



**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. 2128030-01 to -03

Requested By Jose Enriquez

Rule No. NA

Sampling Location

Dominguez Channel
Various Sampling Locations, CA

ST No. NA

Report Created 10/07/2021

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS, AND RESULTS

Sulfur by SCAQMD Method 307

See attached results and sample information.

Note: The samples were analyzed by a contract laboratory - Quantum Analytical Services, Inc.

Reviewed By: _____

Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed: _____

Approved By: _____

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

Date Approved: _____



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MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

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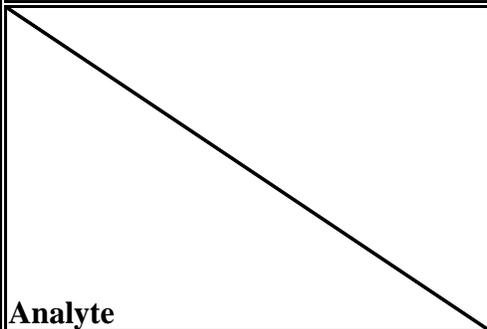
Laboratory No. 2128030-03
Sample Description Tedlar Bag - Collected at east side of Dominguez Channel 5 ft north of Carson Blvd in Carson
Sample Comments Sampled on 10/06/2021 18:15

Sample Date 10/06/2021 **Received Date 10/07/2021** **Analyzed Date 10/07/2021**
Sulfur by SCAQMD Method 307

Analyte, Unit	Result	Dilution	MDL	MRL
Hydrogen Sulfide, ppbv	268	1	20	-
Carbonyl Sulfide, ppbv	ND	1	20	-
Methyl Mercaptan, ppbv	ND	1	20	-
Ethyl Mercaptan, ppbv	ND	1	20	-
Unidentified Sulfur Compounds, ppbv	ND	1	20	-
Total Reduced Sulfur as Hydrogen Sulfide, ppbv	268	1	20	-

CLIENT **SCAQMD**
PROJECT NAME: **Dominguez Channel**
LABORATORY NO: **21-903**
SAMPLING DATE: 10/06/21
RECEIVING DATE: 10/07/21
ANALYSIS DATE: 10/07/21
REPORT DATE: 10/07/21

Laboratory Analysis Report

Analysis Method	SCAQMD 307-91			
Detection Limits	0.02 PPMV			
	Client ID	VeriAirFlex Bag # 1 Sepulveda Blvd.	VeriAirFlex Bag # 2 Del Amo Blvd.	VeriAirFlex Bag # 3 Carson St.
	Sampling Date	10/06/21	10/06/21	10/6/2021
	Sampling Time	1645	1705	18:15
	Lab ID	28021-11	28021-12	28021-13
	Units	PPMV	PPMV	PPMV
Analyte				
Hydrogen Sulfide	0.272	1.600	0.268	
Carbonyl Sulfide	<0.02	<0.02	<0.02	
Methyl Mercaptan	<0.02	<0.02	<0.02	
Ethyl Mercaptan	<0.02	<0.02	<0.02	
Un-Identified S Compounds	<0.02	<0.02	<0.02	
TRS as H2S	0.272	1.600	0.268	

TRS: Total Reduced Sulfur as Hydrogen Sulfide



Dr. Andrew Kitto
President

CLIENT SCAQMD
PROJECT NO: Dominguez Channel
LABORATORY NO: 21-903
SAMPLING DATE: 10/06/21
RECEIVING DATE: 10/07/21
ANALYSIS DATE: 10/07/21
REPORT DATE: 10/07/21

Quality Assurance Report

Sample ID: VeriAirFlex Bag # 3 Carson St.

Lab ID: 28021-13

Analysis Method		SCAQMD 307-91		
Detection Limit		20 PPBV		
Analyte	Aver. Conc. PPMV	Dil. Factor Ambient Air	DF*A/CF PPMV	% Sample† Recovery
Hydrogen Sulfide	0.269	1.000	0.269	100.2
Carbonyl Sulfide	<0.02	1.0	<0.02	N/A
Methyl Mercaptan	<0.02	1.0	<0.02	N/A
Ethyl Mercaptan	<0.02	1.0	<0.02	N/A
Unidentified S Compounds	<0.02	1.0	<0.02	N/A
TRS as H2S	0.269	1.000	0.269	100.2

NA: Not Applicable

†Must be ±10%



Dr. Andrew Kitto
President

AQMD LN: 2128030

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

DISTRICT INFORMATION
 INVOICE SOURCE
LABORATORY NO. 21-903

TO: SCAQMD LAB: OTHER: _____
SOURCE NAME: _____ Dominguez Channel I.D. No. _____
Source Address: _____ See below City: _____
Mailing Address: _____ City: _____ Zip: _____
Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: _____ Jose Enriquez Date: _____ 10/6/21
Approved by: _____ Rafael Reynosa Office: _____ Compliance Budget #: _____ 50-375
REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
Suspected Violation Rule(s) _____ Other _____

Sample Collected by: _____ Mario Escobedo Date: _____ 10/6/2021 Time: _____ 1645 Hrs, 1705 Hrs, 1815 Hrs

- Specify the description and location where the sample was collected:
- 11) 1) Tedlar sample bag collected sample at east side of Dominguez Channel 15 feet south of Sepulveda Blvd. in the City of Long Beach at 1645 hrs. Tedlar sample bag locked in desk at Long Beach office under the control of Inspector Enriquez.
 - 12) 2) Tedlar sample bag collected sample at east side of Dominguez Channel 5 feet north of Del Amo Blvd. in the City of Carson at 1705 hrs. Tedlar sample bag locked in desk at Long Beach office under the control of Inspector Enriquez.
 - 13) 3) Tedlar sample bag collected sample at east side of Dominguez Channel 5 feet north of Carson Blvd. in the City of Carson at 1815 hrs. Tedlar sample bag locked in desk at Long Beach office under the control of Inspector Enriquez.

Analysis Requested: Rush analysis / AQMD Method 307

Relinquished by	Received by	Firm/Agency	Date	Time
Mario Escobedo	Jose Enriquez	SCAQMD	10/6/2021	1900 hrs.
<u>Jose Enriquez</u>	<u>Andrew Kitto</u>	<u>Quantum Analytical Services</u>	<u>10/7/21</u>	<u>1000 hrs</u>
	<u>[Signature]</u>	<u>Quantum Analytical</u>	<u>10/7/21</u>	<u>1010</u>

Remarks: Please send results to Jose Enriquez at jenriquez1@aqmd.gov, Eduardo Esparza at eesparza@aqmd.gov, Mario Escobedo mescobedo@aqmd.gov