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

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

To: Rafael Reynosa
Sr. Enforcement Manager
Compliance & Enforcement

Laboratory No. **2128121-01**
Requested By **Sumner Wilson**
Rule No. **NA**
ST No. **NA**
Report Created **10/12/2021**

Sampling Location
Dominguez Channel
Intersection of Leapwood & Del Amo
Carson, CA 90746

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS, AND RESULTS

Volatile Organic Compounds (VOCs) in Ambient Air by EPA TO-15 (GC/MS)
Volatile Organic Compounds (VOCs) in Ambient Air by EPA TO-15 (GC/MS) - Tentatively Identified

See attached results and sample information.

Comments: .

Reviewed By: Stephen Dutz Digitally signed by Stephen Dutz Date: 2021.10.12 17:45:24 -07'00' **Date Reviewed:** _____

Stephen Dutz
Principal A.Q. Chemist
Laboratory Services

Approved By: Angela Haar Digitally signed by Angela Haar Date: 2021.10.12 18:37:43 -07'00' **Date Approved:** _____

Angela Haar, Ph.D.
WOC Senior Manager
Laboratory Services
(909) 396-2518

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MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

Laboratory No. **2128121-01**
Sample Description Grab, 6 L Stainless Steel Canister E5127
Sample Comments Can sampled near neighborhood @ 33.847249, -118.258768
Sample Date 10/08/2021 **Received Date 10/08/2021** **Analyzed Date 10/09/2021**

Volatile Organic Compounds (VOCs) in Ambient Air by EPA TO-15 (GC/MS)

Analyte, Unit	Result	MDL	MRL	Ambient Avg
1,1,1-Trichloroethane, ppbv	ND	0.01	0.04	0.1
1,1,2,2-Tetrachloroethane, ppbv	ND (QX)	0.01	0.03	<0.1
1,1,2-Trichloroethane, ppbv	ND (QX)	0.02	0.06	<0.1
1,1-Dichloroethane, ppbv	ND	0.009	0.03	<0.1
1,1-Dichloroethylene, ppbv	ND	0.02	0.06	
1,2,4-Trichlorobenzene, ppbv	ND (QX)	0.06	0.2	<0.1
1,2,4-Trimethylbenzene, ppbv	*J (0.03)*	0.02	0.06	0.1
1,2-Dibromoethane, ppbv	ND (QX)	0.01	0.04	
1,2-Dichlorobenzene, ppbv	ND (QX)	0.01	0.04	
1,2-Dichloroethane, ppbv	ND	0.01	0.03	
1,2-Dichloropropane, ppbv	ND	0.02	0.05	<0.1
1,3,5-Trimethylbenzene, ppbv	*J (0.02)*	0.01	0.04	0.1
1,3-Butadiene, ppbv	ND	0.03	0.08	<0.1
1,3-Dichlorobenzene, ppbv	ND (QX)	0.02	0.05	
1,4-Dichlorobenzene, ppbv	ND (QX)	0.02	0.07	
1,4-Dioxane, ppbv	ND (QX)	0.01	0.04	<0.1
2-Butanone (MEK), ppbv	ND	0.2	0.6	0.3
2-Hexanone (MBK), ppbv	ND (QX)	0.09	0.3	
2-Propenal, ppbv	*J (0.04)*	0.04	0.1	
Acetone, ppbv	1.7	0.5	1.6	7.7
Benzene, ppbv	0.07	0.01	0.04	0.6
Benzyl chloride, ppbv	ND (QX)	0.03	0.08	<0.1
Bromodichloromethane, ppbv	ND	0.01	0.03	<0.1
Bromoform, ppbv	ND (QX)	0.009	0.03	<0.1
Bromomethane, ppbv	ND (QX)	0.02	0.07	<0.1
Carbon disulfide, ppbv	ND	0.02	0.07	<0.1
Carbon Tetrachloride, ppbv	0.09	0.02	0.07	0.1
Chlorobenzene, ppbv	ND (QX)	0.01	0.04	<0.1
Chloroethane, ppbv	ND	0.02	0.05	<0.1
Chloroform, ppbv	*J (0.02)*	0.02	0.05	<0.1
Chloromethane, ppbv	0.5	0.02	0.06	0.6

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Laboratory No. **2128121-01 - continued**
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Volatile Organic Compounds (VOCs) in Ambient Air by EPA TO-15 (GC/MS)

Analyte, Unit	Result	MDL	MRL	Ambient Avg
cis-1,2-Dichloroethylene, ppbv	ND	0.02	0.07	
cis-1,3-Dichloropropene, ppbv	ND (QX)	0.03	0.1	
Cyclohexane, ppbv	ND	0.03	0.08	0.1
Dibromochloromethane, ppbv	ND (QX)	0.01	0.03	<0.1
Dichlorodifluoromethane (Freon 12), ppbv	0.5	0.02	0.06	0.5
Dichlorotetrafluoroethane (Freon 114), ppbv	*J (0.02)*	0.02	0.05	<0.1
Ethanol, ppbv	*J (0.7)*	0.6	1.9	7.3
Ethyl Acetate, ppbv	ND	0.08	0.2	<0.1
Ethylbenzene, ppbv	ND (QX)	0.02	0.07	0.2
Ethylene oxide, ppbv	*J (0.04)*	0.02	0.06	
Hexachloro-1,3-butadiene, ppbv	*J (0.01)*	0.01	0.04	
Isopropanol, ppbv	0.1 (LJ)	0.04	0.1	
m+p-Xylene, ppbv	*J (0.07)*	0.03	0.08	0.6
Methyl Isobutyl Ketone (MIBK), ppbv	ND (QX)	0.05	0.1	
Methyl Methacrylate, ppbv	ND (QX)	0.05	0.1	
Methyl tert-Butyl Ether (MTBE), ppbv	ND	0.01	0.04	
Methylene Chloride, ppbv	0.08	0.02	0.07	0.2
n-Heptane, ppbv	ND (QX)	0.03	0.09	0.2
n-Hexane, ppbv	*J (0.03)*	0.02	0.07	0.1
o-Xylene, ppbv	*J (0.02)*	0.02	0.06	0.2
p-Ethyltoluene, ppbv	ND (QX)	0.03	0.1	
Propylene, ppbv	0.09	0.02	0.05	0.5
Styrene, ppbv	ND (QX)	0.02	0.06	0.1
Tetrachloroethylene, ppbv	ND (QX)	0.01	0.04	
Tetrahydrofuran, ppbv	ND	0.04	0.1	<0.1
Toluene, ppbv	*J (0.06)*	0.02	0.07	1.6
trans-1,2-Dichloroethylene, ppbv	ND	0.02	0.07	
trans-1,3-Dichloropropene, ppbv	ND (QX)	0.02	0.07	
Trichloroethylene, ppbv	ND	0.02	0.05	<0.2
Trichlorofluoromethane (Freon 11), ppbv	0.2	0.03	0.08	0.2
Trichlorotrifluoroethane (Freon 113), ppbv	0.07	0.02	0.06	0.1

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Laboratory No. **2128121-01 - continued**

Sample Description Grab, 6 L Stainless Steel Canister E5127

Sample Comments Can sampled near neighborhood @ 33.847249, -118.258768

Sample Date 10/08/2021 **Received Date 10/08/2021** **Analyzed Date 10/09/2021**

Volatile Organic Compounds (VOCs) in Ambient Air by EPA TO-15 (GC/MS)

Analyte, Unit	Result	MDL	MRL	Ambient Avg
Vinyl acetate, ppbv	ND	0.07	0.2	<0.1
Vinyl chloride, ppbv	ND	0.01	0.04	<0.1

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Volatile Organic Compounds (VOCs) in Ambient Air by EPA TO-15 (GC/MS) - Tentatively Identified

--TENTATIVELY IDENTIFIED COMPOUNDS--
CONCENTRATIONS ARE APPROXIMATED

Analyte, Unit	Result
No TICs Found, ppbv	0.0

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Laboratory No. 2128121-01

DEFINITIONS

Item	Definition
MDL	Method Detection Limit
MRL	Method Reporting Limit
ND	Non-detect; Value is below MDL.
J	Value is between method detection and reporting limits.
QX	Does not meet QC criteria.
LJ	Identification of Analyte is Acceptable; Reported Value is an Estimate

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST

☒ DISTRICT INFORMATION
☐ INVOICE SOURCE
☐ LAP AUDIT

LABORATORY NO 212812

TO: SCAQMD LAB: ☒ OTHER: ☐ _____

SOURCE NAME: Carson I.D. No. _____

Source Address: near intersection of Leapwood & Del Amo City: Carson

Mailing Address: _____ City: _____ Zip: 90746

Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Sumner Wilson Date: 10/08/2021

Approved by: Jason Low Office: _____ Budget #: 44716

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

Suspected Violation Rule(s) _____ Other ☒ near source monitoring

Sample Collected by: J.Huff Date: 10/08/21 Time: 17:36

REQUESTED ANALYSIS:

Location	Can#	Start day / time / duration	Start vac	End vac
Carson, near intersection of Leapwood & Del Amo	E5127	10/08/2021, 17:36, 1min	-30" Hg	-4"Hg

Relinquished by	Received by 10/08/21	Firm/Agency	Date	Time
J. Huff	~~Lab Smith~~ JWSP-2	SCAQMD Lab	10/08/21	19:41

Can sampled near neighborhood @ 33.847249, -118.258768