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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS
Page 1 of 2

TO Cher Snyder, Assistant DEO
Engineering & Compliance

LABORATORY NO 1607717

DATE RECEIVED 03/17/2016

SAMPLE DESCRIBED AS
One Summa Canister, triggered sample

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Highlands Community
12378 High Glen Way
Northridge, CA 91326

ST NO / PROJECT NA

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

<table>
<thead>
<tr>
<th>Type</th>
<th>Canister</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>54596</td>
</tr>
<tr>
<td>Pressure (Torr)</td>
<td>740</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>ppmvC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>&lt; 3</td>
</tr>
<tr>
<td>CH₄</td>
<td>2</td>
</tr>
<tr>
<td>CO₂</td>
<td>402</td>
</tr>
<tr>
<td>Ethane</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>NM/NEOC</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

Date Approved: 3/18/16

Approved By: [Signature]
Rudy Eden, Senior Manager
Laboratory Services
909-396-2391
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar  CA 91765-1482

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY
Page 2 of 2

SAMPLE DESCRIBED AS
One Summa Canister, triggered sample

LABORATORY NO
1607717

REQUESTED BY
Sumner Wilson

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), 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

<table>
<thead>
<tr>
<th></th>
<th>MDL</th>
<th>Theoretical</th>
<th>Measured</th>
<th>Percent Difference</th>
<th>QC Limit ±5% or ±1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC91340</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO, ppmvC</td>
<td>0.3</td>
<td>10.40</td>
<td>9.85</td>
<td>-5.27</td>
<td>PASS</td>
</tr>
<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>10.17</td>
<td>10.65</td>
<td>4.70</td>
<td>PASS</td>
</tr>
<tr>
<td>CO₂, ppmvC</td>
<td>0.4</td>
<td>10.38</td>
<td>10.46</td>
<td>0.81</td>
<td>PASS</td>
</tr>
<tr>
<td>C₂H₄, ppmvC</td>
<td>0.4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>C₂H₆, ppmvC</td>
<td>0.2</td>
<td>11.00</td>
<td>10.16</td>
<td>-7.67</td>
<td>PASS</td>
</tr>
<tr>
<td>NM/NEOC, ppmvC</td>
<td>0.2</td>
<td>10.64</td>
<td>10.23</td>
<td>-3.87</td>
<td>PASS</td>
</tr>
<tr>
<td>CC135067</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO, ppmvC</td>
<td>0.3</td>
<td>10100</td>
<td>9654</td>
<td>-4.42</td>
<td>PASS</td>
</tr>
<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>9950</td>
<td>10007</td>
<td>0.57</td>
<td>PASS</td>
</tr>
<tr>
<td>CO₂, ppmvC</td>
<td>0.4</td>
<td>10100</td>
<td>9644</td>
<td>-4.51</td>
<td>PASS</td>
</tr>
<tr>
<td>C₂H₄, ppmvC</td>
<td>0.4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>C₂H₆, ppmvC</td>
<td>0.2</td>
<td>9940</td>
<td>9825</td>
<td>-1.15</td>
<td>PASS</td>
</tr>
<tr>
<td>NM/NEOC, ppmvC</td>
<td>0.2</td>
<td>10000</td>
<td>9736</td>
<td>-2.64</td>
<td>PASS</td>
</tr>
</tbody>
</table>

DATE ANALYZED
03/17/2016

REFERENCE NO:
16QM2AA
QM2-101-89
## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
### SAMPLE ANALYSIS REQUEST

**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:** 3/17/16

**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:** Qian Zhou  
**Date:** 3/17/16  
**Time:** 8:50am

**REQUESTED ANALYSIS:** PAMS analysis

<table>
<thead>
<tr>
<th>City/Location</th>
<th>Can#</th>
<th>Start day / time/ duration</th>
<th>Start vac</th>
<th>End vac</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highlands Community</td>
<td>54596</td>
<td>3-17-16 / 07:10 / 5 min</td>
<td>-30”</td>
<td>-4”</td>
</tr>
</tbody>
</table>

**Relinquished by**

**Received by**

**Firm/Agency**  
SCAQMD Lab

**Date:** 3/17/16  
**Time:** 12:20PM

**Remarks:** Samples collected by passive sampling via the XonTech 912 triggered by the Thermo 55i NMHC. Trigger is set to 5ppm. Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)