



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

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

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To: Victor Yip
Sr. Enforcement Manager
Compliance & Enforcement

Laboratory No. 1803910-01
Requested By Kraig Morris
Rule No. R402
ST No. NA
Report Created 02/23/2018

Sampling Location

HB Odor Event 2/8/18
Ellis Ave & Quarterhorse Lane
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: John B. Parrack
Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed: 02/23/18

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

Date Approved: 2/23/18



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Laboratory No. 1803910-01
Sample Description SUMMA Canister E4265, Sour gas 2 out of 5. 5-6 mph wind out of west.
Sample Comments High concentration analytes should be viewed as estimates.

Sample Date 02/08/2018

Received Date 02/08/2018

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	467	0.2	2
Ethane, ppmvC	<1	0.2	1
NMNEOC, ppmvC	10	0.1	1



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Laboratory No. **1803910-01**

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 1803910

TO: SCAQMD LAB: OTHER:

SOURCE NAME: HB odor Event 2/8/18 I.D. No. _____

Source Address: Ellis Ave & Quarterhorse Ln City: Huntington Beach

Mailing Address: _____ City: _____ Zip: _____

Contact Person: Kraig Morris Title: Inspector Tel: (909) 396-3279

Analysis Requested by: Kraig Morris Date: 2/8/18

Approved by: FREDRICK GONZALE 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: KRAIG MORRIS Date: 2/8/18 Time: 1205

SAMPLE DESCRIPTION:

Sour gas odor was detected near the intersection of Ellis Ave & Quarterhorse Ln. Sour gas was a 2 out of 5.
T = 71°F, sunny, 5-6mph wind out of West.

✓ VOC ANALYSIS
Sample CAN ID# E4265

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Kraig Morris</u>	<u>H Phillipson</u>	<u>SCAQMD Lab</u>	<u>2/8/18</u>	<u>1645</u>

Remarks: