

GRAINGER LABORATORIES

INCORPORATED

ANALYTICAL AND CONSULTING CHEMISTS

709 West Johnson Street

Raleigh, North Carolina 27603

(919) 828-3360

ANALYTICAL LABORATORY

Environment Analysis
Construction Materials
Identification of Unknowns
Agriculture
Fuels
Textiles
Chemicals
Hazardous Waste

September 23, 1982
82-4805

Commanding General
Marine Corp. Base
Camp Lejeune, NC 28542

Attention: AC/S Facilities

Subject: Analyses of samples received 9/7/82

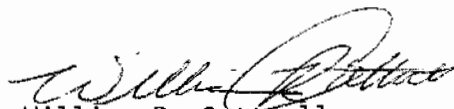
Sample Identification: Purchase Order M93182-2242-0001

1. HB, 0930, 8.2, 19
2. TT, 0945, 8.2, 20
3. MP, 1005, 7.1, 20
4. NR, 1035, 7.6, 20
5. RR, 1100, 8.0, 23
6. CHB, 1125, 7.9, 21
7. OB, 1145, 7.1, 21
8. HP, 1210, 8.8, 20

For results see attached page.

CONSULTATION

Metallurgical Services
Pollution Abatement
Process Development
Quality Control
Methods Development
Special Investigation
Pesticides
RCRA


William R. Cottrell
Laboratory Supervisor

WRC/ab
cc: Elizabeth Betz



CLW
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RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
pH	8.20	8.20	7.10	7.6	8.00	7.90	7.1	8.80
Temperature, °C	19.0	20.0	20.0	20.0	23.0	21.0	21.0	20.0
Total Alkalinity, as CaCO ₃ , mg/l	82.3	76.4	166	136	151	164	155	51.9
Total Filterable Residue, mg/l	10	152	126	320	230	246	140	106
Calcium, as CaCO ₃ , mg/l	56.1	101	41.9	48.0	44.3	50.0	111	40.9
Stability Index (Langelier)	0.03	0.19	-0.95	-0.59	0.06	-0.12	-0.54	0.25
Sodium, as Na, mg/l	24.4	19.8	81.9	79.8	88.7	81.5	66.4	20.7

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