Environment 1, Incorporated

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

Carmen Johnson
Fac/Perm/Co ID # 96-01 | Date 7/25/12 | Doc ID# DIN

APR 1998
Received
Solid Waste Section

April 10, 1998

Mr. Larry Rose
Solid Waste Section
Solid Waste Management Division
P.O. Box 27687
Raleigh, NC 27611-7687

Dear Mr. Rose:

Enclosed herewith are the results for samples collected on 03/12/98 at the closed Wayne County facility located in Dudley. As we discussed earlier by telephone, we collected an a Appendix II set less the metals that had been collected on 02/11/98. If you have any questions please give me a call.

Best regards,

Steve Jones

96-01

Fac/Perm/Co ID #	Date	Doc ID#
	/ /	DIN

Wayne Co - Dudley 3-12-98

App II (less metals previously collected)

MW-1	Bis-(2-ethylhexyl) Phthalate	34		App II
MW-2	1,1-DCA	5.5	conductivity 1200	
	Chlorobenzene	28		
MW-3	Bis-(2-ethylhexyl) phthalate	33		App II
MW-4	Ok			
MW-5	Ok			
MW-6	Chlorobenzene	5.9		
	Ethylbenzene	8.3		
	Xylenes	89		
	1,4-DCB	7.2		
MW-7	Ok			
MW-8	Chlorobenzene	26		
	1,4-DCB	32		
	Hg	1.2		App II

- need gw flow rate & direction
- need statistics

Naphthalene MW-6

Bis MW-1 → MW-3

Hg MW-8

	3/12/98	2/20/96	7/18/95
1	App II		~~App II~~
3	App II		App II
6	App II	App II ~~detect~~ detect	App II ~~detect~~
8	App II	App II ~~detect~~ detect	App II

Dates sampled for:

MW-6	naphthalene	-	3/12/98	2/20/96	7/18/95
MW-3	Bis	-	3/12/98		7/18/95
MW-1	Bis	-	3/12/98		
MW-8	Hg	-	3/12/98	2/20/96	7/18/95

96-01

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Drinking Water ID: 37715
Wastewater ID: 10

ID#: 6043

WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY ,NC 28333

DATE COLLECTED: 03/12/98
DATE REPORTED : 04/09/98

REVIEWED BY:

PARAMETERS	Well #1	Well #2	Well #3	Well #4	Well #5	Analysis Date	Analyst	Method Code
PH (field measurement), Units	4.8	6.4	4.2	4.0	5.0	03/12/98	RJH	EPA150.1
Total Cyanide, mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	03/16/98	SWL	SM4500-CNB
Mercury, mg/l	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	03/17/98	WTH	EPA7470
Tin, mg/l	<0.100	<0.100	<0.100	<0.100	<0.100	03/31/98	WSW	EPA282.2
Sulfide, mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	03/13/98	WSW	SM4500-S2D
Conductivity (at 25c), uMhos	20	1200	26	220	36	03/16/98	JMH	SM2510B
Temperature, °C	15	11	15	13	14	03/12/98	RJH	SM2550B
Static Water Level, Feet	9.56	4.02	0.00	5.85	3.57	03/12/98	RJH	
Well Depth, feet	26.61	16.71	17.43	19.41	18.82	03/12/98	RJH	

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ID#: 6043

WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY ,NC 28333

DATE COLLECTED: 03/12/98
DATE REPORTED : 04/09/98

REVIEWED BY:

PARAMETERS	Well #6	Well #7	Well #8	Equipment Blank	Trip Blank	Analysis Date	Analyst	Method Code
PH (field measurement), Units	5.4	4.4	4.4			03/12/98	RJH	EPA150.1
Total Cyanide, mg/l	<0.005	<0.005	<0.005	<0.005		03/16/98	SWL	SM4500-CNB
Mercury, mg/l	<0.0005	<0.0005	0.0012	<0.0005		03/17/98	WTH	EPA7470
Tin, mg/l	<0.100	<0.100	<0.100	<0.100		03/31/98	WSW	EPA282.2
Sulfide, mg/l	<1.0	<1.0	<1.0	<1.0		03/13/98	WSW	SM4500-S2D
Conductivity (at 25c), uMhos	210	52	100			03/16/98	JMH	SM2510B
Temperature, °C	11	12	15			03/12/98	RJH	SM2550B
Static Water Level, Feet	4.78	3.66	16.25			03/12/98	RJH	
Well Depth, feet	18.96	19.72	29.78			03/12/98	RJH	

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CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE REPORTED: 04/09/98

REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8260

Date Analyzed: / PARAMETERS, ug/l	03/19/98 Well #1	03/19/98 Well #2	03/17/98 Well #3	03/17/98 Well #4	03/19/98 Well #5
1. Chloromethane	<10	<10	<10	<10	<10
2. Vinyl Chloride	<10	<10	<10	<10	<10
3. Bromomethane	<10	<10	<10	<10	<10
4. Chloroethane	<10	<10	<10	<10	<10
5. Trichlorofluoromethane	<5	<5	<5	<5	<5
6. 1,1-Dichloroethene	<5	<5	<5	<5	<5
7. Acetone	<100	<100	<100	<100	<100
8. Iodomethane	<10	<10	<10	<10	<10
9. Carbon Disulfide	<100	<100	<100	<100	<100
10. Methylene Chloride	<10	<10	<10	<10	<10
11. trans-1,2-Dichloroethene	<5	<5	<5	<5	<5
12. 1,1-Dichloroethane	<5	5.5	<5	<5	<5
13. Vinyl Acetate	<50	<50	<50	<50	<50
14. Cis-1,2-Dichloroethene	<5	<5	<5	<5	<5
15. 2-Butanone	<100	<100	<100	<100	<100
16. Bromochloromethane	<5	<5	<5	<5	<5
17. Chloroform	<5	<5	<5	<5	<5
18. 1,1,1-Trichloroethane	<5	<5	<5	<5	<5
19. Carbon Tetrachloride	<5	<5	<5	<5	<5
20. Benzene	<5	<5	<5	<5	<5
21. 1,2-Dichloroethane	<5	<5	<5	<5	<5
22. Trichloroethene	<5	<5	<5	<5	<5
23. 1,2-Dichloropropane	<5	<5	<5	<5	<5
24. Bromodichloromethane	<5	<5	<5	<5	<5
25. Cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
26. 4-Methyl-2-Pentanone	<50	<50	<50	<50	<50
27. Toluene	<5	<5	<5	<5	<5
28. trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
29. 1,1,2-Trichloroethane	<5	<5	<5	<5	<5
30. Tetrachloroethene	<5	<5	<5	<5	<5
31. 2-Hexanone	<50	<50	<50	<50	<50
32. Dibromochloromethane	<5	<5	<5	<5	<5
33. 1,2-Dibromomethane	<5	<5	<5	<5	<5
34. Chlorobenzene	<5	28	<5	<5	<5
35. 1,1,1,2-Tetrachloroethane	<5	<5	<5	<5	<5
36. Ethylbenzene	<5	<5	<5	<5	<5
37. Xylenes	<5	<5	<5	<5	<5
38. Dibromomethane	<10	<10	<10	<10	<10
39. Styrene	<5	<5	<5	<5	<5
40. Bromoform	<5	<5	<5	<5	<5
41. 1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
42. 1,2,3-Trichloropropane	<15	<15	<15	<15	<15
43. 1,4-Dichlorobenzene	<5	<5	<5	<5	<5
44. 1,2-Dichlorobenzene	<5	<5	<5	<5	<5
45. 1,2-Dibromo-3-Chloropropane	<25	<25	<25	<25	<25
46. Acrylonitrile	<200	<200	<200	<200	<200
47. trans-1,4-Dichloro-2-Butene	<100	<100	<100	<100	<100

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Drinking Water ID: 37715
Wastewater ID: 10

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CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE REPORTED: 04/09/98

REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8260

PARAMETERS, ug/l — Date Analyzed:	03/19/98 Well #1	03/19/98 Well #2	03/17/98 Well #3	03/17/98 Well #4	03/19/98 Well #5
48. Acrolein	<100	<100	<100	<100	<100
49. Allyl Chloride	<10	<10	<10	<10	<10
50. Chloroprene	<20	<20	<20	<20	<20
51. 1,3-Dichlorobenzene	<5	<5	<5	<5	<5
52. Dichlorodifluoromethane	<5	<5	<5	<5	<5
53. 1,3-Dichloropropane	<5	<5	<5	<5	<5
54. 2,2-Dichloropropane	<15	<15	<15	<15	<15
55. 1,1-Dichloropropene	<5	<5	<5	<5	<5
56. Ethyl Methacrylate	<10	<10	<10	<10	<10
57. Hexachlorobutadine	<10	<10	<10	<10	<10
58. Isobutyl Alcohol	<100	<100	<100	<100	<100
59. Methacrylonitrile	<100	<100	<100	<100	<100
60. Methyl Metecrylate	<30	<30	<30	<30	<30
61. Naphthalene	<5	<5	<5	<5	<5
62. Propionitrile	<150	<150	<150	<150	<150
63. 1,2,4-Trichlorobenzene	<10	<10	<10	<10	<10
64. Acetonitrile	<100	<100	<100	<100	<100

