Carmen Johnson

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

2-24-97

- WAYNE Co.

- Spoke w/ Cheryl Marks of Municipal Engineering about data report.
- GW flow rate, etc and statistics are to be done + submitted.

96-01 6043ma.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 (METALS & FIELD MEASURMENTS)

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

CLIENT ID: 6043
DATE COLLECTED: 02/04/97

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6
Antimony, mg/l	02/05/97	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	02/07/97	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	02/06/97	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	02/06/97	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	02/05/97	7131	0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Chromium, mg/l	02/05/97	7191	0.010	<0.010	<0.010	0.013	<0.010	<0.010	0.034
Cobalt, mg/l	02/05/97	7201	0.010	<0.010	<0.010	<0.010	0.010	<0.010	<0.010
Copper, mg/l	02/05/97	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	02/05/97	7421	0.010	<0.010	<0.012	0.018	<0.010	<0.010	0.016
Nickel, mg/l	02/05/97	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	02/07/97	7740	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	02/05/97	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	02/06/97	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	02/05/97	7911	0.040	<0.040	<0.040	<0.040	<0.040	0.052	0.075
Zinc, mg/l	02/05/97	7950	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.074
pH, Units (FM)				6.1	6.0	4.6	4.4	4.7	5.7
Conductivity, uMhos (FM)				19	1400	29	200	42	420
Temperature, oC (FM)				16	11	16	14	16	11
Static Water Level, feet				12.56	4.42	0.00	5.83	3.46	5.06
Well Depth, feet				26.58	16.69	19.44	19.45	18.78	18.98

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

Wells - 2-3-5-7 - OPEN LF CELL
Wells - 1-4-6-8 - CLOSED LF CELL

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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: 02/04/97

REVIEWED BY:

Parameters	Date Analyzed	Method Number	Reporting Limit	Well #7	Well #8	Surface Water #1	Surface Water #3	Equipment Blank
Antimony, mg/l	02/05/97	7041	0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Arsenic, mg/l	02/07/97	7060	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium, mg/l	02/06/97	7080	0.500	<0.500	<0.500	<0.500	<0.500	<0.500
Beryllium, mg/l	02/06/97	7091	0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Cadmium, mg/l	02/05/97	7131	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, mg/l	02/05/97	7191	0.010	0.010	<0.010	<0.010	<0.010	<0.010
Cobalt, mg/l	02/05/97	7201	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper, mg/l	02/05/97	7210	0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Lead, mg/l	02/05/97	7421	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel, mg/l	02/05/97	7520	0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Selenium, mg/l	02/07/97	7740	0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Silver, mg/l	02/05/97	7761	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium, mg/l	02/06/97	7841	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium, mg/l	02/05/97	7911	0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Zinc, mg/l	02/05/97	7950	0.050	<0.050	<0.050	<0.050	<0.050	<0.050
pH, Units (FM)				4.8	4.5	7.4	6.4	
Conductivity, uMhos (FM)				53	66	1600	450	
Temperature, oC (FM)				13	16	10	10	
Static Water Level, feet				5.04	16.04			
Well Depth, feet				19.68	29.71			

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

Environment 1, Incorporated

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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: 02/04/97
DATE ANALYZED: 02/07/97

REVIEWED BY:

Parameters	Well #7	Well #8	Surface Water #1	Surface Water #3	Equipment Blank	Trip Blank
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	6	< 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	30	< 5	< 5	< 5	< 5
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	< 5
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	< 5
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

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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: 02/04/97
DATE ANALYZED: 02/07/97
REVIEWED BY:

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	24	< 5	< 5	< 5	11
1,1,12-Tetrachloroethane, ug/l	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene, ug/l	< 5	< 5	< 5	< 5	< 5	40
Xylenes, ug/l	< 5	< 5	< 5	< 5	< 5	133
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	< 5
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

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RECEIVED
FEB 4 3 44 PM '97

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT WAYNE Co, DUDLEY TELEPHONE #

ADDRESS

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

OF LOCATIONS 10 NAME OF SAMPLER(S) Hilgoe

DATE SAMPLED 02/04/97 TIME SAMPLED 09:55 AM or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
Bob Hilgoe	2497	1545	Huntha Hardy	2-4	3:44
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.

№ 15932

FORM #0021