

## DISTRIBUTION:

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BAY AREA  
 AIR QUALITY MANAGEMENT DISTRICT  
 939 Ellis Street  
 San Francisco, California 94109  
 (415) 771-6000

## SUMMARY OF SOURCE TEST RESULTS

Report No. 89158Test Date: 4/14/89

Test Times:

Run A: 0910-0920

Run B: \_\_\_\_\_

Run C: \_\_\_\_\_

## SOURCE INFORMATION

## BAAQMD REPRESENTATIVES

## Firm Name and Address

ENVIRONMENTAL RESOURCES, INC  
 4070 Nelson Avenue, Ste. G  
 Concord, CA 94520

## Firm Representative and Title

Randy Chapman,  
 President

Phone No. (415) 687-1551

## Source Test Engineers

T. Underwood

Source: Alameda Landfill  
 Gas Flare Inlet

Permit Services Division / Enforcement Division

## Permit Conditions

None

Plant No. 1151 Permit No. 811

Test Requested by:

Operates 24 hrs/day 365 days/yr

D. Levaggi

## Operating Parameters:

Gas sampled before control device.

## Applicable Regulations:

## Developmental Data

VN Recommended:

NO

## Source Test Results and Comments:

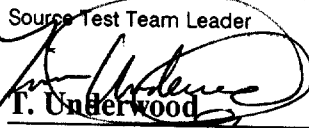
| TEST                      | RESULTS   |
|---------------------------|-----------|
| Vinyl Chloride.....       | <300 ppbv |
| Methylene Chloride.....   | <500 ppbv |
| Chloroform.....           | <2 ppbv   |
| Ethylene dichloride ..... | <100 ppbv |
| Methyl chloroform.....    | <5 ppbv   |
| Carbon tetrachloride..... | <0.3 ppbv |
| Trichloroethylene .....   | 34 ppbv   |
| Ethylene Dibromide.....   | <1 ppbv   |
| Benzene.....              | 600 ppbv  |
| Perchloroethene.....      | 33 ppbv   |
| Methane.....              | 23.8%     |
| Ethane.....               | 6.7 ppmv  |
| Ethylene .....            | 1.8 ppmv  |
| Propane.....              | 10 ppmv   |
| propylene .....           | 4.4 ppmv  |
| n-butane .....            | 3.8 ppmv  |
| Iso-butane .....          | 7.0 ppmv  |
| C4-olefin .....           | 1.7 ppmv  |
| n-pentane .....           | 1.8 ppmv  |

| TEST                         | RESULTS, ppmv |
|------------------------------|---------------|
| C5-olefin .....              | 1.0           |
| n-hexane.....                | 2.4           |
| C6-olefin .....              | 1.9           |
| n-heptane .....              | 4.9           |
| Methyl cyclo hexane .....    | 1.5           |
| C7-olefins.....              | 2.4           |
| Toluene .....                | 4.7           |
| Octane.....                  | 7.5           |
| m-xylene.....                | 37            |
| o-xylene .....               | 13.4          |
| C8-olefins.....              | 13.3          |
| Nonane .....                 | 18.7          |
| C9-olefins.....              | 47.4          |
| Cumene.....                  | 8.9           |
| Normal propyl-benzene .....  | 4.9           |
| C9+ olefins.....             | 41.9          |
| All other hydrocarbons ..... | <0.5          |

NO COMMERCIAL USE OF THESE RESULTS IS AUTHORIZED

Source Test Team Leader

Date

  
 T. Underwood

4/27/89

Senior Source Test Engineer

Date

  
 G. Fend

4/27/89

Approved by Source Test Manager

Date

  
 G. Karels

4/29/89