Environment 1, Incorporated
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085
PHONE (919) 756-6208
FAX (919) 756-0633

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

RECEIVED
FEB 20 5 46 PM '96

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT WAYNE CO. DUDLEY TELEPHONE #

ADDRESS

CLIENT ID # 6043 TYPE OF SAMPLES Monitoring wells S.W.

OF LOCATIONS 11 NAME OF SAMPLER(S) H. Legg

DATE SAMPLED 02/20/96 TIME SAMPLED 11 : 05 AM or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
Bob H Legg	02 20 96	1745	Vassie M Cobbs	2/20/96	5:46
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME

SAMPLES: CHILLED YES ☑ NO ☐ ACID PRESERVED SAMPLES PH<2 YES ☐ NO ☐ NA ☐ BASE PRESERVED SAMPLES PH>12 YES ☐ NO ☐ NA ☑

REMARKS:

* 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.

№ 8906

FORM #0021

1 - VOCs - metals
2 - VOCs - metals
3 - VOCs - metals -
4 - VOCs - metals -
5 - VOCs - metals -
6 - VOCs - metals + napthalene ✓
7 - VOCs - metals -
8 - VOCs - metals + Hg ✓

Wayne Co - Dudley

- need to sample for napthalene + Hg on <u>all</u> wells to establish background level as per .1634 or make a case that data is not "real".

BOBBY:

SURFACE WATER #3 LOCATION WAS NOT INCLUDED ON THE PREVIOUS DATA SUBMISSION. LET ME KNOW IF YOU HAVE ANY QUESTIONS. THANKS STEVE

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METALS & FIELD MEASURMENTS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. L.oyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #7	Well #8	Surface Water #1	Surface Water #2	Surface Water #3	Equipment Blank
Antimony, mg/l	02/22/96	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	02/26/96	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	02/21/96	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	02/22/96	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	02/21/96	7131	0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Chromium, mg/l	02/21/96	7191	0.010	0.022	0.025	<0.010	0.035	<0.010	<0.010
Cobalt, mg/l	02/23/96	7201	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper, mg/l	02/22/96	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	02/22/96	7421	0.010	0.011	0.012	<0.010	0.012	<0.010	<0.010
Nickel, mg/l	02/22/96	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	02/26/96	7720	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	02/21/96	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	02/22/96	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	02/26/96	7911	0.040	0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Zinc, mg/l	02/22/96	7950	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Mercury, mg/l	02/21/96	7470	0.0005		0.0085				
pH, Units (FM)				4.4	4.4	7.1	5.9	6.5	
Conductivity, uMhos (FM)				54	60	2100	110	590	
Temperature, oC (FM)				13	16	14	13	14	
Static Water Level, feet				4.95	16.97				
Well Depth, feet				19.45	29.88				

(FM) = "FIELD METHOD", PERFORMED ON DATE OF COLLECTION

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METALS & FIELD MEASURMENTS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. L.oyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6
Antimony, mg/l	02/22/96	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	02/26/96	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	02/21/96	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	02/22/96	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	02/21/96	7131	0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001
Chromium, mg/l	02/21/96	7191	0.010	<0.010	0.010	<0.010	<0.010	0.015	0.040
Cobalt, mg/l	02/23/96	7201	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper, mg/l	02/22/96	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	02/22/96	7421	0.010	<0.010	<0.010	<0.010	<0.010	0.010	0.012
Nickel, mg/l	02/22/96	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	02/26/96	7720	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	02/21/96	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	02/22/96	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	02/26/96	7911	0.040	<0.040	<0.040	<0.040	<0.040	0.052	<0.040
Zinc, mg/l	02/22/96	7950	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
pH, Units (FM)				4.8	5.9	4.4	4.4	4.6	5.4
Conductivity, uMhos (FM)				16	1700	140	140	45	410
Temperature, oC (FM)				16	14	15	15	15	14
Static Water Level, feet				13.76	4.31	0.00	6.11	3.63	4.94
Well Depth, feet				26.65	16.60	19.44	19.42	18.78	18.99

