	ND(25)		
35. 2,4-dinitrotoluene	ND(25)		
36. 2,6-dinitrotoluene	ND(25)		
40. 4-chlorophenyl phenyl ether	ND(25)		
80. fluorene	T<25		
70. diethyl phthalate	ND(25)		
37. 1,2-diphenylhydrazine 2/	ND(25)		
62. N-nitrosodiphenylamine 3/	ND(25)		
9. hexachlorobenzene	ND(25)		
41. 4-bromophenyl phenyl ether	ND(25)		
81. phenanthrene 4/	T<25		
78. anthracene 4/			
68. di-n-butyl phthalate	ND(25)		
39. fluoranthene	T<25		
84. pyrene	T<25		
67. butyl benzyl phthalate	ND(25)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	110		
76. chrysene 5/	ND(25)		
72. 1,2-benzanthracene 5/	ND(25)		
28. 3,3'-dichlorobenzidine	ND(25)		
69. di-n-octyl phthalate	ND(25)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(25)		
57. 2-nitrophenol	ND(25)		
65a. phenol (GC/MS)	ND(25)		
34. 2,4-dimethylphenol	T<25		
31. 2,4-dichlorophenol	ND(25)		
21. 2,4,6-trichlorophenol	ND(25)		
22. parachlorometa cresol	ND(25)		
59. 2,4-dinitrophenol	ND(25)		
60. 4,6-dinitro-o-cresol	ND(25)		
64. pentachlorophenol	ND(25)		
58. 4-nitrophenol	ND(25)		

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DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site (Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-18-79
Louisville, Kentucky

SAD NO.	79C0987		
SOURCE & STATION	A-5 5th Hole SEDIMENTS		
DATE/TIME	4-18-79 @ 1430		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	75		
Propylheptanol 1/	50		
Ethylhexanol 1/	T<25		
C_3 Alkyl Benzene (2 isomers)	T<25		
C_4 Alkyl Benzene 1/ (4 isomers)	33		
C_5 Alkyl Benzene 1/ (3 isomers)	T<25		
α,α-Dimethylbenzenemethanol 1/	T<25		
C_2 Alkyl Styrene 1/	T<25		
Phenylethanone 1/	T<25		
Methylnaphthalene	T<25		
C_2 Alkyl Naphthalene	T<25		
Phthalic Acid 1/	33		
Dibenzofuran 1/	T<25		
Tributylester of Phosphoric Acid 1/	T<25		
Methypropyl ester of Benzoic Acid 1/	T<25		
Butylmethylpropyl Phthalate 1/	T<25		
Methylene Phenanthrene 1/	T<25		
Bis (2-ethylhexyl) Phthalate 2/	110		
Pentanoic Acid 1/	T<25		
Methylheptanol 1/	T<25		
Benzoic Acid 1/	T<25		
Methylbenzoic Acid 1/	T<25		
Dodecanoic Acid 1/	T<25		
Tetradecanoic Acid 1/	T<25		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

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EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-18-79

SAD NO.	79C0987 (Continued)		
SOURCE & STATION	A-5 5th Hole SEDIMENTS		
DATE/TIME	4-18-79 @ 1430		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Hexadecanoic Acid 1/	64		
Hexadecenoic Acid 1/	81		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

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EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
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PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-21-79

SAD NO.	79C0988		
SOURCE & STATION	A-5 5th Hole L19U105		
DATE/TIME	4-18-79 @ 1430		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(1000)		
26. 1,3-dichlorobenzene	ND(1000)		
27. 1,4-dichlorobenzene	ND(1000)		
18. bis(2-chloroethyl) ether	ND(1000)		
12. hexachloroethane	ND(1000)		
42. bis(2-chloroisopropyl) ether	ND(1000)		
63. N-nitrosodi-n-propylamine	ND(1000)		
56. nitrobenzene	ND(1000)		
52. hexachlorobutadiene	ND(1000)		
8. 1,2,4-trichlorobenzene	ND(1000)		
55. naphthalene	T<1000		
43. bis(2-chloroethoxy) methane	ND(1000)		
54. isophorone	ND(1000)		
53. hexachlorocyclopentadiene	ND(1000)		
20. 2-chloronaphthalene	ND(1000)		
77. acenaphthylene	ND(1000)		
1. acenaphthene	ND(1000)		
71. dimethyl phthalate	T<1000		
35. 2,4-dinitrotoluene	ND(1000)		
36. 2,6-dinitrotoluene	ND(1000)		
40. 4-chlorophenyl phenyl ether	ND(1000)		
80. fluorene	ND(1000)		
70. diethyl phthalate	ND(1000)		
37. 1,2-diphenylhydrazine 2/	ND(1000)		
62. N-nitrosodiphenylamine 3/	ND(1000)		
9. hexachlorobenzene	ND(1000)		
41. 4-bromophenyl phenyl ether	ND(1000)		
81. phenanthrene 4/	ND(1000)		
78. anthracene 4/	ND(1000)		
68. di-n-butyl phthalate	ND(1000)		
39. fluoranthene	ND(1000)		
84. pyrene	ND(1000)		
67. butyl benzyl phthalate	ND(1000)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	3200		
76. chrysene 5/	ND(1000)		
72. 1,2-benzanthracene 5/	ND(1000)		
28. 3,3'-dichlorobenzidine	ND(1000)		
69. di-n-octyl phthalate	ND(1000)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(1000)		
57. 2-nitrophenol	ND(1000)		
65a. phenol (GC/MS)	T<1000		
34. 2,4-dimethylphenol	ND(1000)		
31. 2,4-dichlorophenol	ND(1000)		
21. 2,4,6-trichlorophenol	ND(1000)		
22. parachlorometa cresol	ND(1000)		
59. 2,4-dinitrophenol	ND(1000)		
60. 4,6-dinitro-o-cresol	ND(1000)		
64. pentachlorophenol	ND(1000)		
58. 4-nitrophenol	ND(1000)		

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DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-21-79
Louisville, Kentucky 0800

SAD NO.	79C0988		
SOURCE & STATION	A-5 5th Hole 110105		
DATE/TIME	4-18-79 @ 1430		
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	20,000		
Hexanol 1/	11,000		
Heptanol 1/	40,000		
Hydroxymethylpentanone 1/	92,000		
Ethoxyethanolacetate 1/	20,000		
C_3 Alkyl Benzene (2 isomers)	6,500		
Methyloxybispropane 1/	T<1000		
Hexanoic Acid 1/	130,000		
Benzenemethanol 1/	T<1000		
Trimethylcychlohexanone 1/	1,000		
α,α-Dimethylbenzenemethanol 1/	4,000		
C_4 Alkyl Benzene 1/	T<1000		
Methylbutanoic Acid 1/	4,000		
Ethylhexanoic Acid 1/	1,200		
Trimethylpentanediol 1/	2,000		
Octanoic Acid 1/	100,000		
Tetraoxadodecane 1/ (2 isomers)	27,000		
Butoxyethoxyethanol 1/	3,200		
Hydroxymethylbenzoic Acid 1/	T<1000		
Tributyl ester of Phosphoric Acid 1/	1,200		
Methylpropoxypropanol 1/	23,000		
Methylpropyl ester of Benzoic Acid 1/	T<1000		
Pentaoxapentadecane 1/ (2 isomers)	45,000		
Methylbenzenesulfonamide 1/	T<1000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

EPA, SAD, RGN. IV
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PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-21-79

SAD NO.	79C0988 (Continued)		
SOURCE & STATION	A-5 5th Hole LIQUIDS		
DATE/TIME	4-18-79 @ 1430		
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
(Ethoxymethoxy) Ethoxyethene 1/	5,200		
(Butoxyethoxy) ethoxyethanol 1/	1,300		
Ethyl ester of Formic Acid 1/	8,700		
Butanoic Acid 1/	27,000		
Heptanoic Acid 1/	12,000		
Benzoic Acid 1/	18,000		
Methylbenzoic Acid 1/ (2 isomers)	3,000		
Benzenepropanoic Acid 1/	T<1000		
Methyl Phenol	T<1000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site (Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-7-79
Louisville, Kentucky

SAD NO.	79C0989		
SOURCE & STATION	A-6 LIQUIDS		
DATE/TIME	4-18-79 @ 1500		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(100)		
26. 1,3-dichlorobenzene	ND(100)		
27. 1,4-dichlorobenzene	ND(100)		
18. bis(2-chloroethyl) ether	ND(100)		
12. hexachloroethane	ND(100)		
42. bis(2-chloroisopropyl) ether	ND(100)		
63. N-nitrosodi-n-propylamine	ND(100)		
56. nitrobenzene	ND(100)		
52. hexachlorobutadiene	ND(100)		
8. 1,2,4-trichlorobenzene	ND(100)		
55. naphthalene	100		
43. bis(2-chloroethoxy) methane	ND(100)		
54. isophorone	ND(100)		
53. hexachlorocyclopentadiene	ND(100)		
20. 2-chloronaphthalene	ND(100)		
77. acenaphthylene	ND(100)		
1. acenaphthene	ND(100)		
71. dimethyl phthalate	ND(100)		
35. 2,4-dinitrotoluene	ND(100)		
36. 2,6-dinitrotoluene	ND(100)		
40. 4-chlorophenyl phenyl ether	ND(100)		
30. fluorene	ND(100)		
70. diethyl phthalate	ND(100)		
37. 1,2-diphenylhydrazine 2/	ND(100)		
62. N-nitrosodiphenylamine 3/	ND(100)		
9. hexachlorobenzene	ND(100)		
41. 4-bromophenyl phenyl ether	ND(100)		
81. phenanthrene 4/	ND(100)		
78. anthracene 4/	ND(100)		
68. di-n-butyl phthalate	ND(100)		
39. fluoranthene	ND(100)		
84. pyrene	ND(100)		
67. butyl benzyl phthalate	ND(100)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	ND(100)		
76. chrysene 5/	ND(100)		
72. 1,2-benzanthracene 5/	ND(100)		
28. 3,3'-dichlorobenzidine	ND(100)		
69. di-n-octyl phthalate	ND(100)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(100)		
57. 2-nitrophenol	ND(100)		
65a. phenol (GC/MS)	190		
34. 2,4-dimethylphenol	ND(100)		
31. 2,4-dichlorophenol	ND(100)		
21. 2,4,6-trichlorophenol	ND(100)		
22. parachlorometa cresol	ND(100)		
59. 2,4-dinitrophenol	ND(100)		
60. 4,6-dinitro-o-cresol	ND(100)		
64. pentachlorophenol	ND(100)		
58. 4-nitrophenol	ND(100)		

(OVER)

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-7-79
Louisville, Kentucky

SAD NO.	79C0989		
SOURCE & STATION	A-6 LIQUID		
DATE/TIME	4-18-79 @ 1500		
COMPOUND	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	3800		
Butoxypropanol 1/	790		
C_3 Alkyl Benzene (4 isomers)	1200		
C_4 Alkyl Benzene 1/ (2 isomers)	240		
α,α-Dimethylbenzenemethanol 1/	470		
Dimethyl Phenol	200		
Methylpropenyloxyethoxypropanol 1/	4000		
C_4 Alkyl Phenol 1/	T<100		
Propane diylbisoxybispropanol 1/	1100		
Methylpropoxypropanol 1/	370		
Pentaoxapentadecane 1/	380		
Butanoic Acid 1/	T<100		
Pentanoic Acid 1/	130		
Methyl Phenol	100		
Ethylhexanoic Acid 1/	470		
Dibutoxypropanol 1/	100		
Butoxy Butanoic Acid 1/	130		
Phthalic Acid 1/	120		
Benzoic Acid 1/	T<100		
Methyl Benzoic Acid 1/ (2 isomers)	610		
Dimethyl Benzoic Acid 1/	240		
Benzene propanoic Acid 1/	T<100		
C_4 Alkyl Benzoic Acid 1/	1100		
3 Unidentified Compounds	100-1500		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-13-79

0800

SAD NO.	79C0990		
SOURCE & STATION	A-6 SEDIMENTS		
DATE/TIME	4-18-79 @ 1500		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(5)		
26. 1,3-dichlorobenzene	ND(5)		
27. 1,4-dichlorobenzene	ND(5)		
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(5)		
55. naphthalene	ND(5)		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND(5)		
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/	ND(5)		
9. hexachlorobenzene	ND(5)		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/	T<5		
78. anthracene 4/			
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	8.4		
84. pyrene	8.4		
67. butyl benzyl phthalate	ND(5)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	10		
76. chrysene 5/	T<5		
72. 1,2-benzanthracene 5/			
23. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
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)		

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DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Sample) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-13-79
Louisville, Kentucky 0800

SAD NO.	79C0990		
SOURCE & STATION	A-6 SEDIMENTS		
DATE/TIME	4-18-79 @ 1500		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Di-(methylpropyl) Phthalate 1/	T<5		
Methylene Phenanthrene 1/	T<5		
Benzofluorene 1/	T<5		
Benzo (GHJ) Fluoranthene 1/	T<5		
Dodecanoic Acid 1/	T<5		
Tetradecanoic Acid 1/	T<5		
Butylmethylpropyl Phthalate 1/	T<5		
Aroclor 1254	7/		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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/ - Quantitation reported for PCB's in May 14, 1979, report for the "Pit" samples from the A. J. Taylor site.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-21-79
Louisville, Kentucky 0800

SAD NO.	79C0991		
SOURCE & STATION	A-7 SEDIMENTS		
DATE/TIME	4-18-79 @ 1515		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(5)		
26. 1,3-dichlorobenzene	ND(5)		
27. 1,4-dichlorobenzene	ND(5)		
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(5)		
55. naphthalene	33		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND(5)		
20. 2-chloronaphthalene	ND(5)		
77. acenaphthylene	ND(5)		
1. acenaphthene	19		
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/	ND(5)		
9. hexachlorobenzene	ND(5)		
41. 4-bromophenyl phenyl ether	ND(5)		
81. phenanthrene 4/	28		
78. anthracene 4/			
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	10		
84. pyrene	5		
67. butyl benzyl phthalate	T<5		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	180		
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/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	ND(5)		
34. 2,4-dimethylphenol	T<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)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-21-79
Louisville, Kentucky 0800

SAD NO.	79C0991		
SOURCE & STATION	A-7 SEDIMENTS		
DATE/TIME	4-18-79 @ 1515		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	290		
C_3 Alkyl Benzene (3 isomers)	76		
C_4 Alkyl Benzene 1/ (6 isomers)	130		
C_5 Alkyl Benzene 1/ (2 isomers)	35		
Trimethylcyclohexenone 1/	10		
Styrene	22		
C_2 Alkyl Styrene 1/	24		
C_3 Alkyl Styrene 1/	T<5		
Dibutoxy Methanol 1/	14		
Methylnaphthalene (2 isomers)	17		
C_2 Alkyl Naphthalene (3 isomers)	11		
Phthalic Acid 1/	71		
Dibenzofuran 1/	T<5		
Fluorene 2/	6.0		
Methyl Phenanthrene 1/	T<5		
Methylene Phenanthrene 1/	T<5		
Butyl methylpropyl Phthalate 1/	T<5		
Acetyloxyphenylethanone 1/	T<5		
Dodecanoic Acid 1/	10		
Tetradecanoic Acid 1/	71		
Hexadecanoic Acid 1/	190		
Octadecanoic Acid 1/	45		
Octadecenoic Acid 1/	45		
6 Unidentified Compounds	5-50		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-8-79

SAD NO.	79C0992		
SOURCE & STATION	A-7 LIQUIDS		
DATE/TIME	4-18-79 @ 1515		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (100)		
26. 1,3-dichlorobenzene	ND (100)		
27. 1,4-dichlorobenzene	ND (100)		
18. bis(2-chloroethyl) ether	ND (100)		
12. hexachloroethane	ND (100)		
42. bis(2-chloroisopropyl) ether	ND (100)		
63. N-nitrosodi-n-propylamine	ND (100)		
56. nitrobenzene	ND (100)		
52. hexachlorobutadiene	ND (100)		
8. 1,2,4-trichlorobenzene	ND (100)		
55. naphthalene	200		
43. bis(2-chloroethoxy) methane	ND (100)		
54. isophorone	200		
53. hexachlorocyclopentadiene	ND (100)		
20. 2-chloronaphthalene	ND (100)		
77. acenaphthylene	ND (100)		
1. acenaphthene	ND (100)		
71. dimethyl phthalate	ND (100)		
35. 2,4-dinitrotoluene	ND (100)		
36. 2,6-dinitrotoluene	ND (100)		
40. 4-chlorophenyl phenyl ether	ND (100)		
80. fluorene	ND (100)		
70. diethyl phthalate	ND (100)		
37. 1,2-diphenylhydrazine 2/	ND (100)		
62. N-nitrosodiphenylamine 3/	ND (100)		
9. hexachlorobenzene	ND (100)		
41. 4-bromophenyl phenyl ether	ND (100)		
81. phenanthrene 4/	ND (100)		
78. anthracene 4/	ND (100)		
68. di-n-butyl phthalate	ND (100)		
39. fluoranthene	ND (100)		
84. pyrene	ND (100)		
67. butyl benzyl phthalate	ND (100)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	ND (100)		
76. chrysene 5/	ND (100)		
72. 1,2-benzanthracene 5/	ND (100)		
28. 3,3'-dichlorobenzidine	ND (100)		
69. di-n-octyl phthalate	ND (100)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND (100)		
57. 2-nitrophenol	ND (100)		
65a. phenol (GC/MS)	2200		
34. 2,4-dimethylphenol	ND (100)		
31. 2,4-dichlorophenol	ND (100)		
21. 2,4,6-trichlorophenol	ND (100)		
22. parachlorometa cresol	ND (100)		
59. 2,4-dinitrophenol	ND (100)		
60. 4,6-dinitro-o-cresol	ND (100)		
64. pentachlorophenol	ND (100)		
58. 4-nitrophenol	ND (100)		

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DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-8-79

SAD NO.	79C0992		
SOURCE & STATION	A-7 LIQUIDS		
DATE/TIME	4-18-79 @ 1515		
COMPOUND	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	15000		
Butoxypropanol 1/	4000		
Methylhydroxypontanone 1/	1100		
C_3 Alkyl Benzene (4 isomers)	2100		
C_4 Alkyl Benzene 1/	300		
Dibutoxy Methanol 1/	500		
Methyl Phenol	2000		
Alpha, alpha-Dimethylbenzene methanol 1/	1000		
Methyl (propenyloxy) ethoxy propanol 1/	19000		
C_2 Alkyl Phenol 1/	100		
Dibutoxy propanol 1/	860		
Propanediylbis (oxy) bis-propanol 1/	3500		
Chlorophenoxy propanol 1/	300		
Tetraoxadodecane 1/	6700		
Methyl Propoxy Propanol 1/	7300		
Pentaoxapentadecane (2 isomers) 1/	8800		
Methyl Propanoic Acid 1/	3100		
Butanoic Acid 1/	3100		
Hexanoic Acid 1/	11000		
Ethylhexanoic Acid 1/	1900		
Dibutylacetal Acetaldehyde 1/	2000		
Octanoic Acid 1/	4100		
Oxybis butane 1/	850		
Butoxybutanoic Acid 1/	480		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site (Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-8-79
Louisville, Kentucky

SAD NO.	79C0992 (Continued)		
SOURCE & STATION	A-7 LIQUIDS		
DATE/TIME	4-18-79 @1515		
COMPOUND	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
Benzoic Acid 1/	2000		
Decanoic Acid 1/	100		
Methyl benzoic acid (2 isomers) 1/	600		
Benzene acetic acid 1/	1000		
Benzene propanoic acid 1/	210		
Trimethyl benzoic acid 1/	100		
Dimethyl ethyl benzoic acid 1/	800		
18 Unidentified compounds	100-500		
3 Unidentified compounds	500-5000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-8-79
Louisville, Kentucky 0800

SAD NO.	79C0993		
SOURCE & STATION	A-8 LIQUIDS		
DATE/TIME	4-18-79 @1530		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(50)		
26. 1,3-dichlorobenzene	ND(50)		
27. 1,4-dichlorobenzene	ND(50)		
18. bis(2-chloroethyl) ether	ND(50)		
12. hexachloroethane	ND(50)		
42. bis(2-chloroisopropyl) ether	ND(50)		
63. N-nitrosodi-n-propylamine	ND(50)		
56. nitrobenzene	ND(50)		
52. hexachlorobutadiene	ND(50)		
8. 1,2,4-trichlorobenzene	ND(50)		
55. naphthalene	55		
43. bis(2-chloroethoxy) methane	ND(50)		
54. isophorone	ND(50)		
53. hexachlorocyclopentadiene	ND(50)		
20. 2-chloronaphthalene	ND(50)		
77. acenaphthylene	ND(50)		
1. acenaphthene	ND(50)		
71. dimethyl phthalate	ND(50)		
35. 2,4-dinitrotoluene	ND(50)		
36. 2,6-dinitrotoluene	ND(50)		
40. 4-chlorophenyl phenyl ether	ND(50)		
80. fluorene	ND(50)		
70. diethyl phthalate	ND(50)		
37. 1,2-diphenylhydrazine 2/	ND(50)		
62. N-nitrosodiphenylamine 3/	ND(50)		
9. hexachlorobenzene	ND(50)		
41. 4-bromophenyl phenyl ether	ND(50)		
81. phenanthrene 4/	ND(50)		
78. anthracene 4/	ND(50)		
68. di-n-butyl phthalate	ND(50)		
39. fluoranthene	ND(50)		
84. pyrene	ND(50)		
67. butyl benzyl phthalate	ND(50)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	ND(50)		
76. chrysene 5/	ND(50)		
72. 1,2-benzanthracene 5/	ND(50)		
28. 3,3'-dichlorobenzidine	ND(50)		
69. di-n-octyl phthalate	ND(50)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(50)		
57. 2-nitrophenol	ND(50)		
65a. phenol (GC/MS)	ND(50)		
34. 2,4-dimethylphenol	70		
31. 2,4-dichlorophenol	ND(50)		
21. 2,4,6-trichlorophenol	ND(50)		
22. parachlorometa cresol	ND(50)		
59. 2,4-dinitrophenol	ND(50)		
60. 4,6-dinitro-o-cresol	ND(50)		
64. pentachlorophenol	ND(50)		
58. 4-nitrophenol	ND(50)		

(OVER)

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-8-79
Louisville, Kentucky

SAD NO.	79C0993		
SOURCE & STATION	A-8 LIQUIDS		
DATE/TIME	4-18-79 @ 1530		
COMPOUND	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	23,000		
C_3 Alkyl Benzene (3 isomers)	700		
C_4 Alkyl Benzene 1/ (2 isomers)	160		
Methylnonanediol 1/	1000		
Trimethylbicycloheptanone 1/ (3 isomers)	700		
Methylethylidenebisphenol	190		
Phthalic Acid 1/	200		
Methylbenzoic Acid 1/	200		
C_2 Alkyl benzoic Acid 1/	370		
C_3 Alkyl benzoic Acid 1/ (3 isomers)	1300		
C_4 Alkyl benzoic Acid 1/	160		
5 Unidentified Compounds	200-2000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples) Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/7/79

SAD NO.	79C0994		
SOURCE & STATION	A-8 SEDIMENTS		
DATE/TIME	4/18/79 @ 1530		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND (5)		
26. 1,3-dichlorobenzene	ND (5)		
27. 1,4-dichlorobenzene	ND (5)		
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 (5)		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (5)		
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/	ND (5)		
9. hexachlorobenzene	ND (5)		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/	T<5		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	8.4		
84. pyrene	8.0		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	NA		
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/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND (5)		
57. 2-nitrophenol	ND (5)		
65a. phenol (GC/MS)	ND (5)		
34. 2,4-dimethylphenol	T<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	T<5		
58. 4-nitrophenol	ND (5)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples)- Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/7/79

SAD NO.	79C0994		
SOURCE & STATION	A-8 SEDIMENT		
DATE/TIME	4-18-79 @ 1530		
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Methylene phenanthrene 1/	T<5		
Methyl Pentenone 1/	T<5		
Benzoic Acid 1/	T<5		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 0800 COMPL'D. 6-18-79

SAD NO.	79C0995		
SOURCE & STATION	A-9 SEDIMENTS		
DATE/TIME	4-18-79 @ 1540		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(5)		
26. 1,3-dichlorobenzene	ND(5)		
27. 1,4-dichlorobenzene	ND(5)		
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(5)		
55. naphthalene	T<5		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND(5)		
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)		
30. fluorene	T<5		
70. diethyl phthalate	ND(5)		
37. 1,2-diphenylhydrazine 2/	ND(5)		
62. N-nitrosodiphenylamine 3/	ND(5)		
9. hexachlorobenzene	ND(5)		
41. 4-bromophenyl phenyl ether	ND(5)		
31. phenanthrene 4/	7.0		
78. anthracene 4/			
68. di-n-butyl phthalate	ND(5)		
39. fluoranthene	25		
34. pyrene	5		
67. butyl benzyl phthalate	5		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	62		
76. chrysene 5/	T<5		
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND(5)		
69. di-n-octyl phthalate	ND(5)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
33. indeno (1,2,3-cd) pyrene	NA		
32. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	T<5		
34. 2,4-dimethylphenol	T<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)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site (Pit Samples CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-18-79
Louisville, Kentucky 0800

SAD NO.	79C0995		
SOURCE & STATION	A-9 SEDIMENTS		
DATE/TIME	4-18-79 @ 1540		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	9.2		
C_4 Alkyl Benzene 1/ (6 isomers)	25		
α,α-Dimethylbenzenemethanol 1/	30		
Phenylethanone 1/	40		
C_2 Alkyl Styrene 1/	T<5		
C_3 Alkyl Styrene 1/	T<5		
Methylnaphthalene	T<5		
C_2 Alkylnaphthalene 1/ (3 isomers)	T<5		
Biphenyl	T<5		
Phenylether	T<5		
Phthalic Acid 1/	10		
Dibenzofuran 1/	T<5		
C_8 Alkyl Phenol	T<5		
Phenyl (methylphenyl) ethanedione 1/	55		
Butyl methylpropylphthalate 1/	T<5		
Methylphenanthrene 1/	T<5		
Methylene Phenanthrene 1/	T<5		
Octadecenoic Acid 1/	25		
Methylpentenone 1/	T<5		
C_2 Alkyl Phenol	T<5		
Ethylhexanoic Acid 1/	T<5		
Methyl ester of Ethylhexanoic Acid 1/	T<5		
C_6 Alkyl Benzene 1/	9.3		
C_4 Alkyl Phenol 1/	T<5		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site (Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-18-79
Louisville, Kentucky

SAD NO.	79C0995 (continued)		
SOURCE & STATION	A-9 SEDIMENTS		
DATE/TIME	4-18-79 @ 1540		
COMPOUND	Estimated Concentration Mg/Kg	Estimated Concentration	Estimated Concentration
Benzoic Acid 1/	T<5		
Nonanoic Acid 1/	T<5		
Dodecanoic Acid 1/	T<5		
Tridecanoic Acid 1/	T<5		
Tetradecanoic Acid 1/	13		
Pentadecanoic Acid 1/	T<5		
Hexadecanoic Acid 1/	49		
Octadecanoic Acid 1/	11		
Hexadecenoic Acid 1/	11		
Aroclor 1254	T<5		
4 Unidentified Compounds	10-50		
1 Unidentified Compound	50-100		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site (Pit Samples) Louisville, Kentucky CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-8-79

SAD NO.	79C0996		
SOURCE & STATION	A-9 L1QU105		
DATE/TIME	4-18-79 @ 1540		
Compounds on NRDC List of Priority Pollutants	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
17. bis(chlormethyl) ether	NA	NA	NA
61. N-nitrosodimethylamine	NA		
25. 1,2-dichlorobenzene	ND(5)		
26. 1,3-dichlorobenzene	ND(5)		
27. 1,4-dichlorobenzene	ND(5)		
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(5)		
55. naphthalene	130		
43. bis(2-chloroethoxy) methane	ND(5)		
54. isophorone	ND(5)		
53. hexachlorocyclopentadiene	ND(5)		
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/	ND(5)		
9. hexachlorobenzene	ND(5)		
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	NA		
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/	NA		
75. 11,12-benzofluoranthene 6/	NA		
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND(5)		
57. 2-nitrophenol	ND(5)		
65a. phenol (GC/MS)	9.6		
34. 2,4-dimethylphenol	68		
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	T<5		
58. 4-nitrophenol	ND(5)		

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DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A.J. Taylor Site(Pit Samples) CHEMIST E.W. Loy, Jr. REC'D. 4-20-79 COMPL'D. 6-8-69
Louisville, Kentucky

SAD NO.	79C0996		
SOURCE & STATION	A-9 LIQUIDS		
DATE/TIME	4-18-69 @ 1540		
COMPOUND	Estimated Concentration ug/l	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	3700		
C_3 alkyl benzene (3 isomers) 1/	870		
Butoxy propanol 1/	430		
α,α-dimethyl benzenemethanol 1/	660		
Trimethylbicycloheptanone (3 isomers) 1/	990		
Diisobutoxy methane 1/	11,000		
C_8 Alkyl Phenol 1/	170		
Methylethylidenebisphenol 1/	380		
Chlorocyclohexanol 1/	5.5		
Dichloropropanol 1/	10		
Pentanoic Acid 1/	T<5		
Methylphenol	T<5		
Ethylhexanoic Acid 1/	20		
Butoxybutanoic Acid 1/	110		
Phthalic Acid 1/	80		
Methylbenzoic acid (2 isomers) 1/	77		
C_2Alkyl Benzoic acid (3 isomers) 1/	590		
C_3 Alkyl Benzoic Acid (3 isomers) 1/	160		
C_4 Alkyl Benzoic Acid 1/	71		
Dimethyl benzenebutanoic Acid 1/	50		
Trichlorophenol	T<5		
17 *Unidentified Compounds*	5-100		
5 Unidentified Compounds	100-1,500		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples) CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/8/79
Louisville, KY

SAD NO.	79C-0997		
SOURCE & STATION	A-10 between 5 & 6 Holes LIQUIDS		
DATE/TIME	4/18/79 @ 1445		
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 (100)		
26. 1,3-dichlorobenzene	ND (100)		
27. 1,4-dichlorobenzene	ND (100)		
18. bis(2-chloroethyl) ether	ND (100)		
12. hexachloroethane	ND (100)		
42. bis(2-chloroisopropyl) ether	ND (100)		
63. N-nitrosodi-n-propylamine	ND (100)		
56. nitrobenzene	ND (100)		
52. hexachlorobutadiene	ND (100)		
8. 1,2,4-trichlorobenzene	ND (100)		
55. naphthalene	120		
43. bis(2-chloroethoxy) methane	ND (100)		
54. isophorone	ND (100)		
53. hexachlorocyclopentadiene	ND (100)		
20. 2-chloronaphthalene	ND (100)		
77. acenaphthylene	ND (100)		
1. acenaphthene	ND (100)		
71. dimethyl phthalate	ND (100)		
35. 2,4-dinitrotoluene	ND (100)		
36. 2,6-dinitrotoluene	ND (100)		
40. 4-chlorophenyl phenyl ether	ND (100)		
80. fluorene	ND (100)		
70. diethyl phthalate	ND (100)		
37. 1,2-diphenylhydrazine 2/	ND (100)		
62. N-nitrosodiphenylamine 3/	ND (100)		
9. hexachlorobenzene	ND (100)		
41. 4-bromophenyl phenyl ether	ND (100)		
81. phenanthrene 4/	ND (100)		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (100)		
39. fluoranthene	ND (100)		
84. pyrene	ND (100)		
67. butyl benzyl phthalate	ND (100)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	210		
76. chrysene 5/	ND (100)		
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (100)		
69. di-n-octyl phthalate	ND (100)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND (100)		
57. 2-nitrophenol	ND (100)		
65a. phenol (GC/MS)	710		
34. 2,4-dimethylphenol	300		
31. 2,4-dichlorophenol	ND (100)		
21. 2,4,6-trichlorophenol	ND (100)		
22. parachlorometa cresol	ND (100)		
59. 2,4-dinitrophenol	ND (100)		
60. 4,6-dinitro-o-cresol	ND (100)		
64. pentachlorophenol	ND (100)		
58. 4-nitrophenol	ND (100)		

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DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples) - Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/8/79

SAD NO.	79C0997		
SOURCE & STATION	A-10 between 5 & 6 Holes LIQUIDS		
DATE/TIME	4/18/79 @ 1445		
COMPOUND	Estimated Concentration (ug/l)	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	21,000		
Butoxy Propanol 1/	4,400		
C_3 Alkyl Benzene (2 isomers)	1,500		
C_4 Alkyl Benzene 1/ (4 isomers)	840		
Trimethylcyclohexanol 1/	290		
α,α-Dimethylbenzene methanol 1/	680		
Trimethylcyclohexanone 1/	340		
Methoxybutanol 1/	1,000		
Trimethylcyclohexenene methanol 1/	100		
C_2 Alkyl Phenol	350		
Methylpropenyloxyethoxypropanol 1/	4,800		
Trimethylbicycloheptanone 1/ (2 isomers)	640		
Propanediylbisoxybispropanol 1/	1,700		
Tetraoxadodecane 1/	460		
Pentaoxapentadecane 1/	920		
Methylpropoxypropanol 1/	690		
Methyl Propanoic Acid 1/	340		
Methylbutanoic Acid 1/	240		
Methyl Phenol (2 isomers)	450		
Methylpentanoic Acid 1/	100		
Ethylhexanoic Acid 1/	450		
Dibutoxypropanol 1/	100		
Propoxy Butane 1/	400		
Butoxybutanoic Acid 1/	220		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Water
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples) - Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/8/79

SAD NO.	79C0997 (continued)		
SOURCE & STATION	A-10 between 5 & 6 Holes LIQUIDS		
DATE/TIME	4/18/79 @ 1445		
COMPOUND	Estimated Concentration (ug/1)	Estimated Concentration	Estimated Concentration
Phthalic Acid 1/	190		
Benzoic Acid 1/	170		
Methylbenzoic Acid 1/ (2 isomers)	610		
Methoxyethylbenzene 1/	290		
Benzene Propanoic Acid 1/	210		
C_2 Alkyl Benzoic Acid 1/	T<100		
C_3 Alkyl Benzoic Acid 1/	100		
C_4 Alkyl Benzoic Acid 1/	410		
2 Unidentified Compounds	100-1000		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
1/ - Tentative Identification.
2/ - On NRDC List of Priority Pollutants.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples) Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/21/79

