



**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.** 1828301-01  
**Requested By** Kraig Morris

**Rule No.** R402

**Sampling Location**

HB Firestation #8 collected  
5292 Glenroy  
Huntington Beach, CA 92649

**ST No.** NA

**Report Created** 10/25/2018

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**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.**

**Comments: Blank subtraction performed.**


**Reviewed By:**

  
Brad Parrack  
Principal A.Q. Chemist  
Laboratory Services

**Date Reviewed:**

10/25/18

**Approved By:**

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

**Date Approved:**

10/25/2018



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**Laboratory No.** 1828301-01  
**Sample Description** SUMMA Canister 53418  
**Sample Comments** Sample collected by HBFD Engine 48 in response to plume odor in area. Strong odor present in area, dissipating upon sample collection but still present. Light NW wind, we approached through plume, most likely on tail end. Plume lasting 5 min or more.  
**Sample Date** 09/30/2018      **Received Date** 10/10/2018      **Analyzed Date** 10/10/2018

**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	0.3	1
CO <sub>2</sub> , ppmvC	423	0.2	2
Ethane, ppmvC	<1	0.4	1
NMNEOC, ppmvC	8	0.4	1

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Laboratory No.      1828301-01

**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

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1.72	1.92	10.60	0.20	PASS
1.99	2.02	1.68	0.03	PASS
1.59	1.57	1.34	0.02	PASS
2.01	2.03	0.99	0.02	PASS
1.85	2.03	8.78	0.18	PASS

**CCV2 (CC68431)**

Analyte, Unit

CO, ppmvC

CH<sub>4</sub>, ppmvC

CO<sub>2</sub>, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1039	1000	3.94	39.43	PASS
1032	1000	3.21	32.05	PASS
1050	1000	4.99	49.91	PASS
1048	1000	4.85	48.47	PASS
1008	1000	0.81	8.10	PASS

**CCV3 (CC106783)**

Analyte, Unit

CO, ppmvC

CH<sub>4</sub>, ppmvC

CO<sub>2</sub>, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
2.02	1.92	4.99	0.10	PASS
1.97	2.02	2.67	0.05	PASS
1.73	1.57	10.26	0.16	PASS
1.99	2.03	1.97	0.04	PASS
1.86	2.03	8.28	0.17	PASS

**CCV4 (CC68431)**

Analyte, Unit

CO, ppmvC

CH<sub>4</sub>, ppmvC

CO<sub>2</sub>, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1034	1000	3.43	34.34	PASS
1026	1000	2.57	25.69	PASS
1046	1000	4.61	46.07	PASS
1042	1000	4.16	41.56	PASS
1001	1000	0.10	1.02	PASS

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

DISTRICT INFORMATION  
 INVOICE SOURCE  
 LAP AUDIT

LABORATORY NO 1828301

TO: SCAQMD LAB:  OTHER:   
 SOURCE NAME: HB Fire station # 8 collected I.D. No.  
 Source Address: 5292 GLENROY City: HUNTINGTON BEACH  
 Mailing Address: 5891 HEIL ST. City: CA Zip: 926  
 Contact Person: CAPTAIN WRIGHT Title: FIRE CAPTAIN Tel: (714) 536-5464

Analysis Requested by: Kraig Morris Date: 10/10/18  
 Approved by: FRED GONZALES Office: CPE Budget #: 60375  
 REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill   
 Suspected Violation Rule(s) 402 Other

Sample Collected by: HBFD E48 Date: 9/30/18 Time: 21:31

**SAMPLE DESCRIPTION:**

SAMPLE COLLECTED BY HBFD ENGINE 48 IN  
 RESPONSE TO PLUME ODOR IN AREA. STRONG  
 ODOR PRESENT IN AREA, DISSIPATING UPON  
 SAMPLE COLLECTION BUT STILL PRESENT.

LIGHT NW WIND, WE APPROACHED THROUGH  
 PLUME (MOST LIKELY ON TAIL END). PLUME VOC ANALYSIS

REQUESTED ANALYSIS: LASTING 25 min. CANISTER 53418

Relinquished by	Received by	Firm/Agency	Date	Time
Chris Thompson	Kraig Morris	SCAQMD	10/10/18	7:40
Kraig Morris	Iliana Garcia	SCAQMD Lab	10/10/18	12:40

Remarks: