



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

**MONITORING AND ANALYSIS**  
**REPORT OF LABORATORY ANALYSIS**

(Page 1 of 3)

**To:** Victor Yip  
Sr. Enforcement Manager  
Compliance & Enforcement

**Laboratory No.** 1731201-01  
**Requested By** Peter Campbell  
**Rule No.** 402  
**ST No.** NA  
**Report Created** 11/17/2017

**Sampling Location**  
Various Sampling Locations  
Huntington Beach, CA

---

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

**Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)**

**See attached results and sample information.**

**Reviewed By:**



Brad Parrack  
Principal A.Q. Chemist  
Laboratory Services

**Date Reviewed:**

11/17/17

**Approved By:**



Aaron Katzenstein, Ph.D.  
Senior Manager  
Laboratory Services  
(909) 396-2219

**Date Approved:**

11/17/17



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

**MONITORING AND ANALYSIS**  
**REPORT OF LABORATORY ANALYSIS**

(Page 2 of 3)

**Laboratory No.** 1731201-01  
**Sample Description** SUMMA Canister SUMMA canister, 54558  
**Sample Comments** Detected sulfur odor at intersection of Slater and Newland in Huntington Beach. Odor intensity 2-3, winds 3-4 mph from SW.

**Sample Date** 11/07/2017

**Received Date** 11/08/2017

**Analyzed Date** 11/08/2017

**Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)**

<b>Analyte, Unit</b>	<b>Result</b>	<b>MDL</b>	<b>MRL</b>
CH <sub>4</sub> , ppmvC	2	0.2	1
CO <sub>2</sub> , ppmvC	424	0.2	1
Ethane, ppmvC	<1	0.3	1
NMNEOC, ppmvC	5	0.3	1

---



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

**MONITORING AND ANALYSIS**  
**REPORT OF LABORATORY ANALYSIS**

(Page 3 of 3)

Laboratory No.      1731201-01

**Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)**

**QUALITY CONTROL SUMMARY**

**CCV1 (CC106783)**

**Analyte, Unit**

**CO, ppmvC**

**CH<sub>4</sub>, ppmvC**

**CO<sub>2</sub>, ppmvC**

**Ethane, ppmvC**

**NMNEOC, ppmvC**

<b>Measured</b>	<b>Theoretical</b>	<b>Percent Error</b>	<b>Absolute Difference</b>	<b>QC Limit ±5% or ±1</b>
2.04	1.92	6.03	0.12	PASS
2.03	2.02	0.30	0.01	PASS
1.93	1.57	23.01	0.36	PASS
2.08	2.03	2.46	0.05	PASS
2.18	2.03	7.50	0.15	PASS

**CCV2 (CC12628)**

**Analyte, Unit**

**CO, ppmvC**

**CH<sub>4</sub>, ppmvC**

**CO<sub>2</sub>, ppmvC**

**Ethane, ppmvC**

**NMNEOC, ppmvC**

<b>Measured</b>	<b>Theoretical</b>	<b>Percent Error</b>	<b>Absolute Difference</b>	<b>QC Limit ±5% or ±1</b>
1085	1036	4.73	49.01	PASS
1082	1068	1.34	14.28	PASS
1069	1022	4.64	47.44	PASS
1072	1044	2.65	27.70	PASS
1065	1024	4.01	41.04	PASS

**CCV3 (CC106783)**

**Analyte, Unit**

**CO, ppmvC**

**CH<sub>4</sub>, ppmvC**

**CO<sub>2</sub>, ppmvC**

**Ethane, ppmvC**

**NMNEOC, ppmvC**

<b>Measured</b>	<b>Theoretical</b>	<b>Percent Error</b>	<b>Absolute Difference</b>	<b>QC Limit ±5% or ±1</b>
2.08	1.92	8.11	0.16	PASS
2.02	2.02	0.20	0.00	PASS
1.91	1.57	21.73	0.34	PASS
1.98	2.03	2.46	0.05	PASS
2.15	2.03	6.02	0.12	PASS

**CCV4 (CC12628)**

**Analyte, Unit**

**CO, ppmvC**

**CH<sub>4</sub>, ppmvC**

**CO<sub>2</sub>, ppmvC**

**Ethane, ppmvC**

**NMNEOC, ppmvC**

<b>Measured</b>	<b>Theoretical</b>	<b>Percent Error</b>	<b>Absolute Difference</b>	<b>QC Limit ±5% or ±1</b>
1083	1036	4.55	47.14	PASS
1082	1068	1.27	13.58	PASS
1071	1022	4.78	48.87	PASS
1070	1044	2.51	26.20	PASS
1064	1024	3.91	40.00	PASS



✓

1731201

# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT SAMPLE ANALYSIS REQUEST

DISTRICT  
 INVOICE  
LABORATORY



TO: SCAQMD LAB:  OTHER:

SOURCE NAME: N/A I.D. No. \_\_\_\_\_

Source Address: \_\_\_\_\_ City: Huntington Beach

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Tel: \_\_\_\_\_

Analysis Requested by: Peter Campbell Date: 11/8/17

Approved by: FRED GONZALEZ JR Office: C Compliance Budget #: 60-375

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: Peter Campbell Date: 11/7/17 Time: 1505

Specify the description and location where the sample was collected:  
Detected sulfur odor at intersection of Slater & Newland in Huntington Beach, odor intensity 2-3, winds 3-4 mph from SW.

Canister 54558

Analysis Requested: VOC

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Peter Campbell</u>	<u>K. de Leon</u>	<u>SCAQMD</u>	<u>11/8/17</u>	<u>0722</u>

Remarks: \_\_\_\_\_