(FM) = "FIELD METHOD", PERFORMED ON DATE OF COLLECTION

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METALS & FIELD MEASURMENTS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. L.oyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #7	Well #8	Surface Water #1	Surface ater #2	Equipment Blank
Antimony, mg/l	02/22/96	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	02/26/96	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	02/21/96	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	02/22/96	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	02/21/96	7131	0.001	<0.001	<0.001	<0.001	0.001	<0.001
Chromium, mg/l	02/21/96	7191	0.010	0.022	0.025	<0.010	0.035	<0.010
Cobalt, mg/l	02/23/96	7201	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper, mg/l	02/22/96	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	02/22/96	7421	0.010	0.011	0.012	<0.010	0.012	<0.010
Nickel, mg/l	02/22/96	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	02/26/96	7720	0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	02/21/96	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	02/22/96	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	02/26/96	7911	0.040	0.040	<0.040	<0.040	<0.040	<0.040
Zinc, mg/l	02/22/96	7950	0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Mercury, mg/l	02/21/96	7470	0.0005		0.0085			
pH, Units (FM)				4.4	4.4	7.1	5.9	
Conductivity, uMhos (FM)				54	60	2100	110	
Temperature, oC (FM)				13	16	14	13	
Static Water Level, feet				4.95	16.97			
Well Depth, feet				19.45	29.88			

(FM) = "FIELD METHOD", PERFORMED ON DATE OF COLLECTION

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

Receptors?

96-01

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96
DATE ANALYZED: 02/23/96

REVIEWED BY:

Parameters	Well #1	Well #3	Well #4	Well #5	Equipment Blank
Chloromethane, ug/l	< 10	< 10	< 10	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10	< 10	< 10	< 10
Bromomethane, ug/l	< 10	< 10	< 10	< 10	< 10
Chloroethane, ug/l	< 10	< 10	< 10	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
Acetone, ug/l	< 100	< 100	< 100	< 100	< 100
Iodomethane, ug/l	< 10	< 10	< 10	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100	< 100	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10	< 10	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate, ug/l	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
2-Butanone, ug/l	< 100	< 100	< 100	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5	< 5	< 5	< 5
Chloroform, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5	< 5	< 5	< 5
Benzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Trichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5	< 5	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50	< 50	< 50	< 50
Toluene, ug/l	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
2-Hexanone, ug/l	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5	< 5	< 5	< 5
Chlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,12-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5	< 5	< 5	< 5
Xylenes, ug/l	< 5	< 5	< 5	< 5	< 5
Dibromomethane, ug/l	< 10	< 10	< 10	< 10	< 10
Styrene, ug/l	< 5	< 5	< 5	< 5	< 5
Bromoform, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15	< 15	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25	< 25	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200	< 200	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100	< 100	< 100	< 100

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

Volatile Organics,
EPA Method 8260

Page 2, Continued...

Client: Wayne Co. Landfill (Dudley)
02/20/96

Parameters	Well #1	Well #3	Well #4	Well #5	Equipment Blank
Napthalene, ug/l					< 5

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96
DATE ANALYZED: 02/27/96

REVIEWED BY:

Parameters	Well #2	Surface Water #3	Trip Blank
Chloromethane, ug/l	< 10	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10	< 10
Bromomethane, ug/l	< 10	< 10	< 10
Chloroethane, ug/l	< 10	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5	< 5
Acetone, ug/l	< 100	< 100	< 100
Iodomethane, ug/l	< 10	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	< 5	< 5
Vinyl Acetate, ug/l	< 50	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5	< 5
2-Butanone, ug/l	< 100	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5	< 5
Chloroform, ug/l	< 5	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5	< 5
Benzene, ug/l	< 5	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5	< 5
Trichloroethene, ug/l	< 5	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50	< 50
Toluene, ug/l	< 5	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5	< 5
2-Hexanone, ug/l	< 50	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5	< 5
Chlorobenzene, ug/l	23	< 5	< 5
1,1,12-Tetrachloroethane, ug/l	< 5	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5	< 5
Xylenes, ug/l	< 5	< 5	< 5
Dibromomethane, ug/l	< 10	< 10	< 10
Styrene, ug/l	< 5	< 5	< 5
Bromoform, ug/l	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5	< 5
1,2-Dichlorobenzene, ug/l	< 5	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100	< 100

96-01 6043va.doc

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96
DATE ANALYZED: 02/22/96

REVIEWED BY:

Parameters	Surface Water #1	Surface Water #2
Chloromethane, ug/l	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10
Bromomethane, ug/l	< 10	< 10
Chloroethane, ug/l	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5
Acetone, ug/l	< 100	< 100
Iodomethane, ug/l	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	< 5
Vinyl Acetate, ug/l	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5
2-Butanone, ug/l	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5
Chloroform, ug/l	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5
Benzene, ug/l	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5
Trichloroethene, ug/l	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50
Toluene, ug/l	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5
2-Hexanone, ug/l	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5
Chlorobenzene, ug/l	< 5	< 5
1,1,12-Tetrachloroethane, ug/l	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5
Xylenes, ug/l	< 5	< 5
Dibromomethane, ug/l	< 10	< 10
Styrene, ug/l	< 5	< 5
Bromoform, ug/l	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5
1,2-Dichlorobenzene, ug/l	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100

96-01 6043vb.doc

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 02/20/96
DATE ANALYZED: 02/29/96

REVIEWED BY:

Parameters	Well #6	Well #7	Well #8
Chloromethane, ug/l	< 10	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10	13
Bromomethane, ug/l	< 10	< 10	< 10
Chloroethane, ug/l	< 10	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5	< 5
Acetone, ug/l	< 100	< 100	< 100
Iodomethane, ug/l	< 10	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	< 5	10
Vinyl Acetate, ug/l	< 50	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5	< 5
2-Butanone, ug/l	< 100	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5	< 5
Chloroform, ug/l	< 5	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5	< 5
Benzene, ug/l	< 5	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5	< 5
Trichloroethene, ug/l	< 5	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50	< 50
Toluene, ug/l	< 5	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5	< 5
2-Hexanone, ug/l	< 50	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5	< 5
Chlorobenzene, ug/l	6	< 5	33
1,1,12-Tetrachloroethane, ug/l	< 5	< 5	< 5
Ethylbenzene, ug/l	31	< 5	< 5
Xylenes, ug/l	52	< 5	< 5
Dibromomethane, ug/l	< 10	< 10	< 10
Styrene, ug/l	< 5	< 5	< 5
Bromoform, ug/l	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5	< 5
1,2-Dichlorobenzene, ug/l	< 5	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100	< 100

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

Volatile Organics,
EPA Method 8260

Page 2, Continued...

Client: Wayne Co. Landfill (Dudley)
02/20/96

Parameters	Well #6	Well #7	Well #8
Napthalene, ug/l	6		

SWS
PQL is 10

~~No GW flow rates + duration~~

- no statistics
- Have not completed App II detect baseline.

96-01

6043va.doc

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 08/29/96
DATE ANALYZED: 09/12/96

REVIEWED BY: H B Jones

Parameters	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6
Chloromethane, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Bromomethane, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Chloroethane, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Acetone, ug/l	< 100	< 100	< 100	< 100	< 100	< 100
Iodomethane, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100	< 100	< 100	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl Acetate, ug/l	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
2-Butanone, ug/l	< 100	< 100	< 100	< 100	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Benzene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50	< 50	< 50	< 50	< 50
Toluene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
2-Hexanone, ug/l	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5	8
1,1,12-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, ug/l	< 5	< 5	< 5	< 5	< 5	46
Dibromomethane, ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Styrene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15	< 15	< 15	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5	8
1,2-Dichlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25	< 25	< 25	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200	< 200	< 200	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100	< 100	< 100	< 100	< 100

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 08/29/96
DATE ANALYZED: 09/12/96

REVIEWED BY:

Parameters	Well #7	Well #8	Surface Water #1	Surface Water #2	Surface Water #3
Chloromethane, ug/l	< 10	< 10	< 10	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10	< 10	< 10	< 10
Bromomethane, ug/l	< 10	< 10	< 10	< 10	< 10
Chloroethane, ug/l	< 10	< 10	< 10	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
Acetone, ug/l	< 100	< 100	< 100	< 100	< 100
Iodomethane, ug/l	< 10	< 10	< 10	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100	< 100	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10	< 10	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	9	< 5	< 5	< 5
Vinyl Acetate, ug/l	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
2-Butanone, ug/l	< 100	< 100	< 100	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5	< 5	< 5	< 5
Chloroform, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5	< 5	< 5	< 5
Benzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Trichloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5	< 5	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50	< 50	< 50	< 50
Toluene, ug/l	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5	< 5	< 5	< 5
2-Hexanone, ug/l	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5	< 5	< 5	< 5
Chlorobenzene, ug/l	< 5	24	< 5	< 5	< 5
1,1,12-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5	< 5	< 5	< 5
Xylenes, ug/l	< 5	< 5	< 5	< 5	< 5
Dibromomethane, ug/l	< 10	< 10	< 10	< 10	< 10
Styrene, ug/l	< 5	< 5	< 5	< 5	< 5
Bromoform, ug/l	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15	< 15	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene, ug/l	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25	< 25	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200	< 200	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100	< 100	< 100	< 100

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METHOD 8260 PURGABLE ORGANICS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. Lloyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 08/29/96
DATE ANALYZED: 09/12/96

REVIEWED BY:

Parameters	Equipment Blank	Trip Blank
Chloromethane, ug/l	< 10	< 10
Vinyl Chloride, ug/l	< 10	< 10
Bromomethane, ug/l	< 10	< 10
Chloroethane, ug/l	< 10	< 10
Trichlorofluoromethane, ug/l	< 5	< 5
1,1-Dichloroethene, ug/l	< 5	< 5
Acetone, ug/l	< 100	< 100
Iodomethane, ug/l	< 10	< 10
Carbon Disulfide, ug/l	< 100	< 100
Methylene Chloride, ug/l	< 10	< 10
trans-1,2-Dichloroethene, ug/l	< 5	< 5
1,1-Dichloroethane, ug/l	< 5	< 5
Vinyl Acetate, ug/l	< 50	< 50
cis-1,2-Dichloroethene, ug/l	< 5	< 5
2-Butanone, ug/l	< 100	< 100
Bromochloromethane, ug/l	< 5	< 5
Chloroform, ug/l	< 5	< 5
1,1,1-Trichloroethane, ug/l	< 5	< 5
Carbon Tetrachloride, ug/l	< 5	< 5
Benzene, ug/l	< 5	< 5
1,2-Dichloroethane, ug/l	< 5	< 5
Trichloroethene, ug/l	< 5	< 5
1,2-Dichloroporpane, ug/l	< 5	< 5
Bromodichloromethane, ug/l	< 5	< 5
cis-1,3-Dichloropropene, ug/l	< 5	< 5
4-Methyl-2-Pentanone, ug/l	< 50	< 50
Toluene, ug/l	< 5	< 5
trans-1,3-Dichloropropene, ug/l	< 5	< 5
1,1,2-Trichloroethane, ug/l	< 5	< 5
Tetrachloroethene, ug/l	< 5	< 5
2-Hexanone, ug/l	< 50	< 50
Dibromochloromethane, ug/l	< 5	< 5
1,2-Dibromoethane, ug/l	< 5	< 5
Chlorobenzene, ug/l	< 5	< 5
1,1,12-Tetrachloroethane, ug/l	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5
Xylenes, ug/l	< 5	< 5
Dibromomethane, ug/l	< 10	< 10
Styrene, ug/l	< 5	< 5
Bromoform, ug/l	< 5	< 5
1,1,2,2-Tetrachloroethane, ug/l	< 5	< 5
1,2,3-Trichloropropane, ug/l	< 15	< 15
1,4-Dichlorobenzene, ug/l	< 5	< 5
1,2-Dichlorobenzene, ug/l	< 5	< 5
1,2-Dibromo-3-Chloropropane, ug/l	< 25	< 25
Acrylonitrile, ug/l	< 200	< 200
trans-1,4-Dichloro-2-Butene, ug/l	< 100	< 100

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METALS & FIELD MEASURMENTS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. L.oyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 08/29/96

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6
Antimony, mg/l	09/10/96	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	09/10/96	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	09/17/96	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	09/10/96	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	08/30/96	7131	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Chromium, mg/l	08/30/96	7191	0.010	<0.010	0.010	0.012	<0.010	<0.010	0.087
Cobalt, mg/l	09/10/96	7201	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper, mg/l	08/30/96	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	08/30/96	7421	0.010	<0.010	0.012	<0.010	<0.010	<0.010	0.036
Nickel, mg/l	08/30/96	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	09/10/96	7720	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	08/30/96	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	09/10/96	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	09/11/96	7911	0.040	<0.040	<0.040	<0.040	<0.040	0.052	0.095
Zinc, mg/l	08/30/96	7950	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
pH, Units (FM)				5.7	6.1	4.6	4.4	6.2	5.6
Conductivity, uMhos (FM)				16	1300	30	140	110	470
Temperature, oC (FM)				18	22	19	19	24	24
Static Water Level, feet				14.92	5.27	0.00	6.51	3.75	5.81
Well Depth, feet				26.51	16.61	19.44	19.35	18.81	18.88

(FM) = "FIELD METHOD", PERFORMED ON DATE OF COLLECTION

Environment 1, Incorporated

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

PHONE (919) 756-6208
FAX (919) 756-0633

APPENDIX I LANDFILL ANALYSIS (METALS & FIELD MEASURMENTS)

CLIENT: Wayne Co. Landfill (Dudley)
Mr. L.oyd S. Cook
460B Landfill Road
Dudley, NC 28333

CLIENT ID: 6043
DATE COLLECTED: 08/29/96

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #7	Well #8	Surface Water #1	Surface Water #2	Surface Water #3	Equipment Blank
Antimony, mg/l	09/10/96	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	09/10/96	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	09/17/96	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	09/10/96	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	08/30/96	7131	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, mg/l	08/30/96	7191	0.010	0.049	0.072	<0.010	0.055	<0.010	<0.010
Cobalt, mg/l	09/10/96	7201	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper, mg/l	08/30/96	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	08/30/96	7421	0.010	0.043	0.029	<0.010	0.070	<0.010	<0.010
Nickel, mg/l	08/30/96	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	09/10/96	7720	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	08/30/96	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	09/10/96	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	09/11/96	7911	0.040	0.157	0.045	<0.040	0.121	<0.040	<0.040
Zinc, mg/l	08/30/96	7950	0.050	<0.050	<0.050	<0.050	0.177	<0.050	<0.050
pH, Units (FM)				4.1	4.4	4.8	8.2	5.8	
Conductivity, uMhos (FM)				38	54	41	1200	220	
Temperature, oC (FM)				22	19	24	22	24	
Static Water Level, feet				8.36	18.01				
Well Depth, feet				19.45	29.89				

(FM) = "FIELD METHOD", PERFORMED ON DATE OF COLLECTION

Environment 1, Incorporated
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085
PHONE (919) 756-6208
FAX (919) 756-0633

RECEIVED
AUG 29 4 54 PM '96

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT Wayne Co. TELEPHONE #

ADDRESS

CLIENT ID # 6043 TYPE OF SAMPLES Monitoring wells S.W.

OF LOCATIONS 11 NAME OF SAMPLER(S) Hilgar/Fox

DATE SAMPLED 08/29/96 TIME SAMPLED 11:00 AM or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
Bob Hilgar	8/29/96	1645	Vassie M Childs	8/30/96	4:54
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME

SAMPLES: CHILLED YES ☑ NO ☐ ACID PRESERVED SAMPLES PH<2 YES ☑ NO ☐ NA ☐ BASE PRESERVED SAMPLES PH>12 YES ☐ NO ☐ NA ☑

REMARKS:

* 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.

№ 20662

FORM #0021