



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C07071347-009
Client Sample ID: 1836508 (8272)

Report Date: 08/17/07
Collection Date: 07/26/07 09:01
Date Received: 07/28/07
Matrix: Aqueous

| Analyses | Result | Units | Qual | MCL/ | | Method | Analysis Date / By |
|--------------------------------------|--------|-------|------|------|-----|-------------|----------------------|
| | | | | RL | QCL | | |
| MAJOR IONS | | | | | | | |
| Alkalinity, Phenolphthalein as CaCO3 | 40 | mg/L | | 1 | | A2320 B | 07/30/07 19:50 / bas |
| Alkalinity, Total as CaCO3 | 613 | mg/L | | 1 | | A2320 B | 07/30/07 19:50 / bas |
| Bromide | ND | mg/L | | 0.50 | | E300.0 | 08/07/07 05:43 / bt |
| Calcium | 1.2 | mg/L | | 0.5 | | E200.7 | 08/07/07 17:33 / ts |
| Chloride | 20 | mg/L | | 1 | | A4500-Cl B | 08/01/07 13:39 / jl |
| Fluoride | 2.2 | mg/L | | 0.1 | | A4500-F C | 07/31/07 13:11 / bas |
| Magnesium | ND | mg/L | | 0.5 | | E200.7 | 08/07/07 17:33 / ts |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 07/31/07 15:26 / ljl |
| Potassium | 0.9 | mg/L | | 0.5 | | E200.7 | 08/07/07 17:33 / ts |
| Silica | 13.6 | mg/L | | 0.1 | | E200.7 | 08/07/07 17:33 / ts |
| Sodium | 306 | mg/L | | 0.5 | | E200.7 | 08/07/07 17:33 / ts |
| Sulfate | 87 | mg/L | | 1 | | A4500-SO4 E | 07/30/07 15:50 / zd |
| METALS - DISSOLVED | | | | | | | |
| Aluminum | 6 | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Antimony | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Arsenic | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Barium | 5 | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Beryllium | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Boron | 1100 | ug/L | | 100 | | E200.7 | 08/07/07 17:33 / ts |
| Cadmium | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Chromium | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Cobalt | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Copper | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Iron | ND | ug/L | | 30 | | E200.7 | 08/07/07 17:33 / ts |
| Lead | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Lithium | 22 | ug/L | | 1 | | E200.8 | 08/16/07 01:02 / bws |
| Manganese | 2 | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Molybdenum | 1 | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Selenium | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Strontium | 45 | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Thallium | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Vanadium | ND | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| Zinc | 1 | ug/L | | 1 | | E200.8 | 08/11/07 03:46 / sml |
| DATA QUALITY | | | | | | | |
| A/C Balance (± 5) | 4.73 | % | | 250 | | Calculation | 08/13/07 13:16 / bws |
| Anions | 14.7 | meq/L | | 250 | | Calculation | 08/13/07 13:16 / bws |
| Cations | 13.4 | meq/L | | 250 | | Calculation | 08/13/07 13:16 / bws |

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.