



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. 1800302-01
Requested By Kraig Morris
Rule No. R402
ST No. NA
Report Created 01/17/2018

Sampling Location

Huntington Beach Fire Station #7
3831 Warner Ave.
Huntington Beach, CA 92649

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: John B. Parrack
Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed: 01/17/18

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

Date Approved: 1/18/18



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(Page 2 of 3)

Laboratory No. 1800302-01
Sample Description SUMMA Canister 54556
Sample Comments Strong odor (petroleum) at 3831 Warner Ave. Fire Station #7. Wind 3 mph NW. Odor was 4 out of 5. There were multiple calls to the station.
Analysis Comments Sequence and QC runs span 3 days. QC results indicate that sequence length has not impacted reported values. NMNEOC overestimated by roughly 3% due to co-elution with baseline disturbance from backflush valve switch.

Sample Date 12/29/2017 **Received Date 01/03/2018** **Analyzed Date 01/08/2018**

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

Analyte, Unit	Result	MDL	MRL
CH ₄ , ppmvC	3	0.2	1
CO ₂ , ppmvC	654	0.2	2
Ethane, ppmvC	<1	0.3	1
NMNEOC, ppmvC	10	0.3	1



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(Page 3 of 3)

Laboratory No. 1800302-01

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
2.41	1.92	25.26	0.49	PASS
2.01	2.02	0.69	0.01	PASS
2.07	1.57	31.93	0.50	PASS
2.13	2.03	4.93	0.10	PASS
2.35	2.03	15.88	0.32	PASS

CCV2 (CC12628)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1068	1036	3.13	32.46	PASS
1060	1068	0.76	8.16	PASS
1051	1022	2.87	29.29	PASS
1053	1044	0.84	8.78	PASS
1054	1024	2.94	30.12	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
2.09	1.92	8.63	0.17	PASS
1.99	2.02	1.68	0.03	PASS
2.00	1.57	27.47	0.43	PASS
1.98	2.03	2.46	0.05	PASS
2.19	2.03	7.99	0.16	PASS

CCV4 (CC12628)

Analyte, Unit

CO, ppmvC

CH₄, ppmvC

CO₂, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1066	1036	2.88	29.84	PASS
1059	1068	0.85	9.13	PASS
1044	1022	2.19	22.42	PASS
1048	1044	0.38	4.01	PASS
1045	1024	2.09	21.45	PASS

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

DISTRICT
 INVOICE
 LAP AU
 LABORATORY



TO: SCAQMD LAB: OTHER: _____
 SOURCE NAME: Huntington Beach Fire Station #7 I.D. No. _____
 Source Address: 3831 Warner Ave City: Huntington Beach
 Mailing Address: 2000 Main St. City: Huntington Beach Zip: 92649
 Contact Person: Rex Rysewyk Title: Captain Tel: (760) 468-1241

Analysis Requested by: Kraig Morris Date: 1/3/18
 Approved by: Justin Eger Office: CEE Budget #: 60375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other

Sample Collected by: Rex Rysewyk Date: 12/29/17 Time: 2234

SAMPLE DESCRIPTION:

Strong odor (petroleum) @ 3831 Warner Ave Fire Station #7
 wind 3 mph NW. odor was 4 out of 5.
 there were multiple calls to the station.

REQUESTED ANALYSIS:

VOC Analysis sample can ID# 54556

Relinquished by	Received by	Firm/Agency	Date	Time
Rex Rysewyk	Kraig Morris	SCAQMD	1/3/18	0745
Kraig Morris	Kimbal de los	SCAQMD	1/3/18	1019

Remarks: