



UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
11332/5
NREAD

NOV 14 1985

From: Supervisory Chemist, Water Quality Control Laboratory,
Environmental Branch
To: Supervisory Ecologist, Environmental Branch
Subj: HOLCOMB BLVD EXPANSION TEST WELLS; ANALYSIS OF
Ref: (a) Phoncon with Mike Bell, NC Division of Health Services
on 1 November 1985 at 1545
Encl: (1) Table of Results of Holcomb Blvd Expansion Test Wells

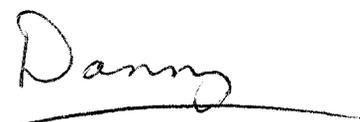
1. As requested, I talked to Mr. Bell of the N.C. Division of Health Services about what we had found in the test wells. I informed Mr. Bell that the method of sampling involved a gas-powered air compressor to force the water out.
2. Mr. Bell agrees that it is possible that the chemicals we found could be coming off the compressor. Mr. Bell stated that the fact we didn't see our usual contaminants is inconclusive. He recommended even though we don't expect to see any, the sampling procedure could have caused the contaminants to be volatilized before collection. He recommended further sampling designed to collect volatiles without a gas-powered air compressor.
3. Enclosure (1) is a table summarizing the test well results sampled so far.


ELIZABETH A. BETZ

Betz: I need a recommendation on whether or not to resample. Contact Junior Johnson, and see if we (i.e. BMO and NREAD) are satisfied with quality control and are prepared to drill well based on attached info. Your input is, how dependable is info in the enclosure.

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TABLES OF RESULTS OF HOLCOMB BLVD EXPANSION TEST WELLS

Units = ppb (ug/l)

TEST WELL LOCATIONS	COLLECTED	ETHYL BENZE	TOLUENE	XYLENES	BENZENE	ACETONE	ETHYLHEXANOL	PENTANAL	C ₆ H ₁₂ O	HEPTANAL	PROPYLBENZENE
1	9-9-85	2	4	14	ND						ND
2 (94')	8-14-85	2	2	11	ND						ND
3 (82-92')	9-9-85	ND	ND	7.2	2.2	ND					ND
4 (84-94')	8-16-85	2	3	15	ND						ND
5 (86-96') (126-136')	7-19-85 7-19-85	4 4	9 8	26 26	ND ND	6 42	6 ND	ND 15	8 6		ND 4
6 (84-94')	7-25-85	2	3	13	ND						ND
7	NO SAMPLE	TOO WET									
8 (121-131')	9-3-85	ND	3	10	ND						ND
9*(80-90')	8-22-85	2	4	14	ND						ND
10 (80-90')	8-28-85	4.4	21	30	5.9	ND					ND
11 (82-92') (125-135')	9-13-85 9-13-85	1.5 ND	3.0 2	12 9.6	ND 1.5	ND					ND ND
12 (85-95')	9-20-85	2	4	12	ND						ND
13 (84-94')	10-2-85	2	4	16	5	ND					ND
14	NO SAMPLE	TOO WET									

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ND = Non-Detected
* = According to phoncom with Mr. Price, Util B; this location may move.