

Memorandum

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

Date: August 26, 1997

From: Department of Pesticide Regulation - 1020 N Street, Room 161
Sacramento, California 958145624

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

The following is a preliminary summary of the results from the first 24 hours of monitoring for the first methyl bromide application near the Lamplighter Camarillo Mobile Home Park.

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 50 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. We have results for the first 24 hours only. We should receive the remaining results by the end of the week.

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:

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 0.055 ppm (site 5) at 30 feet.

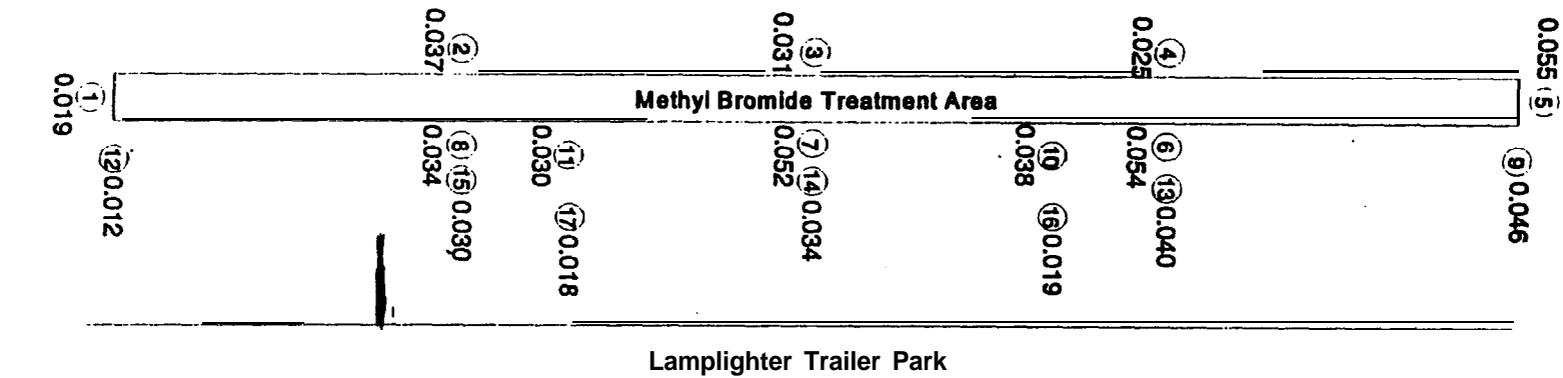
Staff will complete a detailed report on these findings in the next few weeks. I have also attached a map of the results for this application.

ORIGINAL SIGNED BY
PAUL F. GOSSELIN

Paul H. Gosselin, Assistant Director
Division of Enforcement, Environmental
Monitoring, and Data Management
(9 16) 445-3984

Attachment

Methyl bromide 24-hour time weighted averages (ppm) for the first Lamplighter application.



Sites 1-8 are 30 ft from field
Sites 9-12 are 60 ft from field
Sites 13-15 are 100 ft from field
Sites 16 and 17 are 200 ft from field