



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. 1819301-01
Requested By Kraig Morris

Rule No. R402

Sampling Location

Huntington Beach Fire Station #8
5891 Heil Ave
Huntington Beach, CA 92649

ST No. NA

Report Created 07/17/2018

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:

07/17/18

Approved By:

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

Date Approved:

7/17/18



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REPORT OF LABORATORY ANALYSIS

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Laboratory No. 1819301-01
Sample Description SUMMA Canister 54656
Sample Comments Strong odor (rotten egg) at 0939 hours. Samples collected in front of driveway of HB Fire Station #8. Odor was 4 out of 5. The wind was from SW at 5mph.
Sample Date 07/11/2018 **Received Date 07/12/2018** **Analyzed Date 07/12/2018**

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

Analyte, Unit	Result	MDL	MRL
CH ₄ , ppmvC	2	0.2	1
CO ₂ , ppmvC	445	0.1	2
Ethane, ppmvC	<1	0.2	1
NMNEOC, ppmvC	10	0.2	1



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Laboratory No. 1819301-01

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

QUALITY CONTROL SUMMARY

CCV1 (CC106783)

Analyte, Unit

CO, ppmvC
CH4, ppmvC
CO2, ppmvC
Ethane, ppmvC
NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
2.05	1.92	6.55	0.13	PASS
1.97	2.02	2.67	0.05	PASS
2.21	1.57	40.85	0.64	PASS
1.89	2.03	6.90	0.14	PASS
1.75	2.03	13.71	0.28	PASS

CCV2 (CC68431)

Analyte, Unit

CO, ppmvC
CH4, ppmvC
CO2, ppmvC
Ethane, ppmvC
NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1025	1000	2.52	25.18	PASS
1027	1000	2.73	27.26	PASS
1032	1000	3.22	32.20	PASS
1031	1000	3.07	30.66	PASS
1016	1000	1.62	16.16	PASS

CCV3 (CC106783)

Analyte, Unit

CO, ppmvC
CH4, ppmvC
CO2, ppmvC
Ethane, ppmvC
NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
2.03	1.92	5.51	0.11	PASS
2.01	2.02	0.69	0.01	PASS
2.19	1.57	39.58	0.62	PASS
1.93	2.03	4.93	0.10	PASS
2.08	2.03	2.56	0.05	PASS

CCV4 (CC68431)

Analyte, Unit

CO, ppmvC
CH4, ppmvC
CO2, ppmvC
Ethane, ppmvC
NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1021	1000	2.12	21.19	PASS
1023	1000	2.30	23.00	PASS
1026	1000	2.56	25.55	PASS
1026	1000	2.65	26.48	PASS
1008	1000	0.77	7.68	PASS

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

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO 1819301

TO: SCAQMD LAB: OTHER:

SOURCE NAME: Huntington Beach Fire Station #8 I.D. No. _____

Source Address: 5891 Heil Ave City: Huntington Beach

Mailing Address: 2000 Main St. City: Huntington Beach Zip: 92649

Contact Person: Firefighter Defries Title: PARAMedic Tel: (714) 536-5464

Analysis Requested by: Kraig Morris Date: 7/12/18

Approved by: _____ Office: CFE Budget #: 60375

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: Firefighter Defries Date: 7/11/18 Time: 0939

SAMPLE DESCRIPTION:

Strong odor (rotten egg) @ 0939 hrs. Samples collected in front driveway of HB Fire Station #8 at 5891 Heil Ave. in Huntington Beach. odor was a 4 out of 5. The wind was from the SW @ 5 mph.

- 01 Summa CAN ID # 54656 VOC ANALYSIS
- 02 Tedlar bag ID # NX3232 Sulfur ANALYSIS

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
Defries	Kraig Morris	SCAQMD	7/11/18	1540
Kraig Morris	Iliana Garcia	SCAQMD	7/12/18	0710

Remarks: