

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

| | |
|------------------------------------------------------------------------|-------------------------------------------|
| TO: Cher Snyder Assistant DEO Engineering and Compliance | LABORATORY NO: <u>1601964</u> |
| | REFERENCE NO: <u>GC6-3-71</u> |
| SAMPLE DESCRIPTION: 24 hour sample Canister 54579 | DATE SAMPLED: <u>1/16/2016</u> |
| | DATE RECEIVED: <u>01/19/16</u> |
| | DATE ANALYZED: <u>01/20/16</u> |
| SAMPLE LOCATION: Porter Ranch Community Elementary School | ANALYZED BY: <u>Yang Song</u> |
| | REQUESTED BY: <u>Sumner Wilson</u> |

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Volatile Organic Compounds (VOC) by Gas Chromatography(GC)
and Flame Ionization Detection (FID)

Note: See attached for speciated results.

Date Approved: 1/22/16

Approved By: 

Rudy Eden, Sr. Manager
Laboratory Services Branch
(909) 396-2391

LAB NO: 1601964
Location: Porter Ranch Elem.

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Quantitation of Organic Compounds by Gas Chromatography(GC) and
 Flame Ionization Detection (FID)

| | | |
|--------------------------|----------------------------|----------------------------|
| Sample Date | 01/16/16 | |
| Canister | 54579 | |
| Sampling Location | Porter Ranch Elem. | Ambient Air |
| Total NMOC, ppbC | 178 | 100-700 ppbC |
| <u>Compound</u> | <u>Conc. (ppbv)</u> | <u>Conc. (ppbv)</u> |
| 2,3,4-trimethylpentane | <0.1 | |
| toluene | 0.5 | 0.1-0.6 |
| 2-methylheptane | <0.1 | |
| 3-methylheptane | <0.1 | |
| n-octane | <0.1 | <0.1-0.3 |
| ethylbenzene | <0.1 | 0.1-0.2 |
| m+p-xylenes | 0.2 | 0.1-0.2 |
| styrene | <0.1 | <0.1-0.2 |
| o-xylene | <0.1 | 0.1-0.2 |
| n-nonane | <0.1 | <0.1-0.1 |
| isopropylbenzene | <0.1 | |
| n-propylbenzene | <0.1 | |
| m-ethyltoluene | <0.1 | |
| p-ethyltoluene | <0.1 | |
| 1,3,5-trimethylbenzene | <0.1 | |
| o-ethyltoluene | <0.1 | |
| 1,2,4-trimethylbenzene | <0.1 | |
| n-decane | <0.1 | <0.1-0.1 |
| 1,2,3-trimethylbenzene | <0.1 | |
| m-diethylbenzene | <0.1 | |
| p-diethylbenzene | <0.1 | |
| n-undecane | <0.1 | <0.1 |
| n-dodecane | <0.1 | <0.1 |

NMOC = Non-Methane Organic Compounds
 N.D. = Not Detected

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

DISTRICT
 INVOICE
 LAP AIR
LABORATORY

WO #: 1601964



TO: SCAQMD LAB: OTHER:

SOURCE NAME: Southern California Gas Co. I.D. No. _____

Source Address: 12801 Tampa Ave City: Porter Ranch

Mailing Address: _____ City: _____ Zip: 91326

Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Sumner Wilson Date: 12/30/15

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

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

Suspected Violation Rule(s) _____ Other

Sample Collected by: Steve Boddeker Date: 1/19/16 Time: 11:30

REQUESTED ANALYSIS: PAMS analysis

| City/Location | Can# | Start day / time/ duration | Start vac | End Press |
|-------------------------------------------------|-------|----------------------------|-----------|-----------|
| Porter Ranch Community Elementary School (PRCS) | 54579 | 1/16/16 / 00:00 / 24 hours | <-30" | +11.0 |
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| Relinquished by | Received by | Firm/Agency | Date | Time |
|----------------------|-------------|-------------|----------|-------|
| S Boddeker <i>SB</i> | <i>SL</i> | SCAQMD Lab | 01-19-16 | 15:43 |
| | | | | |
| | | | | |

Remarks: 1:3 scheduled samples from trailer at PRCS
Porter Ranch Community School Elementary -- 5 Sesnon Blvd, Porter Ranch, CA 91326
GPS (34.293369, -118.580505)