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       Jason Low, Atmospheric Measurements Manager
          Science and Technology Advancement

LABORATORY NO  1610922

DATE RECEIVED  04/19/2016

SAMPLE DESCRIBED AS
24 hour sample
Canister 22480

FACILITY ID NO  NA

REQUESTED BY  Sumner Wilson

ST NO / PROJECT  NA

SAMPLING LOCATION
Porter Ranch
Elementary School

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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>
<th>22480</th>
<th>Pressure (Torr)</th>
<th>1348</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO, ppm</td>
<td></td>
<td>&lt; 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH₄, ppm</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO₂, ppm</td>
<td></td>
<td>426</td>
<td></td>
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</tr>
<tr>
<td>Ethane, ppmvC</td>
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<td>&lt; 1</td>
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<td></td>
</tr>
<tr>
<td>NM/NEOC, ppmvC</td>
<td></td>
<td>&lt; 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date Approved: 4/22/16

Approved By: Solomon Teffer, Acting Senior Manager
Laboratory Services
909-396-2199
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  
24 hour sample  
Canister 22480

LABORATORY NO 1610922  
REQUESTED BY Sumner Wilson

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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>Sample</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>CC106783</td>
<td>0.3</td>
<td>1.92</td>
<td>2.13</td>
<td>10.49</td>
<td>PASS</td>
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<tr>
<td>CO, ppmvC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>2.02</td>
<td>2.16</td>
<td>6.65</td>
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<tr>
<td>CO₂, ppmvC</td>
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<td>1.57</td>
<td>2.13</td>
<td>35.89</td>
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</tr>
<tr>
<td>C₂H₆, ppmvC</td>
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<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
<td>0.4</td>
<td>2.03</td>
<td>2.18</td>
<td>7.63</td>
<td>PASS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample</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>CC12628</td>
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<td>1036</td>
<td>1063</td>
<td>2.60</td>
<td>PASS</td>
</tr>
<tr>
<td>CO, ppmvC</td>
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</tr>
<tr>
<td>CH₄, ppmvC</td>
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<td>1068</td>
<td>1055</td>
<td>-1.19</td>
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<td>CO₂, ppmvC</td>
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<td>1047</td>
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</tr>
<tr>
<td>C₂H₆, ppmvC</td>
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<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td>1044</td>
<td>1049</td>
<td>0.44</td>
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</tbody>
</table>

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DATE ANALYZED 04/19/2016  
REFERENCE NO: 16QM2AB  
QM2-101-99
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: 4/19/16
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: 4/19/16 Time: 09:10am

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 Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Porter Ranch Community Elementary School (PRCS)</td>
<td>22480</td>
<td>4/18/16 / 00:00 / 24 hours</td>
<td>&lt; -30&quot;</td>
<td>+9.5</td>
</tr>
</tbody>
</table>

Relinquished by Reevaluated by: SCAQMD Lab
Firm/Agency: SCAQMD Lab Date: 4/19/16 Time: 13:52

Remarks: 1:3 scheduled samples from trailer at PRCS
Porter Ranch Community School Elementary - 12450 Mason Ave, Porter Ranch, CA 91326
GPS (34.293369, -118.580505)