

DEPARTMENT OF THE NAVY

Memorandum

DATE: 12 January 1982

FROM: Ms. Betz, Quality Control Lab., Environmental Section, NREAB, BMaintDiv

TO: Mr. Sharpe, Supervisory Ecologist, Environmental Section, NREAB, BMaintDiv

SUBJ: Summary of 1981 Bacteria Analysis for Marine Corps Base's Eight Water Treatment Plants

1. For the year 1981 the Quality Control Lab processed 2090 regular water samples for all eight water treatment plants. According to the population statistics on hand (May 1978) we were required to run 768 samples. Below is a table showing the breakdown for the 2090 samples.

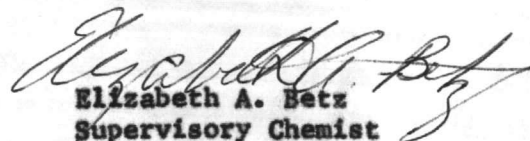
<u>Plant-</u>	<u>Required Samples</u>	<u>#/Year</u>	<u># with No Growth*</u>	<u># with Growth**</u>	<u># of Positives*</u>
Hadnot Point	30/month 360/Year	446	443	3	0
Marine Corps Air Station	12/month 144/Year	547	545	2	0
Holcomb Blvd	9/month 108/Year	317	311	2	4
Tarawa Terrace	6/month 72/Year	157	156	2	0
Rifle Range	2/month 24/Year	157	156	1	0
Courthouse Bay	2/month 24/Year	207	207	0	0
Onslow Beach	1/month 12/Year	103	103	00	0
Montford Point	2/month 24/Year	156	154	1	1
Total	64/month 768/Year	2090	2074	111	5

* Positive is 5 or more colonies of Coliform

** With Growth refers to samples with 1-4 colonies of Coliform

2. As the above table shows, ~~that~~ Courthouse Bay and Onslow Beach showed no coliform growth at all for 1981. Holcomb Blvd. and Montford Point systems are the only ones to have any positives in 1981.

3. On top of the 2090 samples the lab also ran 22 other samples that were either duplicates of samples containing growth or extra samples in the same area where a positive was taken. A private lab gets \$7.50 per sample, the state charges \$5.00. Plus there were controls that would be charged.


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