



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. 1725325-01
Requested By Kraig Morris

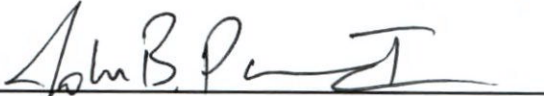
Sampling Location
Huntington Beach Fire Station #6
18591 Edwards Street
Huntington Beach, CA 92648

Rule No. 402
ST No. NA
Report Created 09/15/2017


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: 09/15/17

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

Date Approved: 9/19/17



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(Page 2 of 3)

Laboratory No. 1725325-01

Sample Description SUMMA Canister 54681

Sample Date 09/09/2017

Received Date 09/09/2017

Analyzed Date 09/12/2017

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	468	0.5	1
Ethane, ppmvC	<1	0.5	1
NMNEOC, ppmvC	<1	0.5	1



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(Page 3 of 3)

Laboratory No. **1725325-01**

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
1.97	1.92	2.39	0.05	PASS
1.95	2.02	3.66	0.07	PASS
2.00	1.57	27.47	0.43	PASS
1.96	2.03	3.45	0.07	PASS
2.05	2.03	1.08	0.02	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
1061	1036	2.45	25.39	PASS
1056	1068	1.15	12.31	PASS
1046	1022	2.39	24.47	PASS
1048	1044	0.37	3.90	PASS
1042	1024	1.74	17.78	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
2.07	1.92	7.59	0.15	PASS
2.13	2.02	5.24	0.11	PASS
2.04	1.57	30.02	0.47	PASS
1.92	2.03	5.42	0.11	PASS
2.25	2.03	10.95	0.22	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
1063	1036	2.60	26.96	PASS
1060	1068	0.76	8.09	PASS
1049	1022	2.62	26.81	PASS
1049	1044	0.52	5.47	PASS
1047	1024	2.24	22.92	PASS

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

DISTRICT
 INVOICE
 LAP AU.
LABORAT

WO #: 1725325



TO: SCAQMD LAB: OTHER:

SOURCE NAME: Huntington Beach Fire Station #6 I.D. No. _____

Source Address: 18591 Edwards St. City: Huntington Beach

Mailing Address: _____ City: _____ Zip: _____

Contact Person: Tony Dalton Title: Engineer Tel: (714) 375-8400

Analysis Requested by: Kraig Morris Date: 9/9/17

Approved by: _____ Office: _____ Budget #: _____

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) 402 Other

Sample Collected by: Tony Dalton Date: 9/9/17 Time: 1045
Engineer

SAMPLE DESCRIPTION:

Sample was collected in back parking area of 18591 Edwards st. in Huntington Beach at Fire station #6.
odor smelled like sweet crude petroleum 3 out of 5. wind 3mph out of West.

REQUESTED ANALYSIS: VOC analysis ^{Sample can} ID# ~~54681~~

Relinquished by	Received by	Firm/Agency	Date	Time
Kraig Morris	Robert Culhane	HB Fire Dept. #6	9/8/17	1445
Robert Culhane	Tony Dalton	HB Fire Dept. #6	9/9/17	0900
Tony Dalton	Kraig Morris	SCAQMD	9/9/17	1300
<i>[Signature]</i>	John B. P. <i>[Signature]</i>	SCAQMD Lab	9/9/17	14:10

Remarks: _____