



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

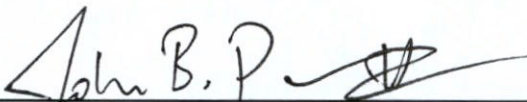
Laboratory No. 1804002-01
Requested By Kraig Morris
Rule No. R402
ST No. NA
Report Created 02/23/2018

Sampling Location
HB Fire Dept #6
Seapoint & Garfield
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: 02/23/18

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

Date Approved: 2/23/18



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Laboratory No. 1804002-01
Sample Description SUMMA Canister 54608
Sample Comments High concentration analytes should be viewed as estimates.

Sample Date 02/08/2018

Received Date 02/09/2018

Analyzed Date 02/09/2018

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	453	0.2	2
Ethane, ppmvC	<1	0.2	1
NMNEOC, ppmvC	10	0.1	1



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Laboratory No. **1804002-01**

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
2.03	2.02	0.30	0.01	PASS
2.16	1.57	37.67	0.59	PASS
1.94	2.03	4.43	0.09	PASS
2.09	2.03	3.06	0.06	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
1070	1036	3.26	33.82	PASS
1060	1068	0.76	8.15	PASS
1054	1022	3.13	31.95	PASS
1054	1044	0.93	9.73	PASS
1035	1024	1.11	11.38	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
2.04	1.92	6.03	0.12	PASS
2.00	2.02	1.19	0.02	PASS
1.94	1.57	23.65	0.37	PASS
1.90	2.03	6.40	0.13	PASS
2.17	2.03	7.00	0.14	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
1068	1036	3.10	32.09	PASS
1059	1068	0.83	8.88	PASS
1044	1022	2.18	22.28	PASS
1045	1044	0.13	1.34	PASS
1032	1024	0.74	7.60	PASS

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

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO 1804002

TO: SCAQMD LAB: OTHER: _____
 SOURCE NAME: HB Fire Dept. #6 I.D. No. _____
 Source Address: Seapoint & Garfield City: Huntington Beach
 Mailing Address: _____ City: _____ Zip: _____
 Contact Person: Capt. Pokorny Title: Captain Tel: (714) 375.8400

Analysis Requested by: Kraig Morris Date: 2/9/18
 Approved by: FREDRICK GONZALEZ Office: C&E Budget #: 60.375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other

Sample Collected by: Keita Sato Date: 2/8/18 Time: 1200

SAMPLE DESCRIPTION:

Sample was collected at Seapoint & Garfield in Huntington Beach. Odor was sulfur smell with an intensity of 5 out of 5. Wind direction from west.

REQUESTED ANALYSIS:

VOC ANALYSIS
 Sample can ID# 54608

Relinquished by	Received by	Firm/Agency	Date	Time
Keita Sato	Kraig Morris	SCAQMD	2/9/18	0820
Kraig Morris	H Phillipson	SCAQMD Lab	2/9/18	0955

Remarks: