

THOMAS AND HUTTON ENGINEERING CO.

20 BAY STREET, EAST
SAVANNAH, GEORGIA 31402

HUE THOMAS, JR.
JOSEPH J. HUTTON

January 5, 1976

W. G. FOSTER
F. V. GEORGE, JR.

Mr. Harold Gill
U. S. Geological Survey
6481 Peachtree Industrial Blvd.
Suite B
Duraville, Georgia 30340

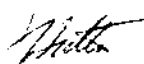
Dear Harold:

Enclosed is a copy of the chemical analysis of the water samples at various depths in the Test Well near Pooler, Georgia.

Thank you for your help.

Sincerely,

THOMAS & HUTTON ENGINEERING CO.


Joseph J. Hutton

IJH/lft

enclosure

SAVANNAH LABORATORIES

P.O. BOX 13842

MONTGOMERY SHOPPING CENTER

SAVANNAH, GEORGIA 31406

Telephone 912-234-4418

EXHIBIT 4

Samples from MPC Test Well Lakeside Water Co.

| Depth (ft) | <u>3220</u> | <u>3090</u> | <u>2570</u> | <u>20</u> |
|--------------------------|-------------|-------------|-------------|-----------|
| Turbidity (JCU) | 48 | 42 | 135 | 8 |
| Color | 98 | 90 | 76 | 20 |
| Chloride (Cl) | 216 | 275 | 2700 | 24.5 |
| Total Alk. (CaCO3) | 662 | 868 | 1634 | 60 |
| Carbonate Alk. (CaCO3) | 0 | 0 | 0 | 0 |
| Bicarbonate Alk. (CaCO3) | 662 | 868 | 1634 | 60 |
| Hardness (CaCO3) | 42 | 44 | 56 | 10 |
| Iron (Fe) | 0.76 | 0.92 | 0.16 | 0.96 |
| Manganese (Mn) | 0.02 | 0.02 | 0.03 | 0.01 |
| Silica (SiO2) | 74 | 82 | 15 | 11 |
| Bicarbonate (HCO3) | 542 | 710 | 1993 | 73 |
| Sulfate (SO4) | 12 | 14 | 37 | 3 |
| Carbonate (CO3) | 0 | 0 | 0 | 0 |
| Fluoride (F) | 6.8 | 9.7 | 10.1 | 0.1 |
| pH value | 7.6 | 7.5 | 7.5 | 5.9 |
| Dissolved Solids | 1240 | 1840 | 4151 | 231 |
| Copper (Cu) | 0.06 | 0.07 | 0.10 | 0.02 |
| Aluminum (Al) | 0.02 | 0.02 | 0.02 | 0.02 |

James W. Andrews