

JOB ID : HERNANDO-970410-03 FOR HERNANDO COUNTY HEALTH DEPARTMENT  
 SAMPLE ID : 75043 / 970410-031

**A**

Florida Unique Well ID . . . AAB9497  
 Sample/Contact Name . . . JOHN SMITH  
 Sample Description/Comment . . . FILTER  
 Street Address . . . . . 1234 SOUTH ST.  
 City . . . . . ANYWHERE  
 State . . . . . FL  
 5-digit Zip Code . . . . . 34567  
 County Name . . . . . HERNANDO  
 County Code . . . . . 27  
 Water System/Well ID . . . 185  
 System Code/Well Type . . . 42  
 Date Sample Taken . . . . . 7-APR-1997 12:15:00.00  
 Date Received . . . . . 10-APR-1997 09:30:59.00  
 Project ID . . . . . HSET  
 Sample Collector . . . . . JONES  
 Matrix ID . . . . . WATER  
 Sample Type . . . . . PRE  
 Treatment/Classification . . . GW0  
 Sample Priority . . . . . 5  
 Test Schedule . . . . . PURGEABLES

**B**

**C**

RESULTS UNITS QUALIFIERS

ANALYSIS: [Field Chlorine Measurement]  
 COMPONENTS: FIELD CHLORINE..... 0

ANALYSIS: [Field pH value]  
 COMPONENTS: PH..... 6.7

ANALYSIS: [Purgeable organics / EPA 524.2]  
 COMPONENTS: TENTATIVELY IDENTIFIED VOLATILES DETECTED  
 Date and time analyzed..... 10-APR-1997 14:37  
 Analyst name..... ANA FE

	RESULTS	UNITS	QUALIFIERS
DICHLORODIFLUOROMETHANE.....	0.38	ug/L	U
CHLOROMETHANE.....	0.31	ug/L	U
VINYL CHLORIDE.....	0.29	ug/L	U
CHLOROETHANE.....	0.27	ug/L	U
BROMOMETHANE.....	0.30	ug/L	U
TRICHLOROFUOROMETHANE.....	0.44	ug/L	U
1,1-DICHLOROETHYLENE.....	0.25	ug/L	U
DICHLOROMETHANE (METHYLENE CHLOR)	0.18	ug/L	U
METHYL-TERT-BUTYL-ETHER (MTBE)..	17	ug/L	U
T-1,2-DICHLOROETHYLENE.....	0.23	ug/L	U

**G**

**H**

Result Qualifier Key:  
 U - Component not detected; result value is the method

## HOW TO READ THE LABORATORY REPORT

The back of this page is an Example Laboratory Report and should look very similar to the one you received. The number of analysis components on the example report has been reduced for simplification. Your report will include all chemicals that were screened in the water sample. Please use the following key to help explain the different parts of the report.

**A** SAMPLE ID - This unique number is used by the laboratory to track and record the analysis results from the water sample collected from your well.

**B** Florida Unique Well ID - This unique number is used by the Department of Health and other agencies to track and record details of your well such as well depth, type of construction, pump size etc. This number is also used in a geographic information system database to accurately locate the position of the well on a map. A well tag with this number should be found on the well or in a convenient location nearby.

**C** This section provides information regarding the resident name, address, date of collection, and type of analysis conducted. Please confirm this information is correct. If you find a mistake, or you have questions, please contact the Department of Health at 850-245-4240.

**D** RESULTS - The number in this column is the detection limit of the chemical analysis performed or the concentration of the chemical found if higher than the detection limit. For example, this sample shows that BROMOMETHANE was not detected at the detection limit of .30. The sample indicates that METHYL-TERT-BUTYL-ETHER (MTBE) was detected in the water sample at a concentration of 17.

**E** UNITS - This is the unit of measurement used in the analysis. The standard unit for the sample analysis is ug/L or micrograms per liter. The 17 ug/L concentration of MTBE in the sample indicates that approximately 17 parts of this chemical were found for every one billion parts of water.

**F** QUALIFIER – This column provides a qualifier, which usually indicates precision, accuracy or defined allowable levels of the detected chemicals. For example, the qualifier U indicates the analyte was not detected. C indicates the detected chemical exceeds the Maximum Contaminant Level (MCL) as defined in Chapter 62-550, F.A.C. (Florida Administrative Code).

**G** This column lists all of the chemicals that could be detected by the chemical analysis. Screening for chemical compounds on the list was conducted, but the compound was not detected if the concentration is below the detection limit as defined in the RESULTS column.

**H** The Result Qualifier Key provides an explanation of the qualifier. A blank in this column indicates the chemical was detected, but is below the MCL.