



**BROADBENT**

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*Creating Solutions. Building Trust.*

November 16, 2016

Job No. 16-07-101-14007

New Mexico EMNRD  
District II  
811 South First Street  
Artesia, NM 88210

Attn: Mr. Mike Bratcher

Re: Final C-141 Report, Estimated 10 Barrel Crude Oil Spill, OXY Benelli #1, Lease #44398, API No. 30-015-34811, Lea County, New Mexico

Broadbent & Associates, Inc. (Broadbent) is pleased to present this Final C-141 Report for the estimated 10 barrel surface spill of crude oil at the OXY Benelli #1 tank battery site, Lease #44398, API No. 30-015-34811, located in Lea County, New Mexico (Site) as depicted in Drawing 1, attached. Photographs of the spill abatement, copies of the laboratory analytical reports, and waste disposal documentation are attached.

On October 1, 2016, approximately 10 barrels of crude oil were spilled onto the caliche pad due to a truck overflow. MSI, Inc. (MSI) responded to abate the spill. Caliche was applied to the pad to absorb the pooled crude, and prevent further infiltration of the spill into the pad. Excavation of the impacted area was scheduled for the following day to comply with New Mexico one-call standards.

MSI returned to the Site on October 2, 2016 to further abate the spill. A backhoe was utilized to excavate the crude impacted caliche from the pad, and stockpiled on plastic for disposal. A Broadbent representative was at the Site during abatement activities, and collected two confirmation soil samples from the excavated area, and one background sample, as depicted in Drawing 2, attached. The two confirmation soil samples, designated 1@9" and 2@8", and the background sample designated BG, were submitted chilled, under chain-of-custody procedures to SGS Accutest Laboratories (Accutest) in Houston, TX for analysis of chemicals of concern (COC). The soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA method 8260C, chloride by EPA method 300, and full range total petroleum hydrocarbons (TPH) by EPA method 8015. A copy of the laboratory analytical report is attached.

COC concentrations detected in confirmation soil sample 1@9" were above the COC concentrations detected in background sample BG. Therefore, MSI returned to Site on October 11, 2016 to additionally excavate the impacted area. Subsequently, confirmation soil sample 4@18" was collected from the excavated area on October 11, 2016, as depicted in Drawing 2. The soil sample was submitted chilled, under chain-of-custody procedures to Accutest for analysis of COCs. The soil sample was analyzed for BTEX by EPA method 8260C, chloride by EPA method 300, and full range TPH by EPA method 8015. A copy of the laboratory analytical report is attached.

Concentrations of COC detected in confirmation soil samples 2@8" and 4@18" were below the concentrations of COC detected in background sample BG.

The 57.18 tons of crude impacted caliche generated were disposed of at the Lea Land landfill in Carlsbad, New Mexico on October 3 and 11, 2016. Waste disposal documentation is attached.

Based on the abatement performed, and COC concentrations detected in confirmation soil samples being below concentrations of COC detected in the background sample, Broadbent, on behalf of Pilot Travel Centers LLC, requests that no further action status be granted at this time. If you have any questions or require additional information, please do not hesitate to contact us at (830) 816-5434.

Sincerely,

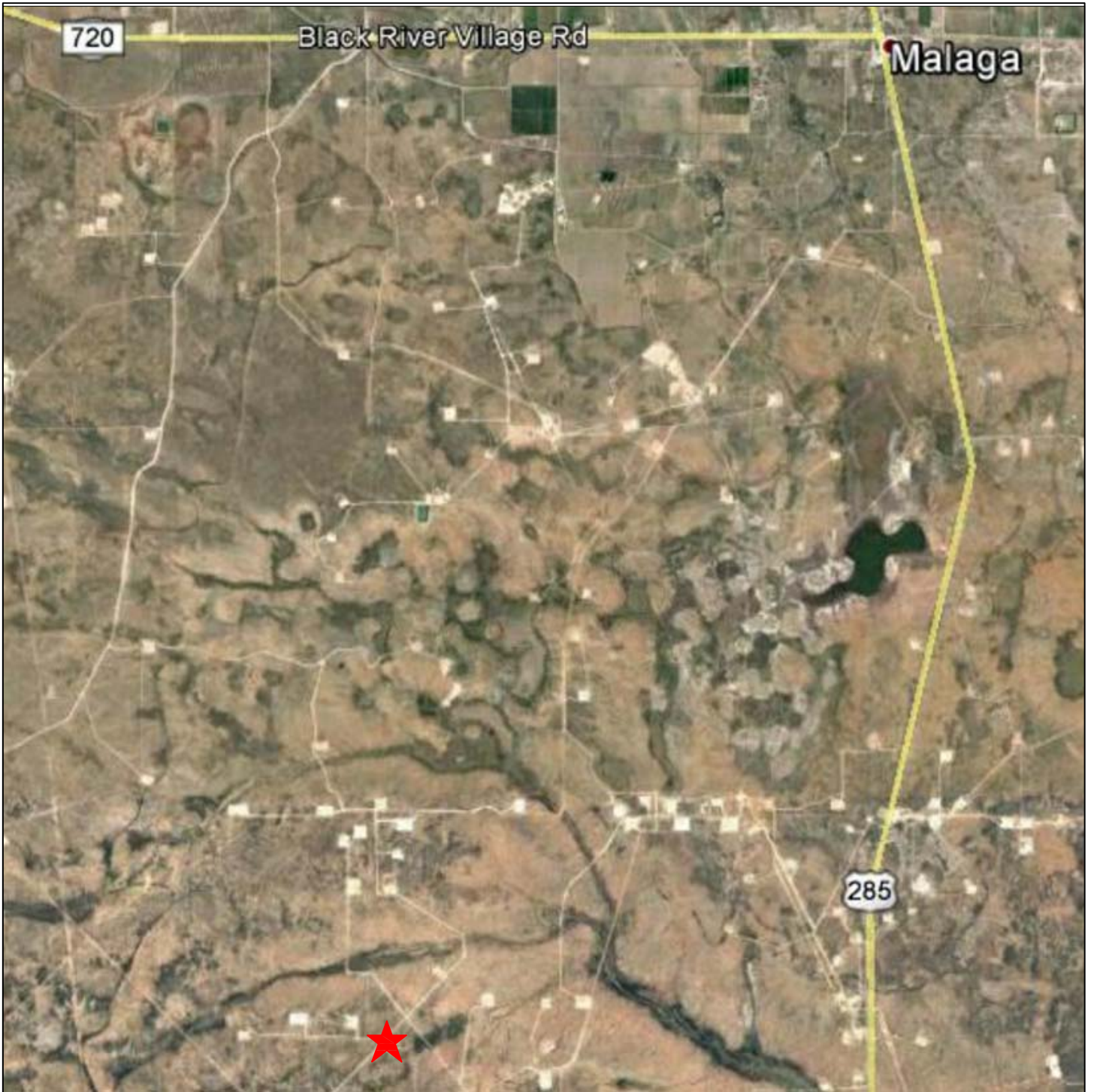
BROADBENT & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'C. Haugstad', with a stylized, flowing script.

Christopher R. Haugstad, PG  
Senior Geologist

Attachments:    Drawing 1: Site Location Map  
                      Drawing 2: Soil Sample Location Map  
                      Photographs  
                      SGS Accutest *Technical Reports*  
                      Waste Disposal Documentation

Drawings



0 2,000' 4,000'  
Approximate Scale: 1" = 4,000'

DESCRIPTION

SITE LOCATION



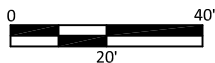
SITE LOCATION MAP  
DRAWING NO. 1

PILOT CRUDE HAULING - OXY BENELLI #1  
32°08'57.16" N, 104°06'59.44" W  
CARLSBAD, NEW MEXICO

PROJECT NO. 16-07-101-14007

Prepared by: LG Approved by: CH Date: 10/12/16





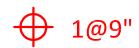
Approximate Scale: 1" = 40'

#### DESCRIPTION

RELEASE LOCATION



SOIL SAMPLE LOCATION - 10/03/16



SOIL SAMPLE LOCATION - 10/11/16



SOIL SAMPLE LOCATION MAP  
DRAWING NO. 2

PILOT CRUDE HAULING - OXY BENELLI #1  
32°08'57.16" N, 104°06'59.44" W  
CARLSBAD, NEW MEXICO

PROJECT NO. 16-07-101-14007

Prepared by: LG    Approved by: CH    Date: 10/14/16



Photographs



View of the crude spill area



View of the crude spill area



Excavation of the spill area via backhoe



Excavation of the spill area via backhoe



View of the excavated area



View of the excavated area



View of the backfilled area

SGS Accutest *Technical Reports*

**Technical Report for****Pilot Travel Centers LLC****BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407****SGS Accutest Job Number: TC92756****Sampling Date: 10/03/16****Report to:****Broadbent & Associates  
113 Falls Court Suite 700  
Boerne, TX 78006  
chaugstad@broadbentinc.com****ATTN: Chris Haugstad****Total number of pages in report: 52**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

  
**Richard Rodriguez**  
Laboratory Director**Client Service contact: Sylvia Garza 713-271-4700**

Certifications: TX (T104704220-16-24) AR (14-016-0) AZ (AZ0769) FL (E87628)  
KS (E-10366) LA (85695/04004) NJ (TX010) OK (2014-172) VA (7654)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.  
Test results relate only to samples analyzed.

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Sample Summary

Pilot Travel Centers LLC

Job No: TC92756

BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample Number | Collected |         | Received | Matrix |                  | Client Sample ID |
|---------------|-----------|---------|----------|--------|------------------|------------------|
|               | Date      | Time By |          | Code   | Type             |                  |
| TC92756-1     | 10/03/16  | 08:40   | 10/04/16 | SO     | Soil             | 1@9"             |
| TC92756-1A    | 10/03/16  | 08:40   | 10/04/16 | SO     | Soil             | 1@9"             |
| TC92756-2     | 10/03/16  | 09:00   | 10/04/16 | SO     | Soil             | 2@8"             |
| TC92756-2A    | 10/03/16  | 09:00   | 10/04/16 | SO     | Soil             | 2@8"             |
| TC92756-3     | 10/03/16  | 09:15   | 10/04/16 | SO     | Soil             | BG               |
| TC92756-3A    | 10/03/16  | 09:15   | 10/04/16 | SO     | Soil             | BG               |
| TC92756-4     | 10/03/16  | 00:00   | 10/04/16 | AQ     | Trip Blank Water | TRIP BLANK       |

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

## Summary of Hits

Page 1 of 1

**Job Number:** TC92756  
**Account:** Pilot Travel Centers LLC  
**Project:** BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407  
**Collected:** 10/03/16

| Lab Sample ID                  | Client Sample ID  | Result/<br>Qual | RL     | MDL    | Units | Method      |
|--------------------------------|-------------------|-----------------|--------|--------|-------|-------------|
| <b>TC92756-1</b>               | <b>1@9"</b>       |                 |        |        |       |             |
| Benzene                        |                   | 0.142           | 0.0048 | 0.0014 | mg/kg | SW846 8260C |
| Toluene <sup>a</sup>           |                   | 792             | 290    | 130    | ug/kg | SW846 8260C |
| Ethylbenzene <sup>a</sup>      |                   | 295             | 290    | 92     | ug/kg | SW846 8260C |
| Xylene (total) <sup>a</sup>    |                   | 2090            | 870    | 280    | ug/kg | SW846 8260C |
| Chloride                       |                   | 55.1            | 3.1    |        | mg/kg | EPA 300     |
| <b>TC92756-1A</b>              | <b>1@9"</b>       |                 |        |        |       |             |
| TPH-GRO (C6-C10) <sup>b</sup>  |                   | 14.4            | 7.4    | 7.3    | mg/kg | SW846 8015C |
| TPH-DRO (C10-C28) <sup>b</sup> |                   | 186             | 6.1    | 1.5    | mg/kg | SW846 8015C |
| TPH-ORO (C28-C35) <sup>b</sup> |                   | 35.9            | 6.1    | 0.55   | mg/kg | SW846 8015C |
| <b>TC92756-2</b>               | <b>2@8"</b>       |                 |        |        |       |             |
| Benzene <sup>a</sup>           |                   | 0.0089          | 0.0045 | 0.0013 | mg/kg | SW846 8260C |
| Toluene <sup>a</sup>           |                   | 0.0297          | 0.0045 | 0.0020 | mg/kg | SW846 8260C |
| Ethylbenzene <sup>a</sup>      |                   | 0.0109          | 0.0045 | 0.0014 | mg/kg | SW846 8260C |
| Xylene (total) <sup>a</sup>    |                   | 0.0924          | 0.014  | 0.0043 | mg/kg | SW846 8260C |
| Chloride                       |                   | 65.6            | 2.9    |        | mg/kg | EPA 300     |
| <b>TC92756-2A</b>              | <b>2@8"</b>       |                 |        |        |       |             |
| TPH-DRO (C10-C28) <sup>b</sup> |                   | 14.3            | 5.8    | 1.4    | mg/kg | SW846 8015C |
| TPH-ORO (C28-C35) <sup>b</sup> |                   | 2.84 J          | 5.8    | 0.52   | mg/kg | SW846 8015C |
| <b>TC92756-3</b>               | <b>BG</b>         |                 |        |        |       |             |
| Chloride                       |                   | 760             | 28     |        | mg/kg | EPA 300     |
| <b>TC92756-3A</b>              | <b>BG</b>         |                 |        |        |       |             |
| TPH-DRO (C10-C28) <sup>b</sup> |                   | 20.6            | 5.6    | 1.4    | mg/kg | SW846 8015C |
| TPH-ORO (C28-C35) <sup>b</sup> |                   | 18.8            | 5.6    | 0.50   | mg/kg | SW846 8015C |
| <b>TC92756-4</b>               | <b>TRIP BLANK</b> |                 |        |        |       |             |

No hits reported in this sample.

