



**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  
Atmospheric Measurements Manager  
Science & Technology Advancement

**LABORATORY NO.** 1611214-06 to 15

**REFERENCE NO.** AEM-10-102  
PE ICPMS-2-49

**SAMPLE DESCRIBED AS:**

Nine quartz fiber filter  
samples.

**SUBMITTED ON:** 05/04/2016 -  
05/17/2016

**REQUESTED BY:** Sumner Wilson

**SAMPLE SOURCE:**

Jordan Downs  
9800 Grape St.  
Los Angeles, CA 90002

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**ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS**

**Analysis of Metals by Inductively Coupled Plasma - Mass Spectrometry**

The quartz fiber filters were digested in a microwave oven using nitric acid. Analysis for metals was performed in accordance with SCAQMD Method #00096, (*Standard Operating Procedure for the Analysis of Metals in Filters by Inductively Coupled Plasma - Mass Spectrometer*).

**Results:**

Results for Arsenic are given in ng/m<sup>3</sup> and Lead are given in ug/m<sup>3</sup>. (See page 2 for full results)

Date Approved: 5/20/16

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

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**9800 Grape St.**  
**Los Angeles, CA 90002**

Sample No.	LAB ID	SITE NO. & STREET NAME	SAMPLER NO.	SAMPLE DATE	Arsenic ng/m <sup>3</sup>	Lead µg/m <sup>3</sup>
6	1611214-06	Site #1, Grape St.	# 4936	04/27/2016	0.59	0.007
7	1611214-07	Site #2, Laurel Pl.	# 4021	04/27/2016	0.76	0.009
8	1611214-08	Site #1, Grape St.	# 4936	05/03/2016	0.60	0.008
9	1611214-09	Site #2, Laurel Pl.	# 4021	05/03/2016	NS*	NS*
10	1611214-10	Site #1, Grape St.	# 4936	05/06/2016	0.48	0.005
11	1611214-11	Site #2, Laurel Pl.	# 4021	05/06/2016	0.45	0.006
12	1611214-12	Site #1, Grape St.	# 4936	05/12/2016	0.49	0.008
13	1611214-13	Site #2, Laurel Pl.	# 4021	05/12/2016	0.53	0.005
14	1611214-14	Site #1, Grape St.	# 4936	05/15/2016	0.37	0.006
15	1611214-15	Site #2, Laurel Pl.	# 4021	05/15/2016	0.34	0.004

NS\*: No Sample, Sampler malfunction