



## Jefferson County Avera Road MSWL September 19, 2000

### Introduction

The Georgia Division of Public Health (GDPH) reviewed the 1998 Avera Road Municipal Solid Waste Landfill (MSWL) Health Consultation to evaluate adoption of recommendations and to address any significant changes in monitoring data.

### Site Description and History

Avera road is approximately one mile north of Louisville, Georgia, and is about 130 miles southwest of Atlanta. The landfill is on approximately 27.6 acres of land and is currently closed. A number of residences are in the surrounding areas. Those residences have private wells for drinking and household water.

### Environmental Sampling/Results

Monitoring well sampling started in June 1991 and continues on an annual basis. In January 1997, the Georgia Environmental Protection Division (GEPD) ordered Jefferson County to conduct an Assessment Monitoring Program at the landfill. In May 1997, Moreland Altobelli Associates, Inc. (MAAI) began sampling under the Assessment Monitoring Program.

The most current site monitoring data revealed that vinyl chloride is present in off-site natural springs at levels above the Agency for Toxic substances and Disease Registry (ATSDR) comparison values. The estimated vinyl chloride ingestion dose for anyone who might use the spring water exceeded the minimal risk level. Although no one is currently known to be using the spring water as their drinking water supply, GDPH evaluated the potential exposure because a possibility exists that someone might use the water in the future.

### Conclusions

No one is currently exposed to vinyl chloride found in spring water as a result of contamination from Avera Road MSWL. Therefore, contamination in the spring water currently poses ***no apparent public health hazard***. The contaminated spring water is not easily accessible, so people are not likely to use it for drinking, household, or recreational purposes.

### Recommendations

Prevent people from using the contaminated spring water as a drinking and household water supply.