

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr., Diamond Bar, CA 91765-4182**

**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS**

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TO: Jason Low, Ph.D.
Atmospheric Measurements Manager
Science and Technology Advancement

LABORATORY NO: 1617408

REFERENCE NO: MSM-3-30

SAMPLE DESCRIPTION:

Ambient air at
11:25 am until 3:17 pm

DATE SAMPLED: 6/14/16

DATE RECEIVED: 6/14/16

DATE ANALYZED: 6/14/16

SAMPLE LOCATION:

Maywood Fire
Various Locations

ANALYZED BY: Daniel Iha

REQUESTED BY: Jason Low

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS
Qualitative Analysis for Toxic Organics by INFICON Hapsite Portable Gas Chromatograph
and Mass Spectrometry(MS)

Note: See attached results.

Date Approved: 6/23/16

Approved By: 
Solomon Teffera, Acting Sr. Manager
Laboratory Services Branch
(909) 396-2199

Portable GC/MS Hydrocarbon Sampling

General Process - Samples in the environs of the Maywood Fire of June 14, 2016 were taken using a SCAQMD HAPSITE portable Gas Chromatograph/Mass Spectrometer (GC/MS). This instrument is capable of detecting a variety of volatile organic compounds (VOC) at ppbv concentrations. Following is a summary of sampling times, locations and results.

1. **11:25 am** - Initial sampling was conducted near the fire site, at the corner of Fruitland Avenue and Maywood Avenue, west of the facility. No compounds were detected above 100 ppb. However, a trace of toluene was detected.

2. **12:20 pm** - A sample was collected Pilgrim Christian School, 3759 57th Street. No compounds were detected above 100 ppb. A trace of toluene was detected.

3. **1:29 pm** - A sample was collected at Fishburn Elementary School, 5701 Fishburn Avenue. No compounds were detected above 100 ppb. A trace of toluene was detected.

4. **2:16 pm** - A sample was collected on Maywood Avenue, north of Fruitland, between warehouses. A burning odor was noted. No compounds were detected above 100 ppb. A trace of toluene was detected.

5. **2:33 pm** - A sample was collected at Everett Avenue and 49th Street, north of the facility. A strong fireworks like odor was noted. No compounds were detected above 100 ppb. A trace of toluene was detected.

6. **2:53 pm** - A sample collected at Everett Avenue and 49th Street, north of the facility. A strong fireworks like odor was noted. Sample taken as wind shifted towards the sampling location. No compounds were detected above 100 ppb. A trace of toluene was detected.

7. **3:17 pm** - A sample was collected at Dekalb Avenue and Fruitland Avenue, downwind of the fire. A strong fireworks like odor was noted. No compounds were detected above 100 ppb. Trace amounts of the following compounds were detected.

Benzene
Toluene
Chlorobenzene
Naphthalene

Ethylbenzene
Styrene
Limonene
a-Methylstyrene



Fruitland Ave. and Maywood Ave.



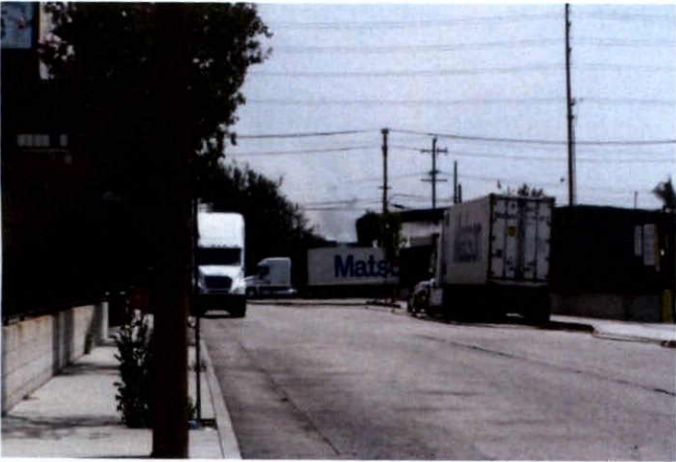
Pilgrim Christian School



Fishburn Ave. Elementary School



Maywood Ave., north of Fruitland Ave.



Everett Ave. and 49th St.



Dekalb Ave. and Fruitland Ave.

