.9606-MSWLF-1998

1st Baseline

96-06

Environment 1, Incorporated

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

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

Drinking Water ID: 37715
Wastewater ID: 10

ID#: 6029

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

Carmen Johnson
Fac/Perm/Coll ID # 96-06
Date 7/25/12
Div

DATE COLLECTED: 12/30/97
DATE REPORTED : 01/23/98

REVIEWED BY:

PARAMETERS	Monitoring Well #1	Monitoring Well #2	Monitoring Well #3	Monitoring Well #4	Monitoring Well #5	Analysis Date	Analyst	Method Code
PH (field measurement), Units	4.8	4.6	4.2	4.3	4.1	12/30/97	RJH	EPA150.1
Antimony, mg/l	<0.030	<0.030	<0.030	<0.030	<0.030	01/02/98	WSW	EPA7041
Arsenic, mg/l	<0.010	<0.010	<0.010	0.015	0.025	01/13/98	WSW	EPA7060
Barium, mg/l	<0.500	<0.500	<0.500	<0.500	<0.500	01/02/98	WTH	EPA7080
Beryllium, mg/l	0.00311	0.00491	<0.002	<0.002	<0.002	01/05/98	WSW	EPA7091
Cadmium, mg/l	<0.001	<0.001	<0.001	<0.001	0.0011	12/31/97	WSW	EPA7131
Cobalt, mg/l	<0.010	<0.010	<0.010	<0.010	0.012	01/14/98	WSW	EPA7201
Copper, mg/l	<0.200	<0.200	<0.200	<0.200	<0.200	12/31/97	WSW	EPA7210
Total Chromium, mg/l	0.108	0.144	0.035	0.016	0.031	01/13/98	WSW	EPA7191
Lead, mg/l	0.076	0.108	0.022	<0.010	0.021	01/02/98	WSW	EPA7421
Nickel, mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	12/31/97	WTH	EPA7520
Selenium, mg/l	<0.020	<0.020	<0.020	<0.020	<0.020	01/12/98	WSW	EPA7740
Silver, mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	01/16/98	WSW	EPA7761
Thallium, mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	01/07/98	WSW	EPA7841
Vanadium, mg/l	0.310	0.241	<0.040	<0.040	0.058	01/16/98	WSW	EPA7911
Zinc, mg/l	0.148	0.090	<0.050	<0.050	0.051	01/02/98	WTH	EPA7950
Conductivity (at 25c), uMhos	26	31	28	55	52	01/02/98	JMH	SM2510B
Temperature, °C	12	11	12	12	13	12/30/97	RJH	SM2550B
Static Water Level, Feet	12.12	8.72	3.97	15.83	16.23	12/30/97	RJH	
Well Depth, feet	25.11	22.41	22.72	27.41	26.15	12/30/97	RJH	

JAN 1998
Received
Solid Waste
Section

Environment 1, Incorporated

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

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

Drinking Water ID: 37715
Wastewater ID: 10

ID#: 6029

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

DATE COLLECTED: 12/30/97
DATE REPORTED : 01/23/98

REVIEWED BY:

PARAMETERS	Monitoring Well #6	Monitoring Well #7	Monitoring Well #8	Monitoring Well #9	Monitoring Well #10	Analysis Date	Analyst	Method Code
PH (field measurement), Units	4.5	5.0	5.0	4.9	4.7	12/30/97	RJH	EPA150.1
Antimony, mg/l	<0.030	<0.030	<0.030	<0.030	<0.030	01/02/98	WSW	EPA7041
Arsenic, mg/l	<0.010	0.035	0.034	<0.010	<0.010	01/13/98	WSW	EPA7060
Barium, mg/l	<0.500	<0.500	<0.500	<0.500	<0.500	01/02/98	WTH	EPA7080
Beryllium, mg/l	<0.002	0.00583	0.0047	<0.002	<0.002	01/05/98	WSW	EPA7091
Cadmium, mg/l	<0.001	<0.001	0.0018	<0.001	<0.001	12/31/97	WSW	EPA7131
Cobalt, mg/l	<0.010	0.010	0.033	<0.010	<0.010	01/14/98	WSW	EPA7201
Copper, mg/l	<0.200	<0.200	<0.200	<0.200	<0.200	12/31/97	WSW	EPA7210
Total Chromium, mg/l	0.014	0.040	0.040	0.035	0.025	01/13/98	WSW	EPA7191
Lead, mg/l	0.011	0.032	0.027	0.025	0.026	01/02/98	WSW	EPA7421
Nickel, mg/l	<0.050	<0.050	0.059	<0.050	<0.050	12/31/97	WTH	EPA7520
Selenium, mg/l	<0.020	<0.020	<0.020	<0.020	<0.020	01/12/98	WSW	EPA7740
Silver, mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	01/16/98	WSW	EPA7761
Thallium, mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	01/07/98	WSW	EPA7841
Vanadium, mg/l	<0.040	<0.040	<0.040	<0.040	<0.040	01/16/98	WSW	EPA7911
Zinc, mg/l	<0.050	0.162	0.481	<0.050	0.075	01/02/98	WTH	EPA7950
Conductivity (at 25c), uMhos	33	47	76	31	29	01/02/98	JMH	SM2510B
Temperature, °C	13	14	10	14	14	12/30/97	RJH	SM2550B
Static Water Level, Feet	15.30	6.79	9.00	10.29	12.16	12/30/97	RJH	
Well Depth, feet	27.20	22.81	22.83	25.05	25.27	12/30/97	RJH	

Environment 1, Incorporated

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

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

Drinking Water ID: 37715
Wastewater ID: 10

ID#: 6029

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

DATE COLLECTED: 12/30/97
DATE REPORTED : 01/23/98

REVIEWED BY:

PARAMETERS	Equipment Blank	Duplicate (Well #10)	Analysis Date	Analyst	Method Code
Antimony, mg/l	<0.030	<0.030	01/02/98	WSW	EPA7041
Arsenic, mg/l	<0.010	<0.010	01/13/98	WSW	EPA7060
Barium, mg/l	<0.500	<0.500	01/02/98	WTH	EPA7080
Beryllium, mg/l	<0.002	<0.002	01/05/98	WSW	EPA7091
Cadmium, mg/l	<0.001	<0.001	12/31/97	WSW	EPA7131
Cobalt, mg/l	<0.010	<0.010	01/14/98	WSW	EPA7201
Copper, mg/l	<0.200	<0.200	12/31/97	WSW	EPA7210
Total Chromium, mg/l	<0.010	0.025	01/13/98	WSW	EPA7191
Lead, mg/l	<0.010	0.020	01/02/98	WSW	EPA7421
Nickel, mg/l	<0.050	<0.050	12/31/97	WTH	EPA7520
Selenium, mg/l	<0.020	<0.020	01/12/98	WSW	EPA7740
Silver, mg/l	<0.010	<0.010	01/16/98	WSW	EPA7761
Thallium, mg/l	<0.010	<0.010	01/07/98	WSW	EPA7841
Vanadium, mg/l	<0.040	<0.040	01/16/98	WSW	EPA7911
Zinc, mg/l	<0.050	0.077	01/02/98	WTH	EPA7950

JAN 1998
Received
Solid Waste
Section

Environment 1, Incorporated

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

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

JAN 1998
Received
Solid Waste
Section

Drinking Water ID: 37715
Wastewater ID: 10

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

CLIENT ID: 6029

ANALYST: CHS
DATE COLLECTED: 12/30/97
DATE REPORTED: 01/23/98

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260

PARAMETERS, ug/l — Date Analyzed:	01/09/98 Monitoring Well #1	01/10/98 Monitoring Well #2	01/10/98 Monitoring Well #3	01/10/98 Monitoring Well #4	01/10/98 Monitoring 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
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-Dibromoethane	<5	<5	<5	<5	<5
34. Chlorobenzene	<5	<5	<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

Environment 1, Incorporated

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

Drinking Water ID: 37715
Wastewater ID: 10

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

JAN 1998
Received
Solid Waste
Section

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

CLIENT ID: 6029

ANALYST: CHS
DATE COLLECTED: 12/30/97
DATE REPORTED: 01/23/98

REVIEWED BY: _____

VOLATILE ORGANICS
EPA METHOD 8260

PARAMETERS, ug/l — Date Analyzed:	01/10/98 Monitoring Well #6	01/10/98 Monitoring Well #7	01/10/98 Monitoring Well #8	01/09/98 Monitoring Well #9	01/09/98 Monitoring Well #10
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-Dibromoethane	<5	<5	<5	<5	<5
34. Chlorobenzene	<5	<5	<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

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

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

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

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

CLIENT ID: 6029
ANALYST: CHS
DATE COLLECTED: 12/30/97
DATE REPORTED: 01/23/98

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260

PARAMETERS, ug/l	Date Analyzed: 01/09/98 Equipment Blank
1. Chloromethane	<10
2. Vinyl Chloride	<10
3. Bromomethane	<10
4. Chloroethane	<10
5. Trichlorofluoromethane	<5
6. 1,1-Dichloroethene	<5
7. Acetone	<100
8. Iodomethane	<10
9. Carbon Disulfide	<100
10. Methylene Chloride	<10
11. trans-1,2-Dichloroethene	<5
12. 1,1-Dichloroethane	<5
13. Vinyl Acetate	<50
14. Cis-1,2-Dichloroethene	<5
15. 2-Butanone	<100
16. Bromochloromethane	<5
17. Chloroform	<5
18. 1,1,1-Trichloroethane	<5
19. Carbon Tetrachloride	<5
20. Benzene	<5
21. 1,2-Dichloroethane	<5
22. Trichloroethene	<5
23. 1,2-Dichloropropane	<5
24. Bromodichloromethane	<5
25. Cis-1,3-Dichloropropene	<5
26. 4-Methyl-2-Pentanone	<50
27. Toluene	<5
28. trans-1,3-Dichloropropene	<5
29. 1,1,2-Trichloroethane	<5
30. Tetrachloroethene	<5
31. 2-Hexanone	<50
32. Dibromochloromethane	<5
33. 1,2-Dibromoethane	<5
34. Chlorobenzene	<5
35. 1,1,1,2-Tetrachloroethane	<5
36. Ethylbenzene	<5
37. Xylenes	<5
38. Dibromomethane	<10
39. Styrene	<5
40. Bromoform	<5
41. 1,1,2,2-Tetrachloroethane	<5
42. 1,2,3-Trichloropropane	<15
43. 1,4-Dichlorobenzene	<5
44. 1,2-Dichlorobenzene	<5
45. 1,2-Dibromo-3-Chloropropane	<25
46. Acrylonitrile	<200
47. trans-1,4-Dichloro-2-Butene	<100

Environment 1, Incorporated

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

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

Drinking Water ID: 37715
Wastewater ID: 10

ID#: 6029 A

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

DATE COLLECTED: 12/30/97
DATE REPORTED : 01/23/98

REVIEWED BY:

PARAMETERS	Surface Water #1	Surface Water #2	Surface Water #3	Surface Water #4	Analysis Date	Analyst	Method Code
Antimony, mg/l	<0.030	<0.030	<0.030	<0.030	01/02/98	WSW	EPA7041
Arsenic, mg/l	<0.010	<0.010	<0.010	<0.010	01/13/98	WSW	EPA7060
Barium, mg/l	<0.500	<0.500	<0.500	<0.500	01/02/98	WTH	EPA7080
Beryllium, mg/l	<0.002	<0.002	<0.002	<0.002	01/05/98	WSW	EPA7091
Cadmium, mg/l	<0.001	<0.001	<0.001	<0.001	12/31/97	WSW	EPA7131
Cobalt, mg/l	<0.010	<0.010	<0.000	<0.010	01/14/98	WSW	EPA7201
Copper, mg/l	<0.200	<0.200	<0.200	<0.200	12/31/97	WSW	EPA7210
Total Chromium, mg/l	<0.010	0.041	<0.010	<0.010	01/13/98	WSW	EPA7191
Lead, mg/l	<0.010	<0.010	<0.010	<0.010	01/02/98	WSW	EPA7421
Nickel, mg/l	<0.050	<0.050	<0.050	<0.050	12/31/97	WTH	EPA7520
Selenium, mg/l	<0.020	<0.020	<0.020	<0.020	01/12/98	WSW	EPA7740
Silver, mg/l	<0.010	<0.010	<0.010	<0.010	01/16/98	WSW	EPA7761
Thallium, mg/l	<0.010	<0.010	<0.010	<0.010	01/07/98	WSW	EPA7841
Vanadium, mg/l	<0.040	<0.040	<0.040	<0.040	01/16/98	WSW	EPA7911
Zinc, mg/l	<0.050	0.184	0.093	<0.050	01/02/98	WTH	EPA7950

Environment 1, Incorporated

Drinking Water ID: 37715
Wastewater ID: 10

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

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

JAN 1998
Received
Solid Waste
Section

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

CLIENT ID: 6029 A
ANALYST: CHS
DATE COLLECTED: 12/30/97
DATE ANALYZED: 01/09/98
DATE REPORTED: 01/23/98

REVIEWED BY:

VOLATILE ORGANICS
EPA METHOD 8260

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

RECEIVED

DEC 30 5 33 PM '97

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT Wayne Co. Landfill TELEPHONE # _____

ADDRESS _____

E-1 ID # 6029 TYPE OF SAMPLES Monitoring Wells S.W.

OF LOCATIONS 14 NAME OF SAMPLER(S) H Jeffreys

DATE SAMPLED 12 / 30 / 97 TIME SAMPLED 10 : 30 AM or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *
6029A	SW1-4
6029	MW1 - MW10

JAN 1998
Received
Solid Waste
Section

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
Bob H Jeffreys	12-30-97	1730	Jessie M Durham	12-30-97	5:33
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME

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	YES ☐	NO ☐		SULFIDE SAMPLES PRESERVED WITH ZINC ACETATE, PH>9	YES ☐	NO ☐	

* 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.

NE 27371

FORM #0021

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

NCDENR

JAMES B. HUNT JR.
GOVERNOR

WAYNE MCDEVITT
SECRETARY

WILLIAM L. MEYER
DIRECTOR

January 27, 1998

Mr. Richard Allison
Municipal Engineering Services
P.O. Box 97
Garner, N.C. 27529

RE: Groundwater Baseline Sampling and Analysis At The Wayne County MSW Landfill (Permit # 96-06)

Dear Mr. Allison,

The Solid Waste Section has received the results for the first set of baseline samples collected at the Wayne County lined landfill facility, along with your letter of January 19 to Mr. Steve Jones of Environment 1, Inc. In your letter you state that "if after the first sampling event no volatile organic compounds are detected in any well at the site, baseline sampling may continue for appendix I metals only". This is no longer correct.

Your statement is consistent with the policy delineated in the June 24, 1994, Memorandum from the Solid Waste Section to MSWLF Owners And Operators. However, this policy was established in the context of the Transition Plans for primarily unlined landfills. Most of these landfills already had documented exceedences of the N.C. Groundwater Standards and were therefore already required to proceed with assessment monitoring.

This is not deemed appropriate for new lined MSWLF units. Rule .1633 requires "four independent samples from each well" "for the Appendix I constituents". It is in the best interest of the landfill owner/operator to establish as full a baseline statistical data base as possible. This is especially important at a new lined MSWLF unit.

401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE 919-733-4996 FAX 919-715-3605
AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

Environment 1, Incorporated

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

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

January 23, 1998

Mr. Richard R. Allison
Municipal Engineering Services
P.O. Box 97
Garner, NC 27529

Dear Mr. Allison:

Enclosed herein are the results for the first set of base-line samples collected at the Wayne County Lined facility. We will collect another set during February. As per your letter dated 1/19/98 we will only collect the Appendix I metals since there were no volatile organic compounds detected. A set of the data is also being forwarded to Wayne County and The Solid Waste Section.

If you have any questions please give me a call.

Sincerely,

Steve Jones

OPERATION/CONSTRUCTION MANAGERS

Municipal Services

P.O. Box 97, Garner, North Carolina 27529 (919)772-5393

CIVIL/SANITARY ENGINEERS

Engineering Company, P.A.

P.O. Box 349, Boone, North Carolina 28607 (704)262-1767

January 19, 1997

JAN 1998
Received
Solid Waste
Section

Mr. Steve Jones
Environment 1, Inc.
P.O. Box 7085
114 Oakmont Drive
Greenville, NC 27835

Reference: Wayne County Lined Landfill
Groundwater Baseline Sampling and Analysis
Project Number G97076.0

Dear Mr. Jones:

Baseline sampling at municipal solid waste landfill facilities typically requires sampling and analysis of both appendix I metals and volatile organic compounds. However, if after the first sampling event no volatile organic compounds are detected in any well at the site, baseline sampling may continue for appendix I metals only. Sampling for appendix I volatiles will not have to continue until the regular semi-annual sampling begins.

If you have any questions regarding this sampling site please contact us.

Thank you,
MUNICIPAL ENGINEERING SERVICES CO., PA

Richard R Allison
Geologist

Enclosures