

REPORT NO.
F00176-800
ACCOUNT NUMBER
00001

A & L GREAT LAKES LABORATORIES, INC.

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TO: A & L GREAT LAKES LABORATORIES
3505 CONESTOGA DRIVE
FORT WAYNE, IN 46808

FOR: LIVESTOCK WATER
SUITABILITY TEST PKG

REPORT OF ANALYSIS

LAB NUMBER: 10001
SAMPLE ID: BARN WATER

DATE SAMPLED: 6/20/00
DATE RECEIVED: 6/21/00
DATE REPORTED: 6/27/00

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| PARAMETER | RESULT | UNIT | DETECTION LIMIT | ANALYST | ANALYSIS DATE | METHOD REFERENCE |
|----------------------------------|--------|---------|-----------------|---------|---------------|------------------|
| Conductivity | 0.32 | mmho/cm | 0.01 | JAS | 6/26/00 | EPA-120.1 |
| pH | 7.8 | | 0.1 | JAS | 6/26/00 | EPA-150.1 |
| Solids, Total Dissolved (est.) | 205 | mg/L | 6 | JAS | 6/26/00 | SM(17th)-2510A |
| Chloride | 7.30 | mg/L | 2.42 | JAS | 6/26/00 | EPA-325.2 |
| Nitrogen, Nitrate+Nitrite (as N) | BDL* | mg/L | 0.20 | JAS | 6/26/00 | EPA-353.1 |
| Sulfur (as SO4) | 22 | mg/L | 1 | JAS | 6/26/00 | EPA-200.7 |
| Calcium | 51 | mg/L | 1 | JAS | 6/26/00 | EPA-200.7 |
| Iron | 0.05 | mg/L | 0.05 | JAS | 6/26/00 | EPA-200.7 |
| Potassium | BDL* | mg/L | 1 | JAS | 6/26/00 | EPA-200.7 |
| Magnesium | 11 | mg/L | 1 | JAS | 6/26/00 | EPA-200.7 |
| Manganese | 0.10 | mg/L | 0.04 | JAS | 6/26/00 | EPA-200.7 |
| Sodium | 3 | mg/L | 1 | JAS | 6/26/00 | EPA-200.7 |

* BDL - Below detection level of method utilized.