



## DeKalb Pest Control June 24, 1998

### Introduction

The DeKalb County Health Department requested that the Georgia Division of Public Health (GDPH) evaluate the extent of past and present contamination and the potential for resulting health effects associated with DeKalb Pest Control Services, Inc., a state-listed hazardous waste site. Addressed is the extent of cleanup at this site, past contaminant levels, present contaminant levels, and the potential or actual completed exposure pathways.

### Site Description and History

The former DeKalb Pest Control Service is located on the property of a single-family home in Avondale Estates, DeKalb County, Georgia. The site was the operating facility for a commercial pesticide applicator from 1977 until 1991 when a routine inspection by the Georgia Department of Agriculture led to the discovery and reporting to the Georgia Environmental Protection Division (GEPD) of the improper disposal of waste pesticide containers and rinsate from cleaning pesticide applicators in the wooded area east of the house. Laboratory analysis of soil samples revealed elevated levels of three pesticides in soil. A request for consideration of an immediate removal was made by GEPD to the U. S. Environmental Protection Agency (EPA). Based on an EPA site inspection report and review of analytical data, EPA declined to perform further action. This site entered the GEPD Hazardous Site Inventory (HSI) database on November 17, 1994.

### Environmental Sampling/Results

A sampling and analysis program to assess the extent of contaminated soil indicated that chlordane was the only pesticide that exceeded regulatory levels. In 1995, GEPD contractors excavated and removed approximately 50 cubic yards (70 tons) of contaminated

soil, which was then incinerated. Following remediation, analytical results indicated that all chlordane levels were below regulatory levels. The area was backfilled, graded, and reseeded.

### Conclusions

Based on information currently available, GDPH concludes that the DeKalb Pest Control Services, Inc., HSI site currently poses **no apparent public health hazard** since contamination at this site was remediated to health-based cleanup levels in October 1995. Previous to corrective action, this site posed an **intermediate public health hazard** to tenants of the property who had direct contact with contaminated soil over a long period of time. Data are to be collected that should provide confirmation that no other soil or groundwater contamination is present that could result in exposure to levels of contaminants that could pose a health hazard.

### Recommendations

- Further evaluate this site as planned pursuant to the conditions of the Compliance Status Report in an effort to assess background contamination levels in soil and groundwater. GEPD will make decisions regarding this recommendation.
- Until this evaluation is completed, conduct public health education to inform current occupants of the potential exposure pathway and behaviors which may decrease their risk of exposure. GDPH will provide information as appropriate.
- If elevated levels of contaminants are found in soil, further remediate the soil. GEPD will consider this recommendation.