

**M e m o r a n d u m**

To: James W. Wells, **Director**  
Department of Pesticide Regulation

Date: **August 27, 1997**

From: **Department of Pesticide Regulation - 1020 N Street, Room 161**  
Sacramento, California 95814-5624

Subject: METHYL BROMIDE MONITORING IN VENTURA COUNTY, FIRST  
LAMPLIGHTER APPLICATION

The following is a **preliminary** summary of the results **from** the second 24 hours of monitoring for the **first** methyl bromide application near the Lamplighter Camarillo Mobile Home Park. The data for the first 24 hours of monitoring are summarized in a previous memorandum, dated August **26, 1997**.

**Application:**

Approximately nine acres were treated on August 21, 1997, beginning at **6:05** a.m. and ending at **7:55** a.m. The application rate was 225 pounds per acre of 80 percent methyl bromide and 20 percent chloropicrin.

**Sampling:**

Samplers were at 17 sites around the field. Eight samplers were around **the** perimeter 30 feet **from** the edge of the field. The remaining samplers were all on the east side of the field: four samplers at **60** feet, three at 100 feet, and two at 200 feet.

The **samplers** were run for two six-hour periods, and three **12-hour** periods, for a total of 48 hours.

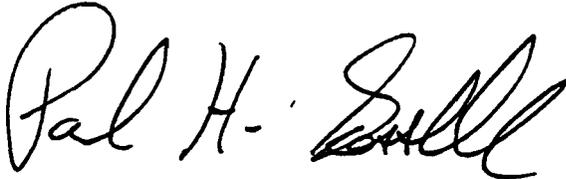
Weather data was collected **from** a weather **station on** site. These data will be used in the final report to characterize the preliminary results.

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Results:

The last two **12-hour** sample periods are summarized in this memorandum. None of the results exceeded the methyl bromide target value of 0.21 parts per million (ppm). The highest **24-hour** time-weighted average concentration detected was 0.042 ppm (site 8) at 30 feet.

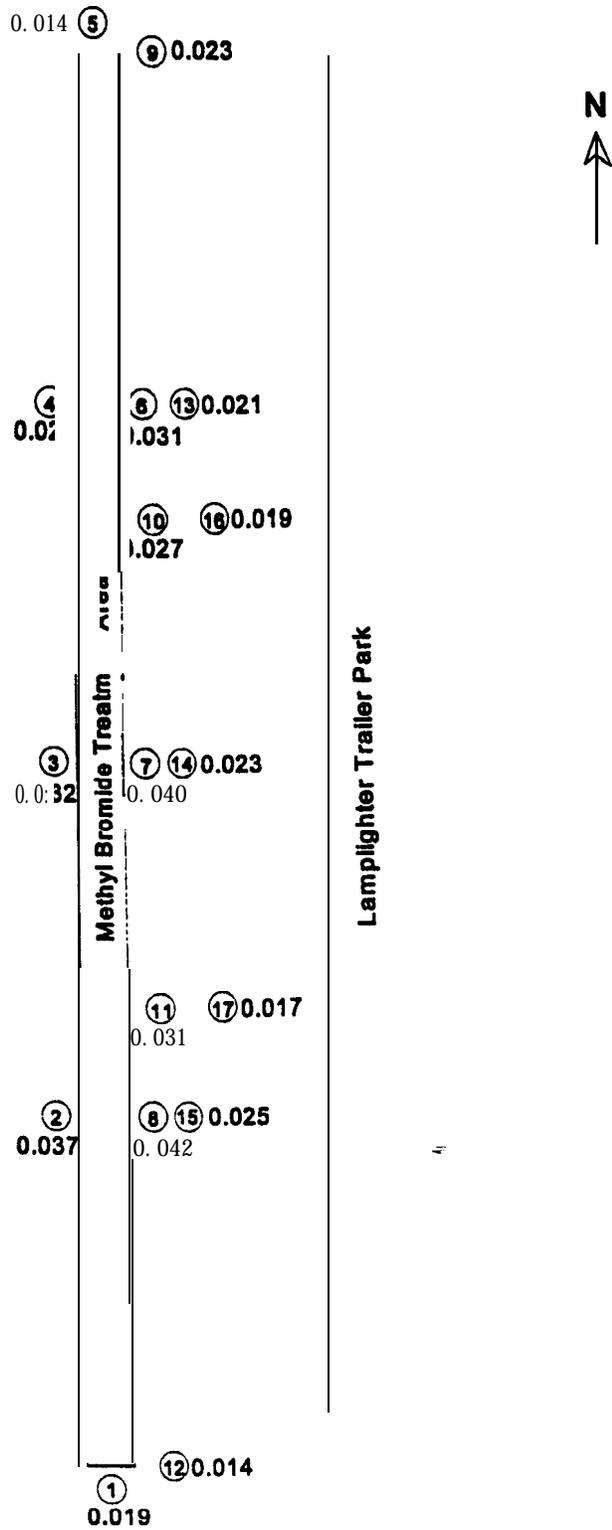
Staff will complete a detailed report on these findings in the next few weeks. I have also attached a map of the results for this application.

A handwritten signature in black ink, appearing to read "Paul H. Gosselin". The signature is fluid and cursive, with the first name "Paul" being the most prominent.

Paul H. Gosselin, Assistant Director  
Division of Enforcement, Environmental  
Monitoring, and Data Management  
(916) 445-3884

Attachment

Figure 1. Methyl bromide **24-hour** time weighted averages (ppm) for the second 24-hours of the first Lamplighter application.



Sites 1-8 are 30 ft from field  
 Sites 9-12 are 80 ft from field  
 Sites 13-15 are 100 ft from field  
 Sites 16 and 17 are 200' ft from field