



Jan McHargue  
Proposed Avery County C&D  
January 2, 1996  
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4. Detailed topographic coverage will need to be extended over the entire site.
5. Additional borings and piezometers, sufficient to produce a potentiometric map for the entire site, and to characterize the subsurface throughout the entire site, will need to be done. One of these additional borings will need to be advanced to a depth of 50 feet. Locations of borings L-1 and T-1 through T-5 need to be marked on the plan sheets.
6. Estimates of permeabilities for lithologic units were obtained by analyzing slug test data using a method designed for confined aquifers. The data needs to be analyzed again using a method appropriate for unconfined aquifers, either the Bouwer and Rice method, or the Hvorslev method, if the piezometer screens are completely below the water table.
7. The consultants will need to provide an estimate of long-term seasonal high water levels at the site. Along with additional readings from piezometers at the site, hydrographs from recording wells in that part of the state or climatological and rainfall records can be used to determine the magnitude of seasonal variation expected at the site, and the range of variation in the seasonal high over the past decade or so. This demonstration will be needed to determine if vertical separation between proposed base grades and the expected highs are sufficient.
8. The water quality monitoring plan needs to contain text describing sampling frequency and procedures, plus analytical protocols. A copy of *Sampling and Analysis Requirements for Construction and Demolition Landfills and Closed Sanitary Landfills* is attached for reference. Proposed monitoring well MW-2 would serve better if located nearer to the draw, about 100 feet further north from its currently proposed location.

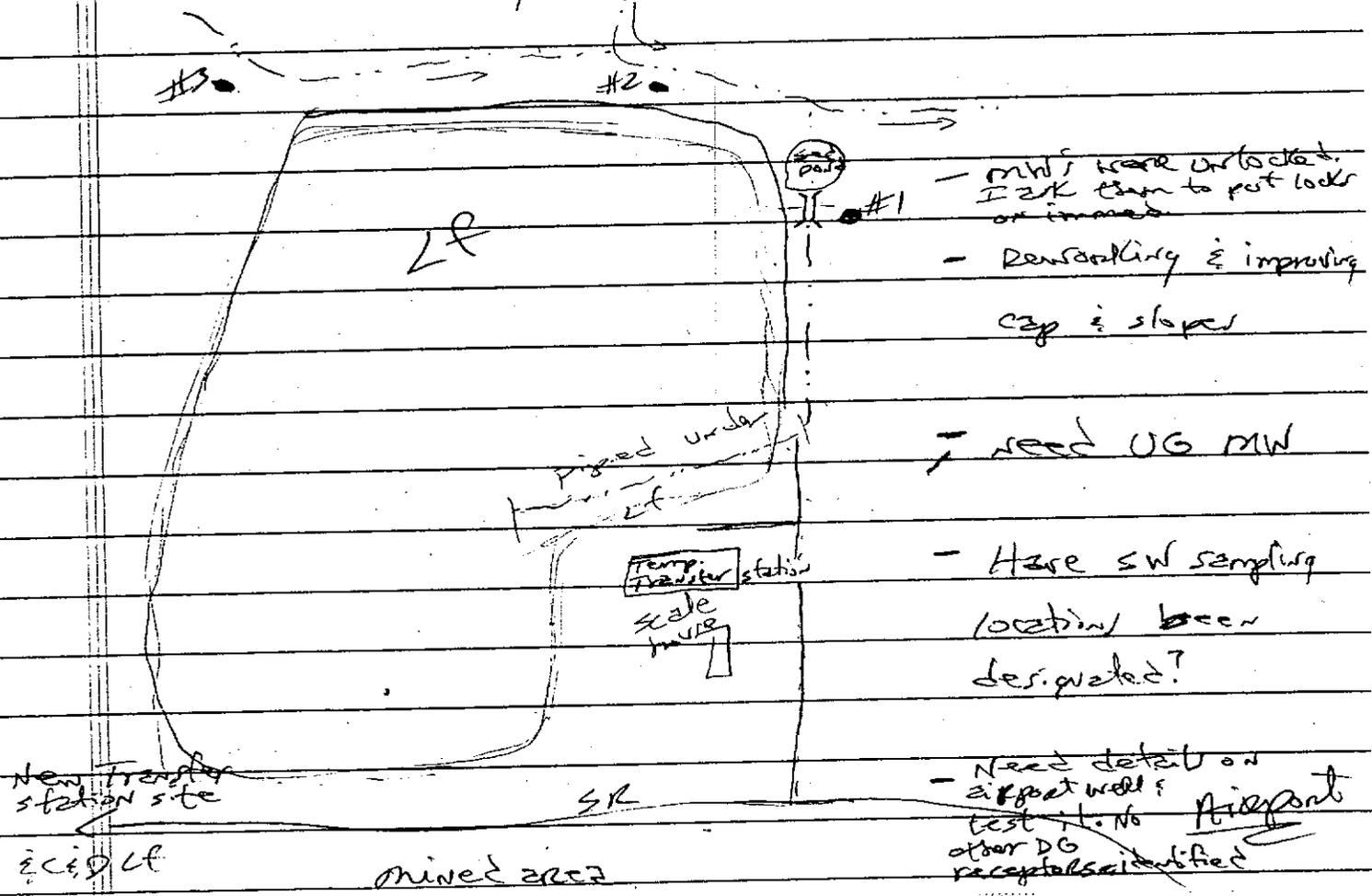
I suggest meeting with the consultants to discuss the permit application. This may be concurrent with our planned site visit in January, or at the Raleigh office. My telephone number is (919) 733-0692, ext. 342.

Avery Co. LF-site visit 8-20-96

Present were Randall Fletcher (Solid Waste Director)

D.S. ? (LF Supl.) Al Hetzold

All MW's showing GW content.



- MW's were unlocked. I 2K them to put locks or immerse
- Resurfacing & improving cap & slopes

- need UG MW

- Have SW sampling location been designated?

- Need detail on support well & test it. No other DG receptors identified

Alyson

Have <sup>Avery</sup> Co. submit a plan (write letter Monday)

- UG well
- Sample Airport well
- Location of new SW intake on Brushy creek

AL Hotzell said  
it was to be up stream  
of 2E.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

Talked w/ Tina Bateson - His view of the site  
- after a closure review site  
visit.

- not a good place for an UG MW
- Last round of data revealed only 2 constituents  
slightly > 2L
- We have 2 good SW sampling points proposed

INFORMATION COPIES

TO:

to be sampled from NW MW

- Keep a close eye on data in the future  
for significant changes.