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REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8260

Date Analyzed: / PARAMETERS, ug/l	03/17/98 Well #6	03/19/98 Well #7	03/19/98 Well #8	03/19/98 Equipment Blank	03/19/98 Trip Blank
1. Chloromethane	<10	<10	<10	<10	<10
2. Vinyl Chloride	<10	<10	<10	<10	<10
3. Bromomethane	<10	<10	<10	<10	<10
4. Chloroethane	<10	<10	<10	<10	<10
5. Trichlorofluoromethane	<5	<5	<5	<5	<5
6. 1,1-Dichloroethene	<5	<5	<5	<5	<5
7. Acetone	<100	<100	<100	<100	<100
8. Iodomethane	<10	<10	<10	<10	<10
9. Carbon Disulfide	<100	<100	<100	<100	<100
10. Methylene Chloride	<10	<10	<10	<10	<10
11. trans-1,2-Dichloroethene	<5	<5	<5	<5	<5
12. 1,1-Dichloroethane	<5	<5	<5	<5	<5
13. Vinyl Acetate	<50	<50	<50	<50	<50
14. Cis-1,2-Dichloroethene	<5	<5	<5	<5	<5
15. 2-Butanone	<100	<100	<100	<100	<100
16. Bromochloromethane	<5	<5	<5	<5	<5
17. Chloroform	<5	<5	<5	<5	<5
18. 1,1,1-Trichloroethane	<5	<5	<5	<5	<5
19. Carbon Tetrachloride	<5	<5	<5	<5	<5
20. Benzene	<5	<5	<5	<5	<5
21. 1,2-Dichloroethane	<5	<5	<5	<5	<5
22. Trichloroethene	<5	<5	<5	<5	<5
23. 1,2-Dichloropropane	<5	<5	<5	<5	<5
24. Bromodichloromethane	<5	<5	<5	<5	<5
25. Cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
26. 4-Methyl-2-Pentanone	<50	<50	<50	<50	<50
27. Toluene	<5	<5	<5	<5	<5
28. trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
29. 1,1,2-Trichloroethane	<5	<5	<5	<5	<5
30. Tetrachloroethene	<5	<5	<5	<5	<5
31. 2-Hexanone	<50	<50	<50	<50	<50
32. Dibromochloromethane	<5	<5	<5	<5	<5
33. 1,2-Dibromomethane	<5	<5	<5	<5	<5
34. Chlorobenzene	5.9	<5	26	<5	<5
35. 1,1,1,2-Tetrachloroethane	<5	<5	<5	<5	<5
36. Ethylbenzene	8.3	<5	<5	<5	<5
37. Xylenes	89	<5	<5	<5	<5
38. Dibromomethane	<10	<10	<10	<10	<10
39. Styrene	<5	<5	<5	<5	<5
40. Bromoform	<5	<5	<5	<5	<5
41. 1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
42. 1,2,3-Trichloropropane	<15	<15	<15	<15	<15
43. 1,4-Dichlorobenzene	7.2	<5	32	<5	<5
44. 1,2-Dichlorobenzene	<5	<5	<5	<5	<5
45. 1,2-Dibromo-3-Chloropropane	<25	<25	<25	<25	<25
46. Acrylonitrile	<200	<200	<200	<200	<200
47. trans-1,4-Dichloro-2-Butene	<100	<100	<100	<100	<100

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
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CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE REPORTED: 04/09/98

REVIEWED BY: _____

LANDFILL APPENDIX II
EPA METHOD 8260

PARAMETERS, ug/l — Date Analyzed:	03/17/98 Well #6	03/19/98 Well #7	03/19/98 Well #8	03/19/98 Equipment Blank	03/19/98 Trip Blank
48. Acrolein	<100	<100	<100	<100	<100
49. Allyl Chloride	<10	<10	<10	<10	<10
50. Chloroprene	<20	<20	<20	<20	<20
51. 1,3-Dichlorobenzene	<5	<5	<5	<5	<5
52. Dichlorodifluoromethane	<5	<5	<5	<5	<5
53. 1,3-Dichloropropane	<5	<5	<5	<5	<5
54. 2,2-Dichloropropane	<15	<15	<15	<15	<15
55. 1,1-Dichloropropene	<5	<5	<5	<5	<5
56. Ethyl Methacrylate	<10	<10	<10	<10	<10
57. Hexachlorobutadine	<10	<10	<10	<10	<10
58. Isobutyl Alcohol	<100	<100	<100	<100	<100
59. Methacrylonitrile	<100	<100	<100	<100	<100
60. Methyl Metecrylate	<30	<30	<30	<30	<30
61. Naphthalene	<5	<5	<5	<5	<5
62. Propionitrile	<150	<150	<150	<150	<150
63. 1,2,4-Trichlorobenzene	<10	<10	<10	<10	<10
64. Acetonitrile	<100	<100	<100	<100	<100

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DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE ANALYZED: 04/02/98
DATE REPORTED: 04/09/98

REVIEWED BY:

SEMI-VOLATILE ORGANICS
EPA METHOD 8270

PARAMETERS, ug/l	Well #1	Well #2	Well #3	Well #4	Well #5
1. Acenaphthene	<10	<10	<10	<10	<10
2. Acenaphthylene	<10	<10	<10	<10	<10
3. Anthracene	<10	<10	<10	<10	<10
4. Benzo[a]antrhacene	<10	<10	<10	<10	<10
5. Benzo[b]fluoranthene	<10	<10	<10	<10	<10
6. Benzo[k]fluoranthene	<10	<10	<10	<10	<10
7. Benzo[g,h,i]perylene	<10	<10	<10	<10	<10
8. Benzo[a]pyrene	<10	<10	<10	<10	<10
9. 4-Bromophenyl Phenyl Ether	<10	<10	<10	<10	<10
10. Butyl Benzyl Phthalate	<10	<10	<10	<10	<10
11. Bis-(2-Chloroethoxy) Methane	<10	<10	<10	<10	<10
12. Bis-(2-Chloroethyl) Ether	<10	<10	<10	<10	<10
13. Bis-(2-Chloroisopropyl) Ether	<10	<10	<10	<10	<10
14. 2-Chloronaphthalene	<10	<10	<10	<10	<10
15. 4-Chlorophenyl Phenyl Ether	<10	<10	<10	<10	<10
16. Crysene	<10	<10	<10	<10	<10
17. Dibenz[a,h]anthracene	<10	<10	<10	<10	<10
18. Di-N-Butyl Phthalate	<10	<10	<10	<10	<10
19. Dimethyl Phthalate	<10	<10	<10	<10	<10
20. Diethyl Phthalate	<10	<10	<10	<10	<10
21. 2,4-Dinitrotoluene	<10	<10	<10	<10	<10
22. 2,6-Dinitrotoluene	<10	<10	<10	<10	<10
23. Di-N-Octyl Phthalate	<10	<10	<10	<10	<10
24. Bis-(2-Ethylhexyl) Phthalate	34	<20	33	<20	<20
25. Fluoranthene	<10	<10	<10	<10	<10
26. Fluorene	<10	<10	<10	<10	<10
27. Hexachlorobenzene	<10	<10	<10	<10	<10
28. Hexachlorocyclopentadiene	<10	<10	<10	<10	<10
29. Indeno[1,2,3-Cd]pyrene	<10	<10	<10	<10	<10
30. Isophorone	<10	<10	<10	<10	<10
31. Nitrobenzene	<10	<10	<10	<10	<10
32. N-Nitrosodimethylamine	<10	<10	<10	<10	<10
33. N-Nitrosodiphenylamine	<10	<10	<10	<10	<10
34. N-Nitrosodi-N-Propylamine	<10	<10	<10	<10	<10
35. Phenanthrene	<10	<10	<10	<10	<10
36. Pyrene	<10	<10	<10	<10	<10
37. 4-Chloro-3-Methylphenol	<20	<20	<20	<20	<20
38. 2-Chlorophenol	<10	<10	<10	<10	<10
39. O-Cresol	<10	<10	<10	<10	<10
40. P-Cresol	<10	<10	<10	<10	<10
41. 2,4-Dichlorophenol	<10	<10	<10	<10	<10
42. 2,6-Dichlorophenol	<10	<10	<10	<10	<10
43. 2,4-Dimethylphenol	<10	<10	<10	<10	<10
44. 4,6-Dinitro-2-Methylphenol	<50	<50	<50	<50	<50
45. 2,4-Dinitrophenol	<50	<50	<50	<50	<50
46. Ethyl Methanesulfonate	<10	<10	<10	<10	<10
47. Methyl Methanesulfonate	<10	<10	<10	<10	<10
48. 2-Nitrophenol	<10	<10	<10	<10	<10

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

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MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE ANALYZED: 04/02/98
DATE REPORTED: 04/09/98

REVIEWED BY: _____

SEMI-VOLATILE ORGANICS
EPA METHOD 8270

PARAMETERS, ug/l	Well #1	Well #2	Well #3	Well #4	Well #5
49. 4-Nitrophenol	<50	<50	<50	<50	<50
50. Pentachlorophenol	<50	<50	<50	<50	<50
51. Phenol	<10	<10	<10	<10	<10
52. 2,3,4,6-Tetrachlorophenol	<10	<10	<10	<10	<10
53. 2,4,5-Trichlorophenol	<10	<10	<10	<10	<10
54. 2,4,6-Trichlorophenol	<10	<10	<10	<10	<10
55. Acetophenone	<10	<10	<10	<10	<10
56. 2-Acetylaminofluorene	<20	<20	<20	<20	<20
57. 4-Aminobiphenyl	<20	<20	<20	<20	<20
58. Benzyl Alcohol	<20	<20	<20	<20	<20
59. 4-Chloroaniline	<20	<20	<20	<20	<20
60. Chlorobenzilate	<10	<10	<10	<10	<10
61. Diallate	<10	<10	<10	<10	<10
62. Dibenzofuran	<10	<10	<10	<10	<10
63. 3,3-Dichlorobenzidine	<20	<20	<20	<20	<20
64. Dimethoate	<20	<20	<20	<20	<20
65. P-Dimethylaminoazobenzene	<10	<10	<10	<10	<10
66. 7,12-Dimethylbenz[a]anthracene	<10	<10	<10	<10	<10
67. 3,3-Dimethylbenzadine	<10	<10	<10	<10	<10
68. 1,3-Dinitrobenzene	<20	<20	<20	<20	<20
69. Diphenylamine	<10	<10	<10	<10	<10
70. Disulfoton	<10	<10	<10	<10	<10
71. Famphur	<20	<20	<20	<20	<20
72. Hexachloropropene	<10	<10	<10	<10	<10
73. Isosafrole	<10	<10	<10	<10	<10
74. Kepone	<20	<20	<20	<20	<20
75. Methapryilene	<100	<100	<100	<100	<100
76. 3-Methylchloroanthrene	<10	<10	<10	<10	<10
77. 2-Methylnaphthalene	<10	<10	<10	<10	<10
78. Methyl Parathion	<10	<10	<10	<10	<10
79. m-Cresol	<10	<10	<10	<10	<10
80. 1,4-Naphthoquinone	<10	<10	<10	<10	<10
81. 1-Naphthylamine	<10	<10	<10	<10	<10
82. 2-Naphthylamine	<10	<10	<10	<10	<10
83. 2-Nitroaniline	<50	<50	<50	<50	<50
84. 3-Nitroaniline	<50	<50	<50	<50	<50
85. 4-Nitroaniline	<20	<20	<20	<20	<20
86. 5-Nitro-O-Toluidine	<10	<10	<10	<10	<10
87. N-Nitrosodi-n-butylamine	<10	<10	<10	<10	<10
88. N-Nitrosodiethylamine	<20	<20	<20	<20	<20
89. N-Nitrosomethylethalamine	<10	<10	<10	<10	<10
90. N-Nitrosopiperidine	<20	<20	<20	<20	<20
91. N-Nitrosopyrrolidine	<40	<40	<40	<40	<40
92. Parathion	<10	<10	<10	<10	<10
93. Pentachlorobenzene	<10	<10	<10	<10	<10
94. Pentachloronitrobenzene	<50	<50	<50	<50	<50
95. Phenacetin	<20	<20	<20	<20	<20
96. 1,4 Benzenediamine	<10	<10	<10	<10	<10

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE ANALYZED: 04/02/98
DATE REPORTED: 04/09/98

REVIEWED BY:

SEMI-VOLATILE ORGANICS
EPA METHOD 8270

PARAMETERS, ug/l	Well #1	Well #2	Well #3	Well #4	Well #5
97. Phorate	<10	<10	<10	<10	<10
98. Pronamide	<10	<10	<10	<10	<10
99. Safrole	<10	<10	<10	<10	<10
100. 1,2,4,5-Tetrachlorobenzene	<10	<10	<10	<10	<10
101. Thionazin	<20	<20	<20	<20	<20
102. O-Toluidine	<10	<10	<10	<10	<10
103. 1,3,5-Trinitrobenzene	<10	<10	<10	<10	<10
104. 0,0,0-Triethyl Phosphorothioate	<10	<10	<10	<10	<10
105. Hexachloroethane	<10	<10	<10	<10	<10
106. Isodrin	<100	<100	<100	<100	<100

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE ANALYZED: 04/02/98
DATE REPORTED: 04/09/98

