

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

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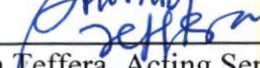
<b>TO</b>	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	<b>LABORATORY NO</b>	<u>1616018</u>
<b>SAMPLE DESCRIBED AS</b>	Battelle Well Canister 54549	<b>DATE RECEIVED</b>	<u>06/08/2016</u>
<b>SAMPLING LOCATION</b>	Orphan Well Project 323 Firmin Street Los Angeles, CA 90026	<b>FACILITY ID NO</b>	<u>NA</u>
		<b>REQUESTED BY</b>	<u>Jason Low</u>
		<b>ST NO / PROJECT</b>	<u>NA</u>

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**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

Type	Canister
Number	<u>54549</u>
Pressure (Torr)	760
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	465
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/15/16

Approved By:   
Solomon Teffera, Acting Senior Manager  
Laboratory Services  
909-396-2199

*Handwritten note:* 6-15-16

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
**21865 Copley Drive, Diamond Bar CA 91765-1482**

**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

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<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1616018</u>
Battelle Well Canister 54549	<b>REQUESTED BY</b>	<u>Jason Low</u>

**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

**QUALITY CONTROL -- End of run control recovery**

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC106783	MDL				
CO, ppmvC	0.4	1.92	2.07	7.66	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.03	0.52	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	2.33	48.33	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	2.03	2.14	5.26	PASS
NM/NEOC, ppmvC	0.5	2.03	2.17	6.96	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1074	3.64	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1077	0.83	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1065	4.23	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	1044	1066	2.12	PASS
NM/NEOC, ppmvC	0.5	1024	1047	2.24	PASS

<b>DATE ANALYZED</b>	06/09/2016
<b>REFERENCE NO:</b>	16QM2AC
	QM2-101-109

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

DISTR  
 INVOI  
 LAP A  
 LABOR/

WO #: 1616018



TO: SCAQMD LAB:  OTHER:  \_\_\_\_\_  
 SOURCE NAME: Orphan Well Project I.D. No. \_\_\_\_\_  
 Source Address: 323 Firmin St., (324) City: Los Angeles  
 Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Contact Person: Jason Low Title: Atmos. Meas. Manager Tel: 909-396-2269

Analysis Requested by: Jason Low Date: 06-08-16  
 Approved by: Jason Low Office: M&A Budget #: \_\_\_\_\_  
 REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill   
 Suspected Violation Rule(s) \_\_\_\_\_ Other  \_\_\_\_\_

Sample Collected by: Jason Low Date: 06-08-16 Time: 10:30am

**SAMPLE DESCRIPTION:**

CEL Cmn. 54549 Battelle well

**REQUESTED ANALYSIS:**

Methane - TO-15

Relinquished by	Received by	Firm/Agency	Date	Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>SCAQMD LAB</u>	<u>6/8/16</u>	<u>12:30</u>

Remarks: