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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

TO: Jason Low, Ph.D.
Assistant Deputy Executive Officer
Science and Technology Advancement

LABORATORY NO: 1627412

REFERENCE NO: GC6-121-113

SAMPLE DESCRIPTION:
Triggered Samples
Canister #s 54212
54718

DATE SAMPLED: 09/30/16
DATE RECEIVED: 09/30/16
DATE ANALYZED: 10/06/16

ANALYZED BY: Yang Song
REQUESTED BY: Sumner Wilson

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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: 10/14/16

Approved By:

Solomon Teffer, Acting Sr. Manager
Laboratory Services Branch
(909) 396-2199
LAB NO: 1627412  
Location: Highlands Community Center

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Quantitation of Organic Compounds by Gas Chromatography(GC) and Flame Ionization Detection (FID)

<table>
<thead>
<tr>
<th>Sample Date</th>
<th>09/30/16</th>
<th>09/30/16</th>
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<tbody>
<tr>
<td>Canister</td>
<td>54212</td>
<td>54718</td>
</tr>
<tr>
<td>Sampling Location</td>
<td>Highlands Community Center</td>
<td>Highlands Community Center</td>
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<tr>
<td>Total NMOC, ppbC</td>
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<td>1670</td>
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<tr>
<th>Compound</th>
<th>Conc. (ppbv)</th>
<th>Conc. (ppbv)</th>
<th>Conc. (ppbv)</th>
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<td>trans-2-butene</td>
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<td>cis-2-butene</td>
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</table>
LAB NO: 1627412  
Location: Highlands Community Center

<table>
<thead>
<tr>
<th>Sample Date</th>
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<tbody>
<tr>
<td>09/30/16</td>
<td>54212</td>
<td>Highlands Community Center</td>
<td>54718</td>
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| Total NMOC, ppbC | 4590 | 1670 | 100-700 ppbC |

<table>
<thead>
<tr>
<th>Compound</th>
<th>Conc. (ppbv)</th>
<th>Conc. (ppbv)</th>
<th>Conc. (ppbv)</th>
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<tbody>
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<td>2,3,4-trimethylpentane</td>
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<td>2.2</td>
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<td>toluene</td>
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<td>2-methylheptane</td>
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<td>1,3,5-trimethylbenzene</td>
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<tr>
<td>o-ethyltoluene</td>
<td>1.4</td>
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<td>1,2,4-trimethylbenzene</td>
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<td>p-diethylbenzene</td>
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<td>n-dodecane</td>
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<td>0.2</td>
<td>&lt;0.1</td>
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</tbody>
</table>

NMOC = Non-Methane Organic Compounds  
N.D. = Not Detected
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST

TO: SCAQMD LAB: X 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: 9/30/16
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: 9/30/16 Time: 12:15pm

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>
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</thead>
<tbody>
<tr>
<td>Highlands Community</td>
<td>54212</td>
<td>9/30/16 / 06:15 / 5 min</td>
<td>-30&quot;</td>
<td>-2&quot;</td>
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<tr>
<td>Highlands Community</td>
<td>54718</td>
<td>9/30/16 / 06:59 / 5 min</td>
<td>-30&quot;</td>
<td>-2&quot;</td>
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Relinquished by: Signed
Received by: Signed

Firm/Agency: SCAQMD Lab Date: 9/30/16 Time: 15:12

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)