REVIEWED BY: _____

SEMI-VOLATILE ORGANICS
EPA METHOD 8270

PARAMETERS, ug/l	Well #6	Well #7	Well #8	Equipment Blank
1. Acenaphthene	<10	<10	<10	<10
2. Acenaphthylene	<10	<10	<10	<10
3. Anthracene	<10	<10	<10	<10
4. Benzo[a]antrhacene	<10	<10	<10	<10
5. Benzo[b]fluoranthene	<10	<10	<10	<10
6. Benzo[k]fluoranthene	<10	<10	<10	<10
7. Benzo[g,h,i]perylene	<10	<10	<10	<10
8. Benzo[a]pyrene	<10	<10	<10	<10
9. 4-Bromophenyl Phenyl Ether	<10	<10	<10	<10
10. Butyl Benzyl Phthalate	<10	<10	<10	<10
11. Bis-(2-Chloroethoxy) Methane	<10	<10	<10	<10
12. Bis-(2-Chloroethyl) Ether	<10	<10	<10	<10
13. Bis-(2-Chloroisopropyl) Ether	<10	<10	<10	<10
14. 2-Chloronaphthalene	<10	<10	<10	<10
15. 4-Chlorophenyl Phenyl Ether	<10	<10	<10	<10
16. Crysene	<10	<10	<10	<10
17. Dibenz[a,h]anthracene	<10	<10	<10	<10
18. Di-N-Butyl Phthalate	<10	<10	<10	<10
19. Dimethyl Phthalate	<10	<10	<10	<10
20. Diethyl Phthalate	<10	<10	<10	<10
21. 2,4-Dinitrotoluene	<10	<10	<10	<10
22. 2,6-Dinitrotoluene	<10	<10	<10	<10
23. Di-N-Octyl Phthalate	<10	<10	<10	<10
24. Bis-(2-Ethylhexyl) Phthalate	<20	<20	<20	<20
25. Fluoranthene	<10	<10	<10	<10
26. Fluorene	<10	<10	<10	<10
27. Hexachlorobenzene	<10	<10	<10	<10
28. Hexachlorocyclopentadiene	<10	<10	<10	<10
29. Indeno[1,2,3-Cd]pyrene	<10	<10	<10	<10
30. Isophorone	<10	<10	<10	<10
31. Nitrobenzene	<10	<10	<10	<10
32. N-Nitrosodimethylamine	<10	<10	<10	<10
33. N-Nitrosodiphenylamine	<10	<10	<10	<10
34. N-Nitrosodi-N-Propylamine	<10	<10	<10	<10
35. Phenanthrene	<10	<10	<10	<10
36. Pyrene	<10	<10	<10	<10
37. 4-Chloro-3-Methylphenol	<20	<20	<20	<20
38. 2-Chlorophenol	<10	<10	<10	<10
39. O-Cresol	<10	<10	<10	<10
40. P-Cresol	<10	<10	<10	<10
41. 2,4-Dichlorophenol	<10	<10	<10	<10
42. 2,6-Dichlorophenol	<10	<10	<10	<10
43. 2,4-Dimethylphenol	<10	<10	<10	<10
44. 4,6-Dinitro-2-Methylphenol	<50	<50	<50	<50
45. 2,4-Dinitrophenol	<50	<50	<50	<50
46. Ethyl Methanesulfonate	<10	<10	<10	<10
47. Methyl Methanesulfonate	<10	<10	<10	<10
48. 2-Nitrophenol	<10	<10	<10	<10

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE ANALYZED: 04/02/98
DATE REPORTED: 04/09/98

REVIEWED BY:

SEMI-VOLATILE ORGANICS
EPA METHOD 8270

PARAMETERS, ug/l	Well #6	Well #7	Well #8	Equipment Blank
49. 4-Nitrophenol	<50	<50	<50	<50
50. Pentachlorophenol	<50	<50	<50	<50
51. Phenol	<10	<10	<10	<10
52. 2,3,4,6-Tetrachlorophenol	<10	<10	<10	<10
53. 2,4,5-Trichlorophenol	<10	<10	<10	<10
54. 2,4,6-Trichlorophenol	<10	<10	<10	<10
55. Acetophenone	<10	<10	<10	<10
56. 2-Acetylaminofluorene	<20	<20	<20	<20
57. 4-Aminobiphenyl	<20	<20	<20	<20
58. Benzyl Alcohol	<20	<20	<20	<20
59. 4-Chloroaniline	<20	<20	<20	<20
60. Chlorobenzilate	<10	<10	<10	<10
61. Diallate	<10	<10	<10	<10
62. Dibenzofuran	<10	<10	<10	<10
63. 3,3-Dichlorobenzidine	<20	<20	<20	<20
64. Dimethoate	<20	<20	<20	<20
65. P-Dimethylaminoazobenzene	<10	<10	<10	<10
66. 7,12-Dimethylbenz[a]anthracene	<10	<10	<10	<10
67. 3,3-Dimethylbenzadine	<10	<10	<10	<10
68. 1,3-Dinitrobenzene	<20	<20	<20	<20
69. Diphenylamine	<10	<10	<10	<10
70. Disulfoton	<10	<10	<10	<10
71. Famphur	<20	<20	<20	<20
72. Hexachloropropene	<10	<10	<10	<10
73. Isosafrole	<10	<10	<10	<10
74. Kepone	<20	<20	<20	<20
75. Methapryilene	<100	<100	<100	<100
76. 3-Methylchloroanthrene	<10	<10	<10	<10
77. 2-Methylnaphthalene	<10	<10	<10	<10
78. Methyl Parathion	<10	<10	<10	<10
79. m-Cresol	<10	<10	<10	<10
80. 1,4-Naphthoquinone	<10	<10	<10	<10
81. 1-Naphthylamine	<10	<10	<10	<10
82. 2-Naphthylamine	<10	<10	<10	<10
83. 2-Nitroaniline	<50	<50	<50	<50
84. 3-Nitroaniline	<50	<50	<50	<50
85. 4-Nitroaniline	<20	<20	<20	<20
86. 5-Nitro-O-Toluidine	<10	<10	<10	<10
87. N-Nitrosodi-n-butylamine	<10	<10	<10	<10
88. N-Nitrosodiethylamine	<20	<20	<20	<20
89. N-Nitrosomethylethalamine	<10	<10	<10	<10
90. N-Nitrosopiperidine	<20	<20	<20	<20
91. N-Nitrosopyrrolidine	<40	<40	<40	<40
92. Parathion	<10	<10	<10	<10
93. Pentachlorobenzene	<10	<10	<10	<10
94. Pentachloronitrobenzene	<50	<50	<50	<50
95. Phenacetin	<20	<20	<20	<20
96. 1,4 Benzenediamine	<10	<10	<10	<10

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: CHS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE ANALYZED: 04/02/98
DATE REPORTED: 04/09/98

REVIEWED BY:

SEMI-VOLATILE ORGANICS
EPA METHOD 8270

PARAMETERS, ug/l	Well #6	Well #7	Well #8	Equipment Blank
97. Phorate	<10	<10	<10	<10
98. Pronamide	<10	<10	<10	<10
99. Safrole	<10	<10	<10	<10
100. 1,2,4,5-Tetrachlorobenzene	<10	<10	<10	<10
101. Thionazin	<20	<20	<20	<20
102. O-Toluidine	<10	<10	<10	<10
103. 1,3,5-Trinitrobenzene	<10	<10	<10	<10
104. 0,0,0-Triethyl Phosphorothioate	<10	<10	<10	<10
105. Hexachloroethane	<10	<10	<10	<10
106. Isodrin	<100	<100	<100	<100

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: MS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/17/98
DATE REPORTED: 04/09/98

REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8151A

PARAMETERS, ug/l — Date Analyzed:	03/18/98 Well #1	03/18/98 Well #2	03/18/98 Well #3	03/18/98 Well #4	03/18/98 Well #5
1. 2,4-D, ug/l	<2	<2	<2	<2	<2
2. Dinoseb, ug/l	<1	<1	<1	<1	<1
3. 2,4,5-TP, ug/l	<2	<2	<2	<2	<2
4. 2,4,5-T, ug/l	<2	<2	<2	<2	<2

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: MS
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/17/98
DATE REPORTED: 04/09/98

REVIEWED BY:

LANDFILL APPENDIX II
EPA METHOD 8151A

Date Analyzed: / PARAMETERS, ug/l	03/18/98 Well #6	03/18/98 Well #7	03/18/98 Well #8	03/19/98 Equipment Blank
1. 2,4-D, ug/l	<2	<2	<2	<2
2. Dinoseb, ug/l	<1	<1	<1	<1
3. 2,4,5-TP, ug/l	<2	<2	<2	<2
4. 2,4,5-T, ug/l	<2	<2	<2	<2

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: SKP
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE REPORTED: 04/09/98

REVIEWED BY:

PESTICIDES AND PCB'S
EPA METHOD 8081

PARAMETERS, ug/l — Date Analyzed:	03/18/98 Well #1	03/18/98 Well #2	03/18/98 Well #3	03/18/98 Well #4	03/18/98 Well #5
1. Aldrin	<0.05	<0.05	<0.05	<0.05	<0.05
2. Alpha-BHC	<0.05	<0.05	<0.05	<0.05	<0.05
3. Beta-BHC	<0.05	<0.05	<0.05	<0.05	<0.05
4. Delta-BHC	<0.05	<0.05	<0.05	<0.05	<0.05
5. Gamma-BHC (Lindane)	<0.05	<0.05	<0.05	<0.05	<0.05
6. Chlordane	<0.5	<0.5	<0.5	<0.5	<0.5
7. 4,4-DDD	<0.1	<0.1	<0.1	<0.1	<0.1
8. 4,4-DDE	<0.1	<0.1	<0.1	<0.1	<0.1
9. 4,4-DDT	<0.1	<0.1	<0.1	<0.1	<0.1
10. Dieldrin	<0.1	<0.1	<0.1	<0.1	<0.1
11. Endosulfan I	<0.1	<0.1	<0.1	<0.1	<0.1
12. Endosulfan II	<0.1	<0.1	<0.1	<0.1	<0.1
13. Endosulfan Sulfate	<0.1	<0.1	<0.1	<0.1	<0.1
14. Endrin	<0.1	<0.1	<0.1	<0.1	<0.1
15. Endrin Aldehyde	<0.1	<0.1	<0.1	<0.1	<0.1
16. Heptachlor	<0.05	<0.05	<0.05	<0.05	<0.05
17. Hepthchlor Epoxide	<0.1	<0.1	<0.1	<0.1	<0.1
18. Methoxychlor	<1	<1	<1	<1	<1
19. Pcb"s (Aroclors)	<2	<2	<2	<2	<2
20. Toxaphene	<2	<2	<2	<2	<2

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

CLIENT: WAYNE CO. LANDFILL (DUDLEY)
MR. LLOYD COOK
460B LANDFILL ROAD
DUDLEY, NC 28333

CLIENT ID: 6043

ANALYST: SKP
DATE COLLECTED: 03/12/98
DATE EXTRACTED: 03/13/98
DATE REPORTED: 04/09/98

REVIEWED BY:

PESTICIDES AND PCB'S
EPA METHOD 8081

PARAMETERS, ug/l — Date Analyzed:	03/19/98 Well #6	03/19/98 Well #7	03/19/98 Well #8	03/19/98 Equipment Blank
1. Aldrin	<0.05	<0.05	<0.05	<0.05
2. Alpha-BHC	<0.05	<0.05	<0.05	<0.05
3. Beta-BHC	<0.05	<0.05	<0.05	<0.05
4. Delta-BHC	<0.05	<0.05	<0.05	<0.05
5. Gamma-BHC (Lindane)	<0.05	<0.05	<0.05	<0.05
6. Chlordane	<0.5	<0.5	<0.5	<0.5
7. 4,4-DDD	<0.1	<0.1	<0.1	<0.1
8. 4,4-DDE	<0.1	<0.1	<0.1	<0.1
9. 4,4-DDT	<0.1	<0.1	<0.1	<0.1
10. Dieldrin	<0.1	<0.1	<0.1	<0.1
11. Endosulfan I	<0.1	<0.1	<0.1	<0.1
12. Endosulfan II	<0.1	<0.1	<0.1	<0.1
13. Endosulfan Sulfate	<0.1	<0.1	<0.1	<0.1
14. Endrin	<0.1	<0.1	<0.1	<0.1
15. Endrin Aldehyde	<0.1	<0.1	<0.1	<0.1
16. Heptachlor	<0.05	<0.05	<0.05	<0.05
17. Hepthchlor Epoxide	<0.1	<0.1	<0.1	<0.1
18. Methoxychlor	<1	<1	<1	<1
19. Pcb"s (Aroclors)	<2	<2	<2	<2
20. Toxaphene	<2	<2	<2	<2

Environment 1, Incorporated
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208
FAX (252) 756-0633

RECEIVED
MAR 12 3 43 PM '98

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT Wayne Co. Landfill (Dudley) TELEPHONE #

ADDRESS

E-1 ID # 6043 TYPE OF SAMPLES

OF LOCATIONS 8 NAME OF SAMPLER(S) Bob Hilgoe - Bobby Fox

DATE SAMPLED 03/12/98 TIME SAMPLED 09 : 30 AM or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *
WELL 1 - WELL 8	METALS / CN / SULF / 8260 / 8270 / 8151 / 8081
EBLANK	" " " " " " "
T. BLANK	8260

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
Bob Hilgoe	3/12/98	3:43			
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
			Vassie M Mahaney	3/12/98	3:43

SAMPLES:

	YES	NO		YES	NO	NA		YES	NO	NA
RECEIVED ON ICE	✓		ACID PRESERVED SAMPLES PH<2	✓			BASE PRESERVED SAMPLES PH>12	✓		
			CHLORINE SENSITIVE SAMPLES NEUTRALIZED				SULFIDE SAMPLES PRESERVED WITH ZINC ACETATE, PH>9		✓	

* Please complete if requested samples vary from existing bottle labels. If there are no changes you may leave this section blank.

Instructions for completing this form are on the reverse side.

№ 35509

FORM #0021