



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. 1729101-01
Requested By Peter Campbell
Rule No. 402
ST No. NA
Report Created 10/23/2017

Sampling Location
 Various Sampling Locations
 Warner/Newland
 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: 10/23/17

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

Date Approved: 10/24/17



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Laboratory No. 1729101-01
Sample Description SUMMA Canister 54504
Sample Comments Detected petroleum/sulfur odor. Intensity 1-2. Winds 2-3 mph SW.
Sample Date 10/17/2017 **Received Date** 10/18/2017 **Analyzed Date** 10/19/2017

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

Analyte, Unit	Result	MDL	MRL
CH ₄ , ppmvC	2	0.5	1
CO ₂ , ppmvC	429	0.5	1
Ethane, ppmvC	<1	0.5	1
NMNEOC, ppmvC	<1	0.5	1



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Laboratory No. **1729101-01**

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
2.11	1.92	9.67	0.19	PASS
2.04	2.02	0.79	0.02	PASS
1.97	1.57	25.56	0.40	PASS
2.08	2.03	2.46	0.05	PASS
2.24	2.03	10.45	0.21	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
1088	1036	4.98	51.59	PASS
1082	1068	1.29	13.81	PASS
1073	1022	4.99	51.02	PASS
1075	1044	2.98	31.08	PASS
1066	1024	4.11	42.13	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
2.03	1.92	5.51	0.11	PASS
1.98	2.02	2.17	0.04	PASS
1.96	1.57	24.92	0.39	PASS
1.98	2.03	2.46	0.05	PASS
2.23	2.03	9.96	0.20	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
1086	1036	4.83	50.09	PASS
1082	1068	1.30	13.85	PASS
1073	1022	4.96	50.66	PASS
1077	1044	3.16	32.99	PASS
1070	1024	4.46	45.68	PASS

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

DISTRICT INFORMATION
 INVOICE SOURCE
 LABORATORY NO. 1729101

TO: SCAQMD LAB: OTHER: _____
 SOURCE NAME: N/A I.D. No. _____
 Source Address: _____ City: _____
 Mailing Address: _____ City: _____ Zip: _____
 Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Peter Campbell Date: 10/18/17
 Approved by: [Signature] Office: _____ Compliance _____ Budget #: 50375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other

Sample Collected by: Peter Campbell Date: 10/17/17 Time: 1720

Specify the description and location where the sample was collected:
Detected petroleum/sulfur odor at intersection of Warner & Newland
 in Huntington Beach, Intensity 1-2, winds 2-3mph SW

Canister # 54504

Analysis Requested: VOC

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Kraig Morris</u>	<u>Peter Campbell</u>	<u>SCAQMD</u>	<u>9/5/17</u>	
<u>Peter Campbell</u>	<u>HPhillipsen</u>	<u>SCAQMD</u>	<u>10/18/17</u>	<u>1035</u>

Remarks: