

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

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TO Victor Yip
Sr. Enforcement Manager
Compliance & Enforcement

LABORATORY NO. 1819901-02

FACILITY ID N/A

SAMPLE(S) DESCRIBED AS
VeriAir Flex Tedlar Bag No.
150595

DATE RECEIVED 7/18/18

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION
Near Lifeguard #22 at Bolsa Chica Beach
Huntington Beach, CA 92649

REQUESTED BY Kraig Morris

DATE ANALYZED 7/18/18

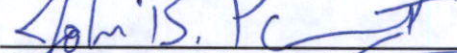
ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result (ppb)
Hydrogen Sulfide	< 1
Carbonyl Sulfide/SO ₂	2
Dimethyl Sulfide	< 1
Unknown*	< 1
(*As Carbonyl Sulfide)	


Instrument does not resolve COS/SO₂ peaks and cannot identify which component is present.

Sample was analyzed within 24 hours.

Date Reviewed: 08/17/18

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

Date Approved: 8/17/18

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

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MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

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SAMPLE(S) DESCRIBED AS
 VeriAir Flex Tedlar Bag No. 150595

LABORATORY NO. 1819901-02

REQUESTED BY Kraig Morris

Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Quality Control Tests and Results Matrix

Calibration Drift (ppb)				Lab Air Blank (ppb)	
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide	29.1	26.8	92.0	Hydrogen Sulfide	< 1
Carbonyl Sulfide	33.0	28.2	85.4	Carbonyl Sulfide	< 1
Dimethyl Sulfide	29.1	23.4	80.6	Dimethyl Sulfide	< 1
				Unknown	< 1 *

Calibration Control (ppb)				N2 Bag Blank (ppb)	
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide	4.9	4.7	96.1	Hydrogen Sulfide	< 1
Carbonyl Sulfide	5.5	5.3	95.7	Carbonyl Sulfide/SO2	< 1
Dimethyl Sulfide	4.9	4.4	90.8	Dimethyl Sulfide	< 1
				Unknown	< 1 *

*Calibrated using carbonyl sulfide

BATCH NO. B18G087

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

- DISTRICT INFORMATION
 INVOICE SOURCE
 LAP AUDIT

LABORATORY NO 1819901

TO: SCAQMD LAB: OTHER:

SOURCE NAME: Lifeguard #22 at Bolsa Chica I.D. No. _____

Source Address: Lifeguard #22 at Bolsa Chica City: Huntington Beach

Mailing Address: DBHQ City: _____ Zip: _____

Contact Person: Krissy Morris Title: Air Quality Inspector Tel: (909)396-3279

Analysis Requested by: Krissy Morris Date: 7/18/18

Approved by: FRED GONZALES Office: C9E Budget #: 60375

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: Krissy Morris Date: 7/17/18 Time: 1611

SAMPLE DESCRIPTION:

Collected samples near Lifeguard #22 at Bolsa Chica beach.
 Odor lasted approximately 5 minutes from 1609 to 1614 hrs.
 Intensity of odor was 2 out of 5. Odor smelled
 like natural gas and rotten eggs.

Selfur Analysis
 Tedline bag ID# 150595

REQUESTED ANALYSIS:

Sample can
 VOC ANALYSIS ID# E4308

Relinquished by	Received by	Firm/Agency	Date	Time
Krissy Morris	Iliana Garcia	SCAQMD LAB	7/18/18 ^{IG} 10	0935

Remarks: