



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. 1808905-01
Requested By Kraig Morris
Rule No. R402
ST No. NA
Report Created 04/23/2018

Sampling Location

Offshore Odor Event 3/29/18 (Outside)
Edinger Ave & Montego Drive
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:

Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed:

04/23/18

Approved By:

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

Date Approved:

4/25/2018



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Laboratory No. 1808905-01
Sample Description SILCO Canister E0300, SILCO
Sample Comments Rotten egg odor 3 out of 5, detected near intersection of Edinger Ave & Montego Dr in response to complaint #286905. Temperature 64F, 5-6mph SW wind.

Sample Date 03/29/2018

Received Date 03/30/2018

Analyzed Date 04/05/2018

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

Analyte, Unit	Result	MDL	MRL
CH ₄ , ppmvC	2	0.1	1
CO ₂ , ppmvC	656	0.2	2
Ethane, ppmvC	<1	0.2	1
NMNEOC, ppmvC	4	0.1	1



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Laboratory No. **1808905-01**

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
2.09	1.92	8.63	0.17	PASS
1.92	2.02	5.14	0.10	PASS
2.19	1.57	39.58	0.62	PASS
1.98	2.03	2.46	0.05	PASS
2.20	2.03	8.48	0.17	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
1033	1000	3.26	32.58	PASS
1041	1000	4.13	41.29	PASS
1045	1000	4.48	44.77	PASS
1042	1000	4.24	42.38	PASS
1023	1000	2.33	23.33	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
1.99	1.92	3.43	0.07	PASS
1.94	2.02	4.15	0.08	PASS
2.04	1.57	30.02	0.47	PASS
1.92	2.03	5.42	0.11	PASS
2.20	2.03	8.48	0.17	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
1019	1000	1.88	18.83	PASS
1027	1000	2.72	27.15	PASS
1030	1000	3.03	30.32	PASS
1028	1000	2.76	27.57	PASS
1010	1000	1.03	10.33	PASS

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT SAMPLE ANALYSIS REQUEST

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO 1808905-01

TO: SCAQMD LAB: OTHER:

SOURCE NAME: offshore odor event 3/29/18 (outside) I.D. No. _____

Source Address: Edinger Ave & Montego Dr. City: Huntington Beach

Mailing Address: _____ City: _____ Zip: _____

Contact Person: Kraig Morris Title: Air Quality Inspector Tel: (949) 397-3279

Analysis Requested by: Kraig Morris Date: 3/30/18

Approved by: MARK VANDERAM 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: 3/29/18 Time: 1520

SAMPLE DESCRIPTION:

Rotten egg odor was detected near the intersection of Edinger Ave & Montego Dr. in Huntington Beach in response to complaint # 286905. Rotten Egg odor was a 3 out of 5.
T=64°F, sunny, 56 mph 210° SW wind.

VOC ANALYSIS

Sample CAN ID# E0300

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<u>[Signature]</u> Kraig Morris	<u>H Philipson</u>	SCAQMD Lab	3/30/18	0830

Remarks: