



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

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS
(Page 1 of 2)

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

LABORATORY NO. 1619015-01 to 03

SAMPLES DESCRIBED AS:

Three 47mm Cellulose Acetate filters

REFERENCE NO.: CrVI-2-1

SUBMITTED ON: 07/15/2016

REQUESTED BY: Jason Low

SAMPLE SOURCE:

Maywood Fire – Post Clean-up
3570 Fruitland Ave.
Maywood, CA 90270

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

The samples were collected using Cellulose Acetate filters on TSP samplers over a 24-hour period. The sampling durations and locations are as follows.

Sample #1 (1619015-01) – 07/14/2016 3567 E 52nd St

Sample #2 (1619015-02) – 07/14/2016 Vernon Fire Station #1

Sample #3 (1619015-03) – 07/14/2016 Fishburn Elementary

Hexavalent Chromium Analysis by IC:

The submitted Cellulose Acetate filter samples were extracted in a sodium bicarbonate solution. Analysis for hexavalent chromium (Cr⁺⁶) was performed in accordance with SCAQMD Method #0046, (*Standard Operating Procedure for the Analysis of Hexavalent Chromium in Ambient Air by Ion Chromatography*).

Results: See page 2 for results.

Date Approved: 8/2/16

Approved By: 
Solomon Teffera, Acting Sr. Manager
Laboratory Services

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Analyte	Conc.	1619015-01 3567 East 52nd St (Sample #1)	1619015-02 Vernon Fire Station #1 (Sample #2)	1619015-03 Fishburn Elementary (Sample #3)
Cr(VI)	ng/m ³	0.03	0.05	0.05

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO. 1619015-01

TO: SCAQMD LAB: OTHER:

SOURCE NAME: _____ I.D. No. _____

Source Address: _____ City: _____

Mailing Address: _____ City: _____ Zip: _____

Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: _____ Date: _____

Approved by: _____ Office: _____ Budget #: _____

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) _____ Other

Sample Collected by: S. Boddeker Date: 7-15-16 Time: 11:05 pst

SAMPLE DESCRIPTION: Maywood ER Post Cleanup
Cellulose
Site: immediate adjacent (south) of fire (3567 E 52nd St; Maywood)

	Flow (lpm)	Volume (m ³)
(Volumetric)		
Actual	16.66	23.99
Standard	16.57	23.86

Run date: 7-14-16

Start	End
00:00	24:00

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<u>S. Boddeker</u>	<u>[Signature]</u>	SCAQMD Lab	7-15-16	1500

Remarks:

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

- DISTRICT INFORMATION
 INVOICE SOURCE
 LAP AUDIT

LABORATORY NO 1619015-02

TO: SCAQMD LAB: OTHER:

SOURCE NAME: _____ I.D. No. _____

Source Address: _____ City: _____

Mailing Address: _____ City: _____ Zip: _____

Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: _____ Date: _____

Approved by: _____ Office: _____ Budget #: _____

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) _____ Other

Sample Collected by: S Boddeker Date: 7-15-16 Time: 11:45pst
SB

SAMPLE DESCRIPTION:

Maywood ER post clean-up site: Vernon Fire Station #1

Cellulose

Run date: 7-14-16

	Flow	Volume	
(Volume) Actual	16.66 lpm	23.99 m ³	Actual
Standard	16.65 lpm	23.98 m ³	Standard

Start	End
00:00	24:00

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<u>H. Boddeker</u>	<u>Sergey P. [Signature]</u>	SCAQMD Lab	7-15-16	<u>1500</u>

Remarks:

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO 1619015-03

TO: SCAQMD LAB: OTHER:

SOURCE NAME: _____ I.D. No. _____

Source Address: _____ City: _____

Mailing Address: _____ City: _____ Zip: _____

Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: _____ Date: _____

Approved by: _____ Office: _____ Budget #: _____

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) _____ Other

Sample Collected by: S Boddeker Date: 7-15-16 Time: 12:20 PST

SAMPLE DESCRIPTION: Maywood ER post clean-up site: Fishburn Elementary

Volume Flow Run date: 7-14-16 00:00 to 24:00

23.99 a m³ 16.66 act lpm

23.99 s m³ 16.66 std lpm

Cellulose

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<u>S Boddeker</u>	<u>[Signature]</u>	<u>SCAQMD Lab</u>	<u>7-15-16</u>	<u>1500</u>

Remarks:

