

9601-MSWLF-1981

OPERATION/CONSTRUCTION MANAGERS

CIVIL/SANITARY ENGINEERS

**Municipal
Services**



**Engineering
Company, P.A.**

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

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

January 13, 1998

Mr. Bobby Lutfy, Hydrogeologist
Solid Waste Section
Division of Solid Waste Management
North Carolina Department of Environment,
Health, and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

Reference: Wayne County Lined Landfill
Project Number: G95024.7

Mr. Lutfy,

Enclosed you will find a copy of the current monitoring well and surface water sampling locations for the Wayne County Municipal Solid Waste Landfill Facility. Well locations were surveyed and staked prior to well installation and again after the wells were completed.

You will also find the Chain of Custody/Sample Request form from the first baseline sampling event as well as field logs showing stabilized water level readings. Boring logs with formation descriptions will be submitted to the Division as soon as they are completed.

If you have any questions, please feel free to contact us.

Regards,
MUNICIPAL ENGINEERING SERVICES CO., P.A.

Jim Skinner
Geologist

Cameron Johnson
Fac/Perm/CCID # 96-01 Date 7/24/12 Doc ID# DIN



ENVIRONMENT 1

WELL SAMPLING FIELD LOG

Client NEW WAYNE CO.

ID# 6029

Sample Date 2/22/97

Leave Office 5245 Mileage 187176

Arrive Facility 0900

Contact CL400

Return Office 1730

Mileage _____

Leave Facility 1630

Total Hours _____

Total Miles _____

| Location | STATIC WATER LEVEL | WELL DEPTH | FEET OF WATER | GALLONS IN WELL | GALLONS TO FURGE | NUMBER OF BAILS | TEMPERATURE, °C | CONDUCTIVITY, u/mhos | PH, Units | PH TIME OF ANALYSIS | TIME OF COLLECTION |
|--------------------|--------------------|------------|---------------|-----------------|------------------|-----------------|-----------------|----------------------|-----------|---------------------|--------------------|
| Well 1 | 12.12 | 25.11 | 12.99 | 2.1 | 6.3 | 26 | 12 | 26 | 4.8 | 1510 | 1510 |
| Well 2 | 8.72 | 22.41 | 13.69 | 2.1 | 6.3 | 26 | 11 | 31 | 4.6 | 1340 | 1340 |
| Well 3 | 3.97 | 22.72 | 18.75 | 2.9 | 8.7 | 35 | 12 | 28 | 4.2 | 1300 | 1300 |
| Well 4 | 15.83 | 27.41 | 11.58 | 1.8 | 5.4 | 22 | 12 | 55 | 4.3 | 1005 | 1005 |
| Well 5 | 16.23 | 26.15 | 9.92 | 1.6 | 4.8 | 20 | 13 | 52 | 4.1 | 1040 | 1040 |
| Well 6 | 15.30 | 27.20 | 11.90 | 1.8 | 5.4 | 22 | 13 | 33 | 4.5 | 1140 | 1140 |
| Well 7 | 6.79 | 22.81 | 16.02 | 2.6 | 7.8 | 32 | 14 | 47 | 5.0 | 1205 | 1205 |
| Well 8 | 9.00 | 22.53 | 13.53 | 2.0 | 6.3 | 26 | 10 | 76 | 5.0 | 1440 | 1440 |
| Well 9 | 10.29 | 25.05 | 14.76 | 2.3 | 6.9 | 28 | 14 | 31 | 4.9 | 1235 | 1235 |
| Well 10 | 12.16 | 25.27 | 13.11 | 2.1 | 6.3 | 26 | 14 | 29 | 4.7 | 1115 | 1115 |
| Well 11 | | | | | | | | | | | |
| Upstream | | | | | | | | | | | |
| Downstream | | | | | | | | | | | |
| SW 1 | | | | | | | 7 | 85 | 5.6 | 1430 | 1430 |
| SW 2 | | | | | | | 7 | 40 | 5.5 | 1320 | 1320 |
| SW 3 | | | | | | | 7 | 700 | 6.5 | 095 | 095 |
| SW 4 | | | | | | | 7 | 54 | 4.0 | 1025 | 1025 |
| MONITORING WELL #4 | | | | | | | | | | | |
| | PPH | CON | TEMP | WL | | | | | | | |

HING BIRCK

DUP

WAYNE CO. LANDFILL (LINED FACILITY)

PPH CON TEMP WL

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 SW,

OF LOCATIONS 14 NAME OF SAMPLER(S) H Logo

DATE SAMPLED 12, 30, 97

TIME SAMPLED 5:30 AM or PM

| SAMPLE LOCATION * | REQUESTED PARAMETERS * |
|--------------------|------------------------|
| <u>6029A SW1-4</u> | |
| | |
| | |
| | |
| | |

| RELINQUISHED BY (signature) | DATE | TIME | RECEIVED BY (signature) | DATE | TIME |
|-----------------------------|-----------------|-------------|-------------------------|-----------------|-------------|
| <u>Bob H Logo</u> | <u>12/30/97</u> | <u>1730</u> | <u>Jesse M. Graham</u> | <u>12/30/97</u> | <u>5:33</u> |
| | | | | | |
| | | | | | |

SAMPLES:

| | | | | | | | | | | |
|-----------------|---|-----------------------------|--|---|-----------------------------|-----------------------------|---|------------------------------|-----------------------------|--|
| RECEIVED ON ICE | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | ACID PRESERVED SAMPLES PH < 2 | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | NA <input type="checkbox"/> | BASE PRESERVED SAMPLES PH > 12 | YES <input type="checkbox"/> | NO <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| | | | CHLORINE SENSITIVE SAMPLES NEUTRALIZED | YES <input type="checkbox"/> | NO <input type="checkbox"/> | | SULFIDE SAMPLES PRESERVED WITH ZINC ACETATE, PH > 9 | YES <input type="checkbox"/> | NO <input type="checkbox"/> | |

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