SAD NO.	79C0998		
SOURCE & STATION	A-10 between 5 & 6 Holes SEDIMENTS		
DATE/TIME	4-18-79 @ 1445		
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 (10)		
26. 1,3-dichlorobenzene	ND (10)		
27. 1,4-dichlorobenzene	ND (10)		
18. bis(2-chloroethyl) ether	ND (10)		
12. hexachloroethane	ND (10)		
42. bis(2-chloroisopropyl) ether	ND (10)		
63. N-nitrosodi-n-propylamine	ND (10)		
56. nitrobenzene	ND (10)		
52. hexachlorobutadiene	ND (10)		
8. 1,2,4-trichlorobenzene	ND (10)		
55. naphthalene	33		
43. bis(2-chloroethoxy) methane	ND (10)		
54. isophorone	ND (10)		
53. hexachlorocyclopentadiene	ND (10)		
20. 2-chloronaphthalene	ND (10)		
77. acenaphthylene	ND (10)		
1. acenaphthene	ND (10)		
71. dimethyl phthalate	T<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/	ND (10)		
9. hexachlorobenzene	ND (10)		
41. 4-bromophenyl phenyl ether	ND (10)		
81. phenanthrene 4/	15		
78. anthracene 4/			
68. di-n-butyl phthalate	10		
39. fluoranthene	50		
84. pyrene	130		
67. butyl benzyl phthalate	ND (10)		
5. benzidine	NA		
66. bis(2-ethylhexyl) phthalate	110		
76. chrysene 5/	ND (10)		
72. 1,2-benzanthracene 5/			
28. 3,3'-dichlorobenzidine	ND (10)		
69. di-n-octyl phthalate	ND (10)		
74. 3,4-benzofluoranthene 6/	NA		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
24. 2-chlorophenol	ND (10)		
57. 2-nitrophenol	ND (10)		
65a. phenol (GC/MS)	T<10		
34. 2,4-dimethylphenol	T<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)		

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site (Pit Samples) - Louisville, KY CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/21/79

SAD NO.	79C0998		
SOURCE & STATION	A-10 between 5 & 6 Holes SEDIMENTS		
DATE/TIME	4-18-79 @ 1445		
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Xylene (2 isomers)	330		
C_3 Alkyl Benzene (3 isomers)	140		
C_4 Alkyl Benzene 1/ (5 isomers)	200		
C_5 Alkyl Benzene 1/ (2 isomers)	45		
Trimethylcyclohexenone 1/	60		
Methylstyrene 1/	50		
C_2 Alkylstyrene 1/	25		
Methyl (propenyloxy) ethoxypropanol 1/	190		
Methyl Naphthalene	12		
Phenylether	14		
Propanediylbis(oxy)bispropanol 1/	92		
Phthalic Acid 1/	130		
Butylmethyl Phthalate 1/	20		
C_2 Alkyl Phenol	17		
Benzoic Acid 1/	20		
Dodecanoic Acid 1/	24		
Hexadecanoic Acid 1/	800		
Tetradecanoic Acid 1/	150		
Octadecanoic Acid 1/	280		
Octadecadienoic Acid 1/	230		
Octadecenal 1/	280		
Dihydroxypropyl Ester of Octadecenoic Acid 1/	13		
Dihydroxypropyl Ester of Octadecadienoic Acid 1/	50		
6 Unidentified Compounds	10-50		
6 Unidentified Compounds	50-500		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 5/7/79

SAD NO.	79C-0999		
SOURCE & STATION	WC-C2 Wilson Creek Control	SEDIMENTS	
DATE/TIME	4-18-79 @ 1600		
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 (5)		
26. 1,3-dichlorobenzene	ND (5)		
27. 1,4-dichlorobenzene	ND (5)		
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 (5)		
55. naphthalene	ND (5)		
43. bis(2-chloroethoxy) methane	ND (5)		
54. isophorone	ND (5)		
53. hexachlorocyclopentadiene	ND (5)		
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/	ND (5)		
9. hexachlorobenzene	ND (5)		
41. 4-bromophenyl phenyl ether	ND (5)		
81. phenanthrene 4/	ND (5)		
78. anthracene 4/			
68. di-n-butyl phthalate	ND (5)		
39. fluoranthene	T<5		
84. pyrene	T<5		
67. butyl benzyl phthalate	ND (5)		
5. benzidine	NA		
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/	NA		
75. 11,12-benzofluoranthene 6/			
73. 3,4-benzopyrene	NA		
83. indeno (1,2,3-cd) pyrene	NA		
82. 1,2,5,6-dibenzanthracene	NA		
79. 1,12-benzoperylene	NA		
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)		

(OVER)

DATA REPORTING SHEET - Sediment
EXTRACTABLE ORGANIC ANALYSIS

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

PROJECT A. J. Taylor Site
Louisville, KY

CHEMIST E. W. Loy, Jr. REC'D. 4/20/79 COMPL'D. 6/7/79

SAD NO.	79C0999		
SOURCE & STATION	WC-C2 Wilson Creek Control	SEDIMENTS	
DATE/TIME	4-18-79 @ 1600		
COMPOUND	Estimated Concentration (mg/kg)	Estimated Concentration	Estimated Concentration
Methylpropylester of Acetic Acid 1/	T<5		
Ethanedioldiacetate 1/	T<5		
Oxybisethanoldiacetate 1/	T<5		
Methyloctenone 1/	13		
Benzoic Acid 1/	T<5		
Methylheptadienone 1/	T<5		
Butylmethypropyl Phthalate 1/	T<5		
Tetradecanoic Acid 1/	T<5		
Hexadecanoic Acid 1/	T<5		

MDL - Minimum Detection Limit, (number in parenthesis).
T - Trace.
ND - None detected at greater than MDL.
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.