



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. 1815302-01
Requested By Kraig Morris
Rule No. R402
ST No. NA
Report Created 06/13/2018

Sampling Location

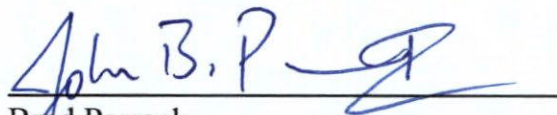
Odor Plume
Edwards x Talbert
Huntington Beach, CA 92648

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:

06/13/18

Approved By:



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

Date Approved:

6/13/18



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Laboratory No. 1815302-01
Sample Description SILCO Canister E5187
Sample Comments Report of natural gas smell near intersection reported. Smell was very strong with petroleum scent. Winds mild & from the SW during dusk. Scent was 9/10 during sample collection.

Sample Date 06/01/2018

Received Date 06/02/2018

Analyzed Date 06/05/2018

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	487	0.1	2
Ethane, ppmvC	4	0.2	1
NMNEOC, ppmvC	31	0.2	1



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Laboratory No. 1815302-01

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
2.19	1.92	13.83	0.27	PASS
1.98	2.02	2.17	0.04	PASS
2.09	1.57	33.21	0.52	PASS
2.07	2.03	1.97	0.04	PASS
2.08	2.03	2.56	0.05	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
1024	1000	2.40	23.95	PASS
1027	1000	2.75	27.48	PASS
1033	1000	3.33	33.34	PASS
1033	1000	3.34	33.39	PASS
1014	1000	1.42	14.18	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
2.02	1.92	4.99	0.10	PASS
2.15	2.02	6.23	0.13	PASS
2.26	1.57	44.04	0.69	PASS
2.05	2.03	0.99	0.02	PASS
2.17	2.03	7.00	0.14	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	2.14	21.38	PASS
1024	1000	2.38	23.84	PASS
1030	1000	2.96	29.60	PASS
1031	1000	3.09	30.94	PASS
1009	1000	0.88	8.81	PASS

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

- DISTRICT INFORMATION
 INVOICE SOURCE
 LAP AUDIT

LABORATORY NO 1815302

TO: SCAQMD LAB: OTHER:
 SOURCE NAME: Odor Plume / SUMMA I.D. No. WAF H1808633
 Source Address: Edwards X Talbert City: HB
 Mailing Address: 18591 Edwards St. City: Huntington Beach Zip: 92648
 Contact Person: Bob Culhane Title: Fire Captain Tel: 7143758400

Analysis Requested by: Kraig Morris Date: 6/2/18
 Approved by: _____ Office: C&E Budget #: _____
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other

Sample Collected by: J. Hyink Date: 6/1/18 Time: 9:05 pm

SAMPLE DESCRIPTION:

Report of natural gas smell near intersection reported. Smell was very strong with petroleum scent. Winds were mild and from the southwest during dusk. Scent was 9/10 during sample collection.
 petroleum smell

VOC Analysis
 CAN ID# E5187

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<i>[Signature]</i>	<i>Kraig Morris</i>	SCAQMD	6/1/18	10:03
<i>[Signature]</i>	<i>M-11</i>	SCAQMD	6/2/18	10:58

Remarks: