020 19W 040789

| Fac/Perm/Co ID # | Date | Doc ID# |
|---|---|---|
| BC | 05 13 89 | DIN |

# RECORD OF COMMUNICATION

☑ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE

☐ OTHER (SPECIFY)

(Record of item checked above)

TO: Bobby Luffy
Solid Waste Branch

FROM: Bill Barriger
Alexander Co.

DATE 4-7-89

TIME 4:45 P.M.

SUBJECT Additional G.W. monitoring wells needed at Alexander Co. L.F.

SUMMARY OF COMMUNICATION

Mr. Barriger called to say they are starting in a new area of the landfill. They need some additional G.W. monitoring wells. He requested our input re: how many wells they need and where they should be sited, etc.

– presently have 2 wells

At intersection of N.C. 90 + N.C. 16 in Taylorsville go south on N.C. 16 about 1/4 mile to Co. office bldg. on left (across from High School football field).

255 Liledoun Rd.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

① Send letter ~~with~~ re: G.W. monitoring well requirements

② Set up meeting with them on Tues. May 9 at 1:00 p.m.
at Alexander Co. Office Bldg.
255 Liledoun Rd.
Taylorsville, N.C. 28681

INFORMATION COPIES
TO: Mike Babuin

EPA Form 1300-6 (7-72)

JAN 12 198

# GROUND WATER MONITORING WELL DOCUMENTATION SHEET

Date: 12-7-87 Site Name: Alexander Co. Landfill Site Desc.: _____ (munic.-indus./sani.-demo) District: _____

Permit #: 2 County: Alexander Co Site Address: _____ Site Contact: _____

Abbreviations: PVC = Polyvinylchloride; GS = Galvanized Steel; S = Steel; SS = Stainless Steel

| Well # | Type of Casing | | Size of Casing | | Depth from Top of Outer Casing | | Feet of Standing Water | Stickup Height | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | inner | outer | inner | outer | to Bottom | to Water | | inner | outer | |
| 1 | 4 | / | PVC | / | 36' | 26' | 10' | 46" | | Bailed well dry No outer casing |
| 2 | 4 | / | PVC | / | 32 | Dry | Dry | 6" | | Dry hole No outer casing |
| | | | | | | | | | | |
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JAN 1 2 198

BLACK & VEATCH, INC.
CONSULTING ENGINEERS
TEL. (919) 672-3600
ENVIRONMENTAL LABORATORY DEPARTMENT
110 WEST WALKER AVENUE
ASHEBORO, NORTH CAROLINA 27203
MAILING ADDRESS: P.O. BOX NO. 728
ASHEBORO, NORTH CAROLINA 27204-0728

# REPORT OF ANALYSIS

Lab I.D. Number: 7-12-112
B&V Project No.: 3208

Client: Alexander County Landfill
Sample Point: Monitoring Well #1
Date Sampled: 12/07/87 @ 1230 Hours
Received by Lab: 12/07/87 @ 1510 Hours
Analyst: Busick, Pugh, Spivey, Smith, Willett, I.E.A. Lab
Date Reported: 01/08/88

Certified by: Walter L. Miller

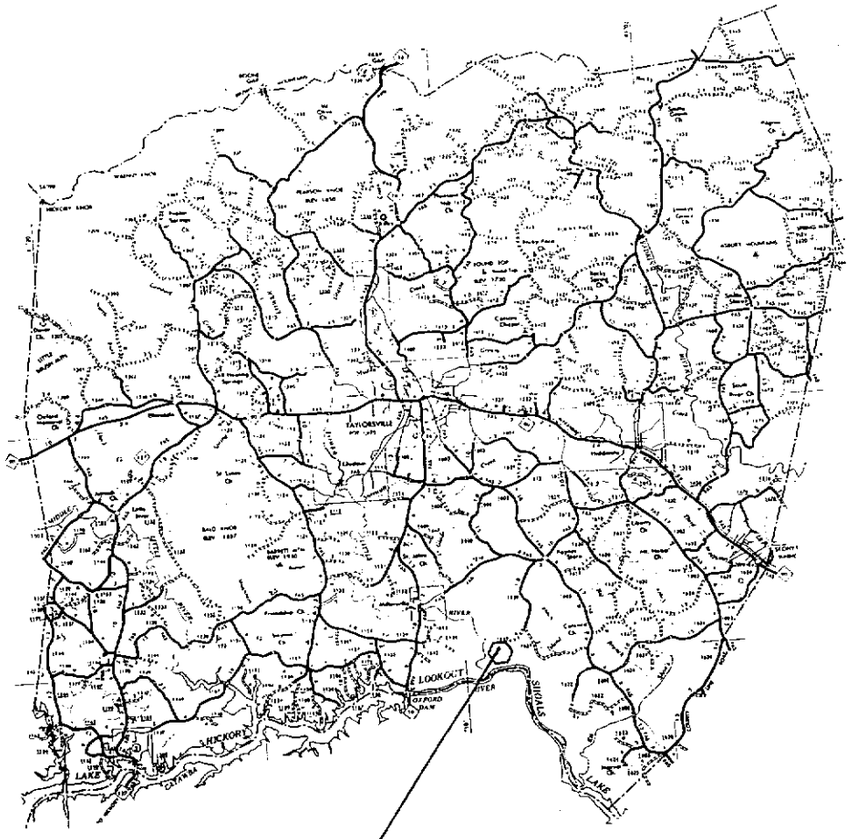
| PARAMETERS | RESULTS |
|---|---|
| BOD, 5-Day (mg/l) | 208 |
| Chloride (mg/l) | 30 |
| COD (mg/l) | 350 |
| Conductivity (µmhos) | 270 |
| Fluoride (mg/l) | 0.10 |
| Nitrate-Nitrogen (mg/l) | 0.11 |
| pH (units) | 5.2 |
| Total Dissolved Solids (mg/l) | 293 |
| Sulfate (mg/l) | <2 |
| TOC (mg/l) | 140 |
| TOH (mg/l) | 0.83 |
| Silver (mg/l) | <0.005 |
| Arsenic (mg/l) | <0.050 |
| Barium (mg/l) | 0.31 |
| Cadmium (mg/l) | <0.005 |
| Total Chromium (mg/l) | <0.010 |
| Copper (mg/l) | 0.014 |
| Iron (mg/l) | 34.9 |
| Mercury (mg/l) | <0.0005 |
| Manganese (mg/l) | 9.15 |
| Lead (mg/l) | <0.05 |
| Selenium (mg/l) | <0.010 |
| Zinc (mg/l) | 0.055 |

NCNRCD LAB CERT. NO. 18

NCSDWA LAB CERT. NO. 37700

LEGEND

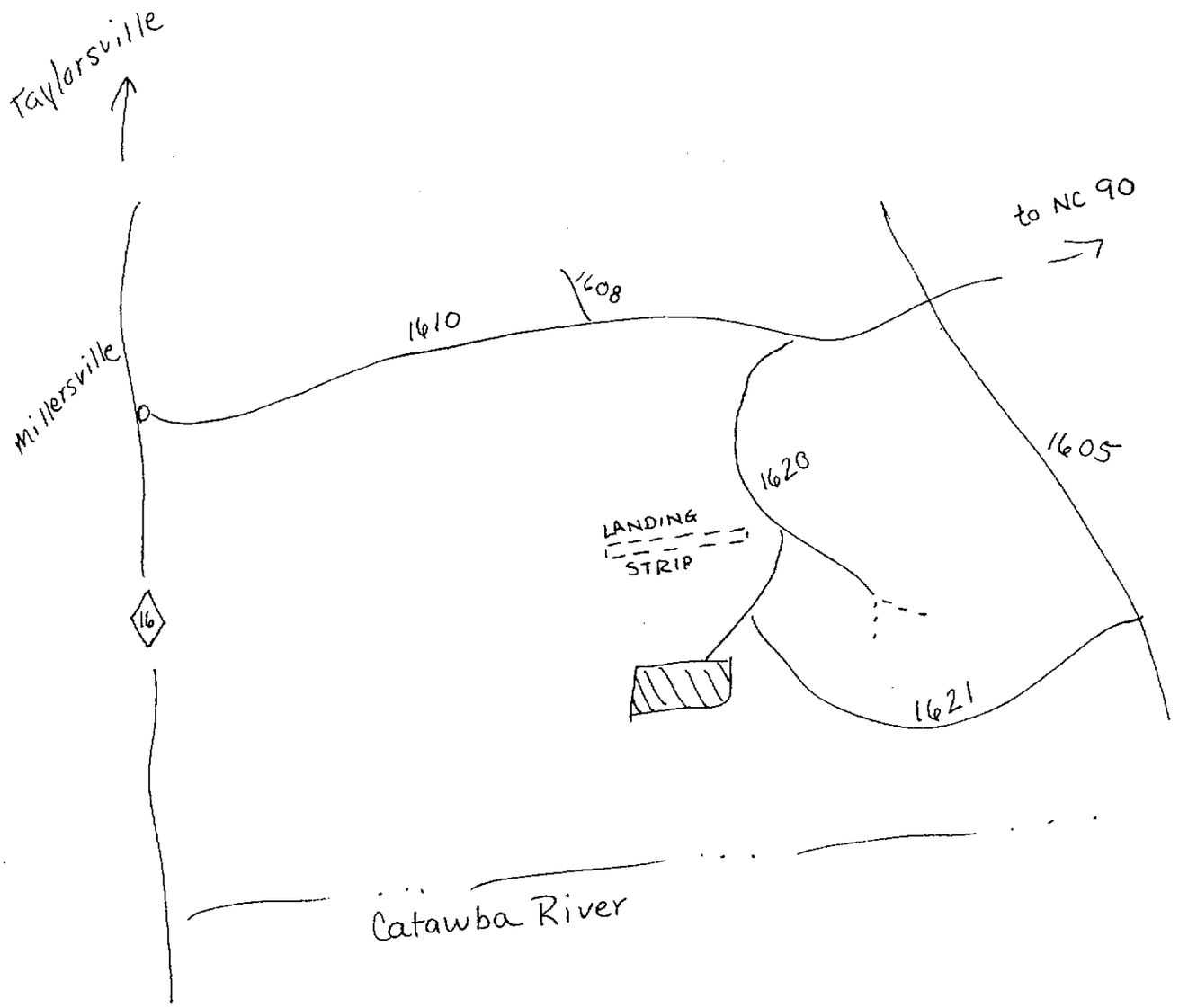
- ☐ PROPOSED LANDFILLS
- ⬡ EXISTING LANDFILLS
- △ OPEN DUMPS




Alexander Co. LF
02-01
SR 1620

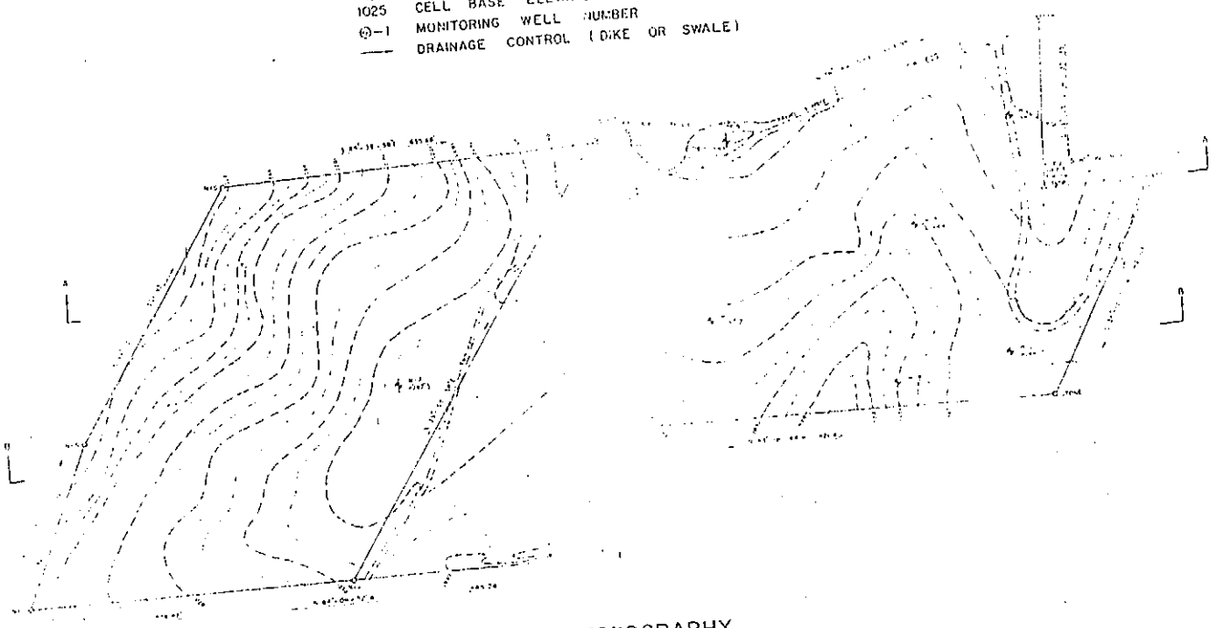
# ALEXANDER COUNTY

NORTH CAROLINA

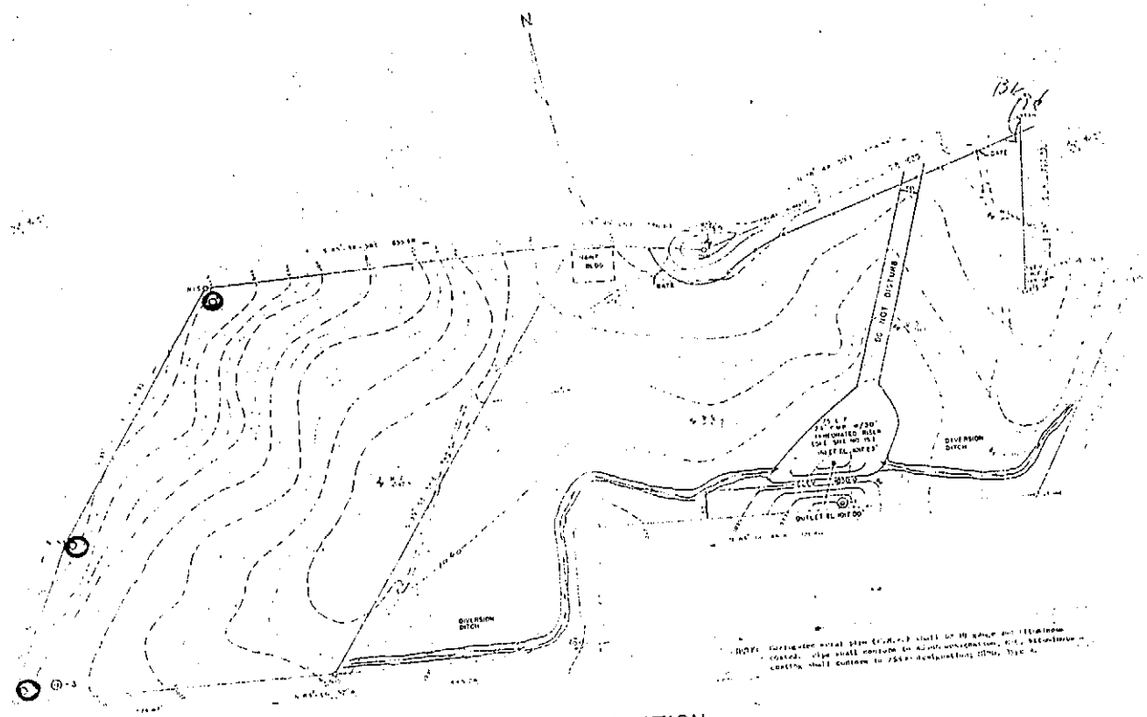

Taylorsville
to NC 90
1608
1610
Millersville
1605
1620
LANDING
STRIP
16
1621
Catawba River

LEGEND

N.I.S. NEW IRON STAKE
E.I.S. EXISTING IRON STAKE
P.I.R. POINT IN ROAD
BORING NUMBER AND SURFACE ELEVATION
FENCE
(1) CELL NUMBER
1025 CELL BASE ELEVATION
⊕-1 MONITORING WELL NUMBER
DRAINAGE CONTROL (DIKE OR SWALE)



EXISTING TOPOGRAPHY




SITE PREPARATION

02-01

ALEXANDER COUNTY SANITARY LANDFILL