



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: Rafael Reynosa
Sr. Enforcement Manager
Compliance & Enforcement

Laboratory No. 1822708-02
Requested By Nydia Ibarra
Rule No. R402
ST No. NA
Report Created 08/28/2018

Sampling Location
Various Sampling Locations

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.

Comments: Blank subtraction performed.

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

Date Reviewed: 08/28/18

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

Date Approved: 8/28/18



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

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

(Page 2 of 3)

Laboratory No. 1822708-02
Sample Description SUMMA Canister 54706
Sample Comments Collected at 2020 hours, breathing zone, near Shoreline Dr./Shoreline Village Dr. parking

Sample Date 08/14/2018

Received Date 08/15/2018

Analyzed Date 08/15/2018

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	412	0.1	2
Ethane, ppmvC	<1	0.2	1
NMNEOC, ppmvC	7	0.2	1



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

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

(Page 3 of 3)

Laboratory No. 1822708-02

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
1.98	1.92	2.91	0.06	PASS
1.91	2.02	5.63	0.11	PASS
2.22	1.57	41.49	0.65	PASS
1.87	2.03	7.88	0.16	PASS
1.77	2.03	12.72	0.26	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
1019	1000	1.94	19.35	PASS
1024	1000	2.41	24.11	PASS
1024	1000	2.44	24.38	PASS
1025	1000	2.47	24.66	PASS
1006	1000	0.58	5.77	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
1.97	1.92	2.39	0.05	PASS
2.04	2.02	0.79	0.02	PASS
2.20	1.57	40.22	0.63	PASS
1.97	2.03	2.96	0.06	PASS
1.84	2.03	9.27	0.19	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
1017	1000	1.70	16.98	PASS
1021	1000	2.12	21.23	PASS
1023	1000	2.29	22.93	PASS
1021	1000	2.15	21.45	PASS
1000	1000	0.05	0.46	PASS

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

DISTRICT INFORMATION
 INVOICE SOURCE
 LABORATORY NO. 1822708

TO: SCAQMD LAB: OTHER: _____
 SOURCE NAME: C#290243; C#290251 ; Offshore Odors event I.D. No. 8/14/18
 Source Address: _____ City: Long Beach
 Mailing Address: _____ City: _____ Zip: _____
 Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Nydia Ibarra Date: August 14, 2018
 Approved by: [Signature] Office: Compliance Budget #: 60-375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other Cal H&S Code 41700

Sample Collected by: Nydia Ibarra Date: August 14, 2018 Time: See below

Specify the description and location where the sample was collected:

Sample #1- Tedlar Bag S/N: 150527- collected at 2016 hours; breathing zone (near Shoreline Dr./Shoreline Village Dr. parking); approx. GPS coordinates 33°45'39"N, 118°11'33"W.
 Sample #2 Summa Canister: #54706- collected at 2020 hours; breathing zone (near Shoreline Dr./Shoreline Village Dr. parking); approx. GPS coordinates 33°45'39"N, 118°11'33"W.

Analysis Requested: H2S/VOC/ GCMS/Odors/ Please Speciate/Quantify Unknown Gas

Relinquished by	Received by	Firm/Agency	Date	Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>SCAQMD</u>	<u>8/14/18</u>	<u>23:03 hrs</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>SCAQMD Lab</u>	<u>8/15/18</u> <u>07:16/10-JG</u>	<u>10:00 AM</u>

Remarks: Please expedite and send laboratory results to Rafael Reynosa, Sr. Enforcement Manager