(a) Sample collected in bulk. All results are considered estimated values.

(b) Analysis performed at SGS Accutest, Lafayette, LA.

## Sample Results

## Report of Analysis

## Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | 1@9"                                                   |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-1                                              | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8260C                                            | <b>Percent Solids:</b> | 80.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

|                     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | Y1085808.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |
| Run #2              | R0338251.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |

|        | Initial Weight | Final Volume | Methanol Aliquot |
|--------|----------------|--------------|------------------|
| Run #1 | 5.18 g         | 5.0 ml       | 100 ul           |
| Run #2 | 5.25 g         | 5.0 ml       |                  |

## Purgeable Aromatics

| CAS No.   | Compound       | Result             | RL     | MDL    | Units | Q |
|-----------|----------------|--------------------|--------|--------|-------|---|
| 71-43-2   | Benzene        | 0.142 <sup>b</sup> | 0.0048 | 0.0014 | mg/kg |   |
| 108-88-3  | Toluene        | 792                | 290    | 130    | ug/kg |   |
| 100-41-4  | Ethylbenzene   | 295                | 290    | 92     | ug/kg |   |
| 1330-20-7 | Xylene (total) | 2090               | 870    | 280    | ug/kg |   |

| CAS No.    | Surrogate Recoveries  | Run# 1 | Run# 2            | Limits  |
|------------|-----------------------|--------|-------------------|---------|
| 1868-53-7  | Dibromofluoromethane  | 94%    | 92%               | 59-126% |
| 2037-26-5  | Toluene-D8            | 104%   | 102%              | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 96%    | 147% <sup>c</sup> | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96%    | 96%               | 54-123% |

(a) Sample collected in bulk. All results are considered estimated values.

(b) Result is from Run# 2

(c) Outside control limits biased high. This surrogate is not associated with target compounds.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | 1@9"                                                   | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Lab Sample ID:</b>    | TC92756-1                                              | <b>Date Received:</b>  | 10/04/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Percent Solids:</b> | 80.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

General Chemistry

| Analyte         | Result | RL  | Units | DF | Analyzed       | By | Method    |
|-----------------|--------|-----|-------|----|----------------|----|-----------|
| Chloride        | 55.1   | 3.1 | mg/kg | 1  | 10/05/16 00:18 | SM | EPA 300   |
| Solids, Percent | 80.1   |     | %     | 1  | 10/04/16       | NM | SM 2540 G |

RL = Reporting Limit

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | 1@9"                                                   |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-1A                                             |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8015C SW846 5035                                 |  |  |  |  | <b>Percent Solids:</b> | 80.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date      | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|----------------|------------|------------------|
| Run #1 <sup>a</sup> | LA252843.D | 1  | 10/05/16 | ALA | 10/05/16 11:50 | n/a        | L:GLA879         |
| Run #2              |            |    |          |     |                |            |                  |

|        | Initial Weight | Final Volume | Methanol Aliquot |
|--------|----------------|--------------|------------------|
| Run #1 | 5.10 g         | 5.0 ml       | 100 ul           |
| Run #2 |                |              |                  |

| CAS No. | Compound         | Result | RL  | MDL | Units | Q |
|---------|------------------|--------|-----|-----|-------|---|
|         | TPH-GRO (C6-C10) | 14.4   | 7.4 | 7.3 | mg/kg |   |

| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 98%    |        | 63-139% |
| 540-36-3 | 1,4-Difluorobenzene  | 100%   |        | 52-140% |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | 1@9"                                                   |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-1A                                             |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8015C SW846 3546                                 |  |  |  |  | <b>Percent Solids:</b> | 80.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | S0024161.D | 1  | 10/05/16 | ALA | 10/05/16  | L:OP6461   | L:GLG392         |
| Run #2              |            |    |          |     |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 20.5 g         | 1.0 ml       |
| Run #2 |                |              |

| CAS No. | Compound          | Result | RL  | MDL  | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
|         | TPH-DRO (C10-C28) | 186    | 6.1 | 1.5  | mg/kg |   |
|         | TPH-ORO (C28-C35) | 35.9   | 6.1 | 0.55 | mg/kg |   |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|---------|----------------------|--------|--------|---------|
| 84-15-1 | o-Terphenyl          | 71%    |        | 31-130% |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | 2@8"                                                   |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-2                                              |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8260C                                            |  |  |  |  | <b>Percent Solids:</b> | 86.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | Y1085806.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |
| Run #2              |            |    |          |    |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 5.11 g         | 5.0 ml       |
| Run #2 |                |              |

## Purgeable Aromatics

| CAS No.   | Compound       | Result | RL     | MDL    | Units | Q |
|-----------|----------------|--------|--------|--------|-------|---|
| 71-43-2   | Benzene        | 0.0089 | 0.0045 | 0.0013 | mg/kg |   |
| 108-88-3  | Toluene        | 0.0297 | 0.0045 | 0.0020 | mg/kg |   |
| 100-41-4  | Ethylbenzene   | 0.0109 | 0.0045 | 0.0014 | mg/kg |   |
| 1330-20-7 | Xylene (total) | 0.0924 | 0.014  | 0.0043 | mg/kg |   |

| CAS No.    | Surrogate Recoveries  | Run# 1 | Run# 2 | Limits  |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7  | Dibromofluoromethane  | 95%    |        | 59-126% |
| 2037-26-5  | Toluene-D8            | 104%   |        | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 100%   |        | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92%    |        | 54-123% |

(a) Sample collected in bulk. All results are considered estimated values.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | 2@8"                                                   | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Lab Sample ID:</b>    | TC92756-2                                              | <b>Date Received:</b>  | 10/04/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Percent Solids:</b> | 86.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

General Chemistry

| Analyte         | Result | RL  | Units | DF | Analyzed       | By | Method    |
|-----------------|--------|-----|-------|----|----------------|----|-----------|
| Chloride        | 65.6   | 2.9 | mg/kg | 1  | 10/05/16 00:33 | SM | EPA 300   |
| Solids, Percent | 86.1   |     | %     | 1  | 10/04/16       | NM | SM 2540 G |

RL = Reporting Limit

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | 2@8"                                                   |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-2A                                             |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8015C SW846 5035                                 |  |  |  |  | <b>Percent Solids:</b> | 86.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date      | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|----------------|------------|------------------|
| Run #1 <sup>a</sup> | LA252841.D | 1  | 10/05/16 | ALA | 10/05/16 11:50 | n/a        | L:GLA879         |
| Run #2              |            |    |          |     |                |            |                  |

|        | Initial Weight | Final Volume | Methanol Aliquot |
|--------|----------------|--------------|------------------|
| Run #1 | 5.30 g         | 5.0 ml       | 100 ul           |
| Run #2 |                |              |                  |

| CAS No. | Compound         | Result | RL  | MDL | Units | Q |
|---------|------------------|--------|-----|-----|-------|---|
|         | TPH-GRO (C6-C10) | ND     | 6.3 | 6.2 | mg/kg |   |

| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 95%    |        | 63-139% |
| 540-36-3 | 1,4-Difluorobenzene  | 97%    |        | 52-140% |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | 2@8"                                                   |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-2A                                             |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8015C SW846 3546                                 |  |  |  |  | <b>Percent Solids:</b> | 86.1     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | S0024162.D | 1  | 10/05/16 | ALA | 10/05/16  | L:OP6461   | L:GLG392         |
| Run #2              |            |    |          |     |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 20.0 g         | 1.0 ml       |
| Run #2 |                |              |

| CAS No. | Compound          | Result | RL  | MDL  | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
|         | TPH-DRO (C10-C28) | 14.3   | 5.8 | 1.4  | mg/kg |   |
|         | TPH-ORO (C28-C35) | 2.84   | 5.8 | 0.52 | mg/kg | J |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|---------|----------------------|--------|--------|---------|
| 84-15-1 | o-Terphenyl          | 54%    |        | 31-130% |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | BG                                                     |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-3                                              |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8260C                                            |  |  |  |  | <b>Percent Solids:</b> | 89.0     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|        | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | R0338253.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |
| Run #2 |            |    |          |    |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 5.70 g         | 5.0 ml       |
| Run #2 |                |              |

## Purgeable Aromatics

| CAS No.   | Compound       | Result | RL     | MDL    | Units | Q |
|-----------|----------------|--------|--------|--------|-------|---|
| 71-43-2   | Benzene        | ND     | 0.0039 | 0.0012 | mg/kg |   |
| 108-88-3  | Toluene        | ND     | 0.0039 | 0.0017 | mg/kg |   |
| 100-41-4  | Ethylbenzene   | ND     | 0.0039 | 0.0013 | mg/kg |   |
| 1330-20-7 | Xylene (total) | ND     | 0.012  | 0.0037 | mg/kg |   |

| CAS No.    | Surrogate Recoveries  | Run# 1 | Run# 2 | Limits  |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7  | Dibromofluoromethane  | 94%    |        | 59-126% |
| 2037-26-5  | Toluene-D8            | 98%    |        | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 106%   |        | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90%    |        | 54-123% |

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | BG                                                     | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Lab Sample ID:</b>    | TC92756-3                                              | <b>Date Received:</b>  | 10/04/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Percent Solids:</b> | 89.0     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

General Chemistry

| Analyte         | Result | RL | Units | DF | Analyzed       | By | Method    |
|-----------------|--------|----|-------|----|----------------|----|-----------|
| Chloride        | 760    | 28 | mg/kg | 10 | 10/05/16 01:20 | SM | EPA 300   |
| Solids, Percent | 89     |    | %     | 1  | 10/04/16       | NM | SM 2540 G |

RL = Reporting Limit

# Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | BG                                                     |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-3A                                             |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8015C SW846 5035                                 |  |  |  |  | <b>Percent Solids:</b> | 89.0     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date      | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|----------------|------------|------------------|
| Run #1 <sup>a</sup> | LA252839.D | 1  | 10/05/16 | ALA | 10/05/16 11:50 | n/a        | L:GLA879         |
| Run #2              |            |    |          |     |                |            |                  |

|        | Initial Weight | Final Volume | Methanol Aliquot |
|--------|----------------|--------------|------------------|
| Run #1 | 5.10 g         | 5.0 ml       | 100 ul           |
| Run #2 |                |              |                  |

| CAS No.  | Compound             | Result | RL     | MDL     | Units | Q |
|----------|----------------------|--------|--------|---------|-------|---|
|          | TPH-GRO (C6-C10)     | ND     | 6.1    | 6.0     | mg/kg |   |
| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |       |   |
| 460-00-4 | 4-Bromofluorobenzene | 95%    |        | 63-139% |       |   |
| 540-36-3 | 1,4-Difluorobenzene  | 97%    |        | 52-140% |       |   |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | BG                                                     |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC92756-3A                                             |  |  |  |  | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/04/16 |
| <b>Method:</b>           | SW846 8015C SW846 3546                                 |  |  |  |  | <b>Percent Solids:</b> | 89.0     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | S0024163.D | 1  | 10/05/16 | ALA | 10/05/16  | L:OP6461   | L:GLG392         |
| Run #2              |            |    |          |     |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 20.1 g         | 1.0 ml       |
| Run #2 |                |              |

| CAS No. | Compound          | Result | RL  | MDL  | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
|         | TPH-DRO (C10-C28) | 20.6   | 5.6 | 1.4  | mg/kg |   |
|         | TPH-ORO (C28-C35) | 18.8   | 5.6 | 0.50 | mg/kg |   |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|---------|----------------------|--------|--------|---------|
| 84-15-1 | o-Terphenyl          | 67%    |        | 31-130% |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | TRIP BLANK                                             | <b>Date Sampled:</b>   | 10/03/16 |
| <b>Lab Sample ID:</b>    | TC92756-4                                              | <b>Date Received:</b>  | 10/04/16 |
| <b>Matrix:</b>           | AQ - Trip Blank Water                                  | <b>Percent Solids:</b> | n/a      |
| <b>Method:</b>           | SW846 8260C                                            |                        |          |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

|        | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | G0268560.D | 1  | 10/05/16 | ZQ | n/a       | n/a        | VG2115           |
| Run #2 |            |    |          |    |           |            |                  |

|        | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml       |
| Run #2 |              |

## Purgeable Aromatics

| CAS No.   | Compound       | Result | RL  | MDL  | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 71-43-2   | Benzene        | ND     | 1.0 | 0.47 | ug/l  |   |
| 108-88-3  | Toluene        | ND     | 1.0 | 0.49 | ug/l  |   |
| 100-41-4  | Ethylbenzene   | ND     | 1.0 | 0.46 | ug/l  |   |
| 1330-20-7 | Xylene (total) | ND     | 3.0 | 1.2  | ug/l  |   |

| CAS No.    | Surrogate Recoveries  | Run# 1 | Run# 2 | Limits  |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7  | Dibromofluoromethane  | 108%   |        | 72-122% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107%   |        | 68-124% |
| 2037-26-5  | Toluene-D8            | 99%    |        | 80-119% |
| 460-00-4   | 4-Bromofluorobenzene  | 99%    |        | 72-126% |

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



## Misc. Forms

### Custody Documents and Other Forms

---

Includes the following where applicable:

- Chain of Custody



ENGINEERING, WATER RESOURCES &amp; ENVIRONMENTAL

LAS VEGAS • RENO • PHOENIX •

Laboratory Name: SGS - Accutest

CHICO • SAN ANTONIO

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## 4.1

Page 1 of 4

Delivered by (circle one): FedEx/UPS Client

Date: 10/4/16

Client: BROADBENT

Cooler Number: 1

Thermometer ID: 405 °C 0.0 Corrected Temp °C 2.4

SAMPLES CONTAINED IN COOLER ...

-TRIP BLANK MARKED

FOR ALL ANALYSIS

ON CHAIN

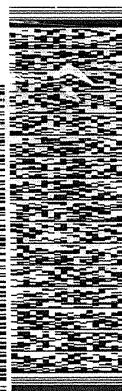
ORIGIN: 10-SCRA (890) 816-5434  
ANDREI SUJOS  
BROADBENT & ASSOCIATES  
113 FALLS COURT, SUITE # 700  
BOERNE, TX 78006  
UNITED STATES US

SHIP DATE: 25MAR16  
ACTWTG: 55.0 LB TAN  
CRD: 0-143286/CFE2512  
BILL: SENDER

TO SAMPLE MANAGEMENT  
SGS ACCUTEST

10165 HARWIN DRIVE  
SUITE 150  
HOUSTON TX 77036

(713) 271-4700  
REF: 44642



RETURNS MON - SAT

TUE - 04 OCT 10:30A  
PRIORITY OVERNIGHT

77036 TX-US IAH

43 SGRA



ST GULF COA  
10/13/16

STD 324607 890C116 SATR 590C1/52Z/NEHA

SGS Accutest Sample Receipt Summary

Page 1 of 2

Job Number: TC92756

Client: BROADBENT

Project: PILOT TRANSPORTATION

Date / Time Received:

Delivery Method:

Airbill #s: 643273770360

No. Coolers: 1

Therm ID: IR-5;

Temp Adjustment Factor: 0;

Cooler Temps (Initial/Adjusted): #1: (2.4/2.4);

Cooler Security

Y or N

Y or N

1. Custody Seals Present:

☒

☐

3. COC Present:

☒

☐

2. Custody Seals Intact:

☒

☐

4. Smpl Dates/Time OK

☒

☐

Cooler Temperature

Y or N

1. Temp criteria achieved:

☒

☐

2. Cooler temp verification:

3. Cooler media:

Ice (Bag)

Quality Control Preservation

Y or N

N/A

WTB

STB

1. Trip Blank present / cooler:

☒

☐

☐

☒

☐

2. Trip Blank listed on COC:

☒

☐

☐

3. Samples preserved properly:

☒

☐

4. VOCs headspace free:

☐

☐

☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles:

☒

☐

2. Container labeling complete:

☒

☐

3. Sample container label / COC agree:

☒

☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT:

☒

☐

2. All containers accounted for:

☒

☐

3. Condition of sample:

Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear:

☒

☐

2. Bottles received for unspecified tests

☐

☒

3. Sufficient volume recvd for analysis:

☒

☐

4. Compositing instructions clear:

☐

☐

☒

5. Filtering instructions clear:

☐

☐

☒

Comments TB is marked for all analysis on COC.

# Sample Receipt Log

Page 2 of 2

Job #: TC92756

Date / Time Received: 10/4/2016 9:45:00 AM

Initials: DS

Client: BROADBENT

| Cooler # | Sample ID: | Vol  | Bot # | Location | Pres | pH                                                                 | Therm ID | Initial Temp | Therm CF | Corrected Temp |
|----------|------------|------|-------|----------|------|--------------------------------------------------------------------|----------|--------------|----------|----------------|
|          | TC92756-1  | 4oz  | 1     | 2-54     | N/P  | Note #2 - Preservative check not applicable.                       |          |              |          |                |
|          | TC92756-2  | 4oz  | 1     | 2-54     | N/P  | Note #2 - Preservative check not applicable.                       |          |              |          |                |
|          | TC92756-3  | 4oz  | 1     | 2-54     | N/P  | Note #2 - Preservative check not applicable.                       |          |              |          |                |
| 1        | TC92756-4  | 40ml | 1     | VR       | HCL  | Note #1 - Preservative to be checked by analyst at the instrument. | IR-5     | 2.4          | 0        | 2.4            |
| 1        | TC92756-4  | 40ml | 2     | VR       | HCL  | Note #1 - Preservative to be checked by analyst at the instrument. | IR-5     | 2.4          | 0        | 2.4            |

4.1  
4

TC92756: Chain of Custody

Page 4 of 4

## GC/MS Volatiles

5

## QC Data Summaries

---

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VR1389-MB | R0338234.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-1, TC92756-3

| CAS No.   | Compound       | Result | RL  | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 71-43-2   | Benzene        | ND     | 4.0 | 1.2 | ug/kg |   |
| 100-41-4  | Ethylbenzene   | ND     | 4.0 | 1.3 | ug/kg |   |
| 108-88-3  | Toluene        | ND     | 4.0 | 1.8 | ug/kg |   |
| 1330-20-7 | Xylene (total) | ND     | 12  | 3.8 | ug/kg |   |

| CAS No.    | Surrogate Recoveries  | Limits       |
|------------|-----------------------|--------------|
| 1868-53-7  | Dibromofluoromethane  | 95% 59-126%  |
| 2037-26-5  | Toluene-D8            | 100% 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 97% 63-138%  |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% 54-123%  |

Method Blank Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VG2115-MB | G0268555.D | 1  | 10/05/16 | ZQ | n/a       | n/a        | VG2115           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-4

| CAS No.   | Compound       | Result | RL  | MDL  | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 71-43-2   | Benzene        | ND     | 1.0 | 0.47 | ug/l  |   |
| 100-41-4  | Ethylbenzene   | ND     | 1.0 | 0.46 | ug/l  |   |
| 108-88-3  | Toluene        | ND     | 1.0 | 0.49 | ug/l  |   |
| 1330-20-7 | Xylene (total) | ND     | 3.0 | 1.2  | ug/l  |   |

| CAS No.    | Surrogate Recoveries  | Limits       |
|------------|-----------------------|--------------|
| 1868-53-7  | Dibromofluoromethane  | 110% 72-122% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% 68-124% |
| 2037-26-5  | Toluene-D8            | 98% 80-119%  |
| 460-00-4   | 4-Bromofluorobenzene  | 100% 72-126% |

Method Blank Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VY4316-MB | Y1085804.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-1, TC92756-2

| CAS No.   | Compound       | Result | RL  | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 71-43-2   | Benzene        | ND     | 4.0 | 1.2 | ug/kg |   |
| 100-41-4  | Ethylbenzene   | ND     | 4.0 | 1.3 | ug/kg |   |
| 108-88-3  | Toluene        | ND     | 4.0 | 1.8 | ug/kg |   |
| 1330-20-7 | Xylene (total) | ND     | 12  | 3.8 | ug/kg |   |

| CAS No.    | Surrogate Recoveries  | Limits       |
|------------|-----------------------|--------------|
| 1868-53-7  | Dibromofluoromethane  | 97% 59-126%  |
| 2037-26-5  | Toluene-D8            | 101% 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 95% 63-138%  |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% 54-123%  |

Blank Spike Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VR1389-BS | R0338232.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-1, TC92756-3

| CAS No.   | Compound       | Spike<br>ug/kg | BSP<br>ug/kg | BSP<br>% | Limits |
|-----------|----------------|----------------|--------------|----------|--------|
| 71-43-2   | Benzene        | 50             | 41.5         | 83       | 58-124 |
| 100-41-4  | Ethylbenzene   | 50             | 41.3         | 83       | 57-124 |
| 108-88-3  | Toluene        | 50             | 40.1         | 80       | 67-119 |
| 1330-20-7 | Xylene (total) | 150            | 124          | 83       | 62-120 |

| CAS No.    | Surrogate Recoveries  | BSP  | Limits  |
|------------|-----------------------|------|---------|
| 1868-53-7  | Dibromofluoromethane  | 101% | 59-126% |
| 2037-26-5  | Toluene-D8            | 99%  | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 100% | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97%  | 54-123% |

\* = Outside of Control Limits.

## Blank Spike Summary

Page 1 of 1

**Job Number:** TC92756

**Account:** PILOTSS Pilot Travel Centers LLC

**Project:** BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VG2115-BS | G0268552.D | 1  | 10/04/16 | ZQ | n/a       | n/a        | VG2115           |

The QC reported here applies to the following samples:

Method: SW846 8260C

TC92756-4

| CAS No.   | Compound       | Spike<br>ug/l | BSP<br>ug/l | BSP<br>% | Limits |
|-----------|----------------|---------------|-------------|----------|--------|
| 71-43-2   | Benzene        | 25            | 25.3        | 101      | 68-119 |
| 100-41-4  | Ethylbenzene   | 25            | 25.8        | 103      | 71-117 |
| 108-88-3  | Toluene        | 25            | 24.7        | 99       | 73-119 |
| 1330-20-7 | Xylene (total) | 75            | 72.9        | 97       | 74-119 |

| CAS No.    | Surrogate Recoveries  | BSP  | Limits  |
|------------|-----------------------|------|---------|
| 1868-53-7  | Dibromofluoromethane  | 106% | 72-122% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 101% | 68-124% |
| 2037-26-5  | Toluene-D8            | 99%  | 80-119% |
| 460-00-4   | 4-Bromofluorobenzene  | 104% | 72-126% |

\* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VY4316-BS | Y1085801.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-1, TC92756-2

| CAS No.   | Compound       | Spike<br>ug/kg | BSP<br>ug/kg | BSP<br>% | Limits |
|-----------|----------------|----------------|--------------|----------|--------|
| 71-43-2   | Benzene        | 50             | 42.2         | 84       | 58-124 |
| 100-41-4  | Ethylbenzene   | 50             | 43.0         | 86       | 57-124 |
| 108-88-3  | Toluene        | 50             | 42.2         | 84       | 67-119 |
| 1330-20-7 | Xylene (total) | 150            | 133          | 89       | 62-120 |

| CAS No.    | Surrogate Recoveries  | BSP | Limits  |
|------------|-----------------------|-----|---------|
| 1868-53-7  | Dibromofluoromethane  | 99% | 59-126% |
| 2037-26-5  | Toluene-D8            | 96% | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 99% | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | 54-123% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample       | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|------------|----|----------|----|-----------|------------|------------------|
| TC92751-3MS  | R0338240.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |
| TC92751-3MSD | R0338241.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |
| TC92751-3    | R0338239.D | 1  | 10/04/16 | FI | n/a       | n/a        | VR1389           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-1, TC92756-3

| CAS No.   | Compound       | TC92751-3<br>ug/kg | Spike<br>Q ug/kg | MS<br>ug/kg | MS<br>% | Spike<br>ug/kg | MSD<br>ug/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|-----------|----------------|--------------------|------------------|-------------|---------|----------------|--------------|----------|-----|-------------------|
| 71-43-2   | Benzene        | ND                 | 56.6             | 49.5        | 87      | 58.4           | 47.9         | 82       | 3   | 58-124/26         |
| 100-41-4  | Ethylbenzene   | ND                 | 56.6             | 48.6        | 86      | 58.4           | 46.4         | 79       | 5   | 57-124/29         |
| 108-88-3  | Toluene        | ND                 | 56.6             | 51.7        | 91      | 58.4           | 48.7         | 83       | 6   | 67-119/28         |
| 1330-20-7 | Xylene (total) | ND                 | 170              | 139         | 82      | 175            | 132          | 75       | 5   | 62-120/27         |

| CAS No.    | Surrogate Recoveries  | MS   | MSD  | TC92751-3 | Limits  |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7  | Dibromofluoromethane  | 100% | 99%  | 95%       | 59-126% |
| 2037-26-5  | Toluene-D8            | 105% | 104% | 101%      | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 120% | 117% | 122%      | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91%  | 90%  | 90%       | 54-123% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample       | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|------------|----|----------|----|-----------|------------|------------------|
| TC92247-4MS  | G0268557.D | 1  | 10/05/16 | ZQ | n/a       | n/a        | VG2115           |
| TC92247-4MSD | G0268558.D | 1  | 10/05/16 | ZQ | n/a       | n/a        | VG2115           |
| TC92247-4    | G0268556.D | 1  | 10/05/16 | ZQ | n/a       | n/a        | VG2115           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-4

| CAS No.   | Compound       | TC92247-4<br>ug/l | Spike<br>Q<br>ug/l | MS<br>ug/l | MS<br>% | Spike<br>ug/l | MSD<br>ug/l | MSD<br>% | RPD | Limits<br>Rec/RPD |
|-----------|----------------|-------------------|--------------------|------------|---------|---------------|-------------|----------|-----|-------------------|
| 71-43-2   | Benzene        | ND                | 25                 | 26.5       | 106     | 25            | 25.8        | 103      | 3   | 68-119/12         |
| 100-41-4  | Ethylbenzene   | ND                | 25                 | 26.7       | 107     | 25            | 26.4        | 106      | 1   | 71-117/12         |
| 108-88-3  | Toluene        | ND                | 25                 | 25.8       | 103     | 25            | 25.3        | 101      | 2   | 73-119/13         |
| 1330-20-7 | Xylene (total) | ND                | 75                 | 75.3       | 100     | 75            | 74.5        | 99       | 1   | 74-119/13         |

| CAS No.    | Surrogate Recoveries  | MS   | MSD  | TC92247-4 | Limits  |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7  | Dibromofluoromethane  | 105% | 103% | 110%      | 72-122% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | 101% | 106%      | 68-124% |
| 2037-26-5  | Toluene-D8            | 100% | 100% | 98%       | 80-119% |
| 460-00-4   | 4-Bromofluorobenzene  | 102% | 102% | 102%      | 72-126% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC92756  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample                 | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------------------|------------|----|----------|----|-----------|------------|------------------|
| TC92756-1MS            | Y1085810.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |
| TC92756-1MSD           | Y1085811.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |
| TC92756-1 <sup>a</sup> | Y1085808.D | 1  | 10/05/16 | FI | n/a       | n/a        | VY4316           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC92756-1, TC92756-2

| CAS No.   | Compound       | TC92756-1<br>ug/kg | Spike<br>Q ug/kg | MS<br>ug/kg | MS<br>% | Spike<br>ug/kg | MSD<br>ug/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|-----------|----------------|--------------------|------------------|-------------|---------|----------------|--------------|----------|-----|-------------------|
| 71-43-2   | Benzene        | ND                 | 3630             | 3130        | 86      | 3630           | 2940         | 81       | 6   | 58-124/26         |
| 100-41-4  | Ethylbenzene   | 295                | 3630             | 3400        | 85      | 3630           | 3260         | 82       | 4   | 57-124/29         |
| 108-88-3  | Toluene        | 792                | 3630             | 3710        | 80      | 3630           | 3610         | 78       | 3   | 67-119/28         |
| 1330-20-7 | Xylene (total) | 2090               | 10900            | 11200       | 84      | 10900          | 10800        | 80       | 4   | 62-120/27         |

| CAS No.    | Surrogate Recoveries  | MS  | MSD | TC92756-1 | Limits  |
|------------|-----------------------|-----|-----|-----------|---------|
| 1868-53-7  | Dibromofluoromethane  | 97% | 98% | 94%       | 59-126% |
| 2037-26-5  | Toluene-D8            | 97% | 98% | 104%      | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 98% | 97% | 96%       | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% | 93% | 96%       | 54-123% |

(a) Sample collected in bulk. All results are considered estimated values.

\* = Outside of Control Limits.

## General Chemistry

### QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: TC92756  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Analyte  | Batch ID        | RL  | MB<br>Result | Units | Spike<br>Amount | BSP<br>Result | BSP<br>%Recov | QC<br>Limits |
|----------|-----------------|-----|--------------|-------|-----------------|---------------|---------------|--------------|
| Chloride | GP38522/GN76434 | 2.5 | 0.0          | mg/kg | 50              | 45.1          | 90.2          | 90-110%      |

Associated Samples:  
Batch GP38522: TC92756-1, TC92756-2, TC92756-3  
(\*) Outside of QC limits

6.1  
6

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: TC92756  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Analyte         | Batch ID        | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|-----------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Chloride        | GP38522/GN76434 | TC92660-1 | mg/kg | 44.9            | 45.1       | 0.4 | 0-20%     |
| Solids, Percent | GN76401         | TC92756-1 | %     | 80.1            | 80.6       | 0.6 | 0-5%      |

Associated Samples:

Batch GN76401: TC92756-1, TC92756-2, TC92756-3

Batch GP38522: TC92756-1, TC92756-2, TC92756-3

(\*) Outside of QC limits

6.2

6

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: TC92756  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Analyte  | Batch ID        | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec      | QC Limits |
|----------|-----------------|-----------|-------|-----------------|--------------|-----------|-----------|-----------|
| Chloride | GP38522/GN76434 | TC92660-1 | mg/kg | 44.9            | 49.6         | 132       | 175.6N(a) | 80-120%   |

Associated Samples:

Batch GP38522: TC92756-1, TC92756-2, TC92756-3

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Outside control limits due to matrix interference and/or sample nonhomogeneity.

6.3

6

## Misc. Forms

### Custody Documents and Other Forms

(SGS Accutest Lafayette)

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Includes the following where applicable:

- Chain of Custody

10165 Harwin Drive, Houston, TX 77036  
TEL: 713-271-4700 FAX: 713-271-4770  
[www.sgs.com](http://www.sgs.com)

[illegible]

## 7.1

## TC92756: Chain of Custody

Page 1 of 4

SGS Accutest Lafayette

Date / Time: 10/5/2016 9:40:19 AM

CSR: TRAMESHB

Job #: TC92756

Client Project: BAI: Pilot Transportation/16-07-101-1407

Deliverable: COMMB

TAT: Due 10/6/2016

Sub Lab: Accutest Gulf Coast Louisiana

Address: 500 Ambassador Caffery Prkway

City: Scott

State: LA

Zip: 70583

Contact: Sample Receiving

Phone: 800-304-5227

| SGS Accutest Sample # | Client Sample Description | Analysis              | Location | Sampled By | Date Sampled | Time Sampled | Aliquot |
|-----------------------|---------------------------|-----------------------|----------|------------|--------------|--------------|---------|
| TC92756-1A            | 1@9"                      | B8015DROORO_V8015GRO_ |          |            | 10/3/2016    | 8:40:00 AM   |         |
| TC92756-2A            | 2@8"                      | B8015DROORO_V8015GRO_ |          |            | 10/3/2016    | 9:00:00 AM   |         |
| TC92756-3A            | BG                        | B8015DROORO_V8015GRO_ |          |            | 10/3/2016    | 9:15:00 AM   |         |

Comments:

Sample Management Receipt: \_\_\_\_\_

Date: \_\_\_\_\_

YL39  
I = 4oz n/p 12A3

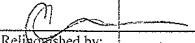
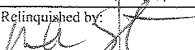
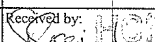
TC92756: Chain of Custody

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TC92-756

**BROADBENT & ASSOCIATES, INC.**  
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
LAS VEGAS • RENO • PHOENIX  
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[www.broadbentinc.com](http://www.broadbentinc.com)

Laboratory Name: SGS - Accutest

| www.broadbentinc.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-------------------|-----------------------------|--------------|-----------|------------------------|----------|-------------------|----------|-----|-------|----------|---------------|----------------|------------------|----------------|----------------------|-----------|
| Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         | Matrix | Preservation      | Requested Analyses (Circle) |              |           |                        | Lab. No. | Page ____ of ____ |          |     |       |          |               |                |                  |                |                      |           |
| Sample I.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date    | Time   | No. of Containers | Soil/Solid                  | Water/Liquid | Air/Vapor | Unpreserved (Ice Only) |          | DI Water          | Methanol | HCL | Other | BTXE/PAH | EPA 8021/8260 | Full Range TPH | EPA 8015/1X 1005 | PAH - EPA 8270 | IF TPH in DRO as ORO | chlorides |
| 1 109-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10-2-16 | 0840   | 1                 | X                           |              | X         |                        |          |                   |          |     |       | X        | X             | X              |                  |                |                      |           |
| 2 108-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1       | 0900   | 1                 | X                           |              | X         |                        |          |                   |          |     |       | X        | X             | X              |                  |                |                      |           |
| 3 BG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         | 0915   | 1                 | X                           |              | X         |                        |          |                   |          |     |       | X        | X             | X              |                  |                |                      |           |
| 4 Trip blank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |        | 1                 |                             | X            | X         |                        |          |                   |          |     |       | X        | X             | X              |                  |                |                      |           |
| <div style="text-align: right;"> <b>ONLY RUN PAH on the sample with the HIGHEST TPH concentration per MATRIX</b> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |
| <div style="text-align: right;"> <b>Comments:</b><br/>           16-07-101-1407<br/>           10 bbl Crude - 10-1-16<br/>           email results to:<br/>           Chauvstad@broadbentinc.com         </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |
| <div style="text-align: right;"> <input type="checkbox"/> Bill To: Broadbent<br/> <input checked="" type="checkbox"/> Bill To: Pilot Flying J<br/> <input type="checkbox"/> Bill To:         </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |
| <div style="display: flex; justify-content: space-between;"> <div> <b>Relinquished by Sampler:</b><br/> <br/> <b>Relinquished by:</b> Fedex<br/>  </div> <div> <b>Date:</b> 10/3/16<br/> <b>Time:</b> 1602<br/> <b>Date:</b> 10/4/16<br/> <b>Time:</b> 1800         </div> <div> <b>Received by:</b> Tedex<br/> <br/> <b>Received for Laboratory by:</b> </div> <div> <b>Date:</b> 10/4/16<br/> <b>Time:</b> 8:45         </div> </div> |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |
| <div style="display: flex; justify-content: space-between;"> <div> <b>Turnaround Time</b><br/> <input checked="" type="checkbox"/> 24 hours<br/> <input type="checkbox"/> Standard         </div> <div> <b>Submit/Fax Results to:</b><br/> <input type="checkbox"/> Broadbent &amp; Associates, Inc.<br/>           113 Falls Court, STE 700<br/>           Boerne, TX 78006<br/>           Phone (830) 816-5434<br/> <input type="checkbox"/> Fax (830) 516-5436<br/> <input checked="" type="checkbox"/> Email: Chauvstad@broadbentinc.com<br/> <input type="checkbox"/> Other:         </div> </div>                                                                                    |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |
| <b>Use Detection Limits</b><br><input checked="" type="checkbox"/> New Mexico<br><input type="checkbox"/> Oklahoma<br><input type="checkbox"/> Texas<br><input type="checkbox"/> Other:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |        |                   |                             |              |           |                        |          |                   |          |     |       |          |               |                |                  |                |                      |           |

## 7.1

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# SGS Accutest Sample Receipt Summary

Job Number: TC92756

Client: SGS ACCUTEST

Project: PILOT TRANSPORTATION

Date / Time Received: 10/5/2016 10:00:00 AM

Delivery Method: Accutest Courier

Airbill #'s:

Cooler Temps (Initial/Adjusted): #1: (1.3/1.3):

## Cooler Security

|                           | Y                                   | or | N                        |                       | Y                                   | or | N                        |
|---------------------------|-------------------------------------|----|--------------------------|-----------------------|-------------------------------------|----|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |

## Cooler Temperature

|                            | Y                                   | or | N                        |
|----------------------------|-------------------------------------|----|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Thermometer ID:         | ;                                   |    |                          |
| 3. Cooler media:           | Ice (direct contact)                |    |                          |
| 4. No. Coolers:            | 1                                   |    |                          |

## Quality Control Preservation

|                                 | Y                                   | or | N                        | N/A                                 |
|---------------------------------|-------------------------------------|----|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |                                     |
| 4. VOCs headspace free:         | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

## Sample Integrity - Documentation

|                                        | Y                                   | or | N                        |
|----------------------------------------|-------------------------------------|----|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |

## Sample Integrity - Condition

|                                  | Y                                   | or | N                        |
|----------------------------------|-------------------------------------|----|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 3. Condition of sample:          | Intact                              |    |                          |

## Sample Integrity - Instructions

|                                           | Y                                   | or | N                                   | N/A                                 |
|-------------------------------------------|-------------------------------------|----|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> |    | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            |    | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            |    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            |    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Comments

TC92756: Chain of Custody

Page 4 of 4

## GC Volatiles

## QC Data Summaries

(SGS Accutest Lafayette)

---

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| GLA879-MB2 | LA252835.D | 1  | 10/05/16 | MB | n/a       | n/a        | GLA879           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound         | Result | RL  | MDL | Units | Q |
|---------|------------------|--------|-----|-----|-------|---|
|         | TPH-GRO (C6-C10) | ND     | 5.0 | 4.9 | mg/kg |   |

| CAS No.  | Surrogate Recoveries | Limits      |
|----------|----------------------|-------------|
| 460-00-4 | 4-Bromofluorobenzene | 96% 63-139% |
| 540-36-3 | 1,4-Difluorobenzene  | 97% 52-140% |

Blank Spike Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| GLA879-BS2 | LA252833.D | 1  | 10/05/16 | MB | n/a       | n/a        | GLA879           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound         | Spike<br>mg/kg | BSP<br>mg/kg | BSP<br>% | Limits |
|---------|------------------|----------------|--------------|----------|--------|
|         | TPH-GRO (C6-C10) | 50             | 41.6         | 83       | 79-121 |

| CAS No.  | Surrogate Recoveries | BSP  | Limits  |
|----------|----------------------|------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 106% | 63-139% |
| 540-36-3 | 1,4-Difluorobenzene  | 102% | 52-140% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample                     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------------------------|------------|----|----------|----|-----------|------------|------------------|
| TC92756-3AMS <sup>a</sup>  | LA252845.D | 1  | 10/05/16 | MB | n/a       | n/a        | GLA879           |
| TC92756-3AMSD <sup>a</sup> | LA252847.D | 1  | 10/05/16 | MB | n/a       | n/a        | GLA879           |
| TC92756-3A                 | LA252839.D | 1  | 10/05/16 | MB | n/a       | n/a        | GLA879           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound         | TC92756-3A Spike<br>mg/kg | Q | MS<br>mg/kg | MS<br>% | Spike<br>mg/kg | MSD<br>mg/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|---------|------------------|---------------------------|---|-------------|---------|----------------|--------------|----------|-----|-------------------|
|         | TPH-GRO (C6-C10) | ND                        |   | 123         | 88.9    | 73*            | 123          | 93.3     | 76* | 5 79-121/6        |

| CAS No.  | Surrogate Recoveries | MS  | MSD | TC92756-3A Limits |
|----------|----------------------|-----|-----|-------------------|
| 460-00-4 | 4-Bromofluorobenzene | 99% | 99% | 95% 63-139%       |
| 540-36-3 | 1,4-Difluorobenzene  | 99% | 98% | 97% 52-140%       |

(a) Outside control limits due to possible sample non-homogeneity. Blank Spike meets acceptance criteria.

\* = Outside of Control Limits.

## GC Semi-volatiles

### QC Data Summaries

(SGS Accutest Lafayette)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| OP6461-MB | S0024154.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound          | Result | RL  | MDL  | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
|         | TPH-DRO (C10-C28) | ND     | 5.0 | 1.2  | mg/kg |   |
|         | TPH-ORO (C28-C35) | ND     | 5.0 | 0.45 | mg/kg |   |

| CAS No. | Surrogate Recoveries | Limits      |
|---------|----------------------|-------------|
| 84-15-1 | o-Terphenyl          | 68% 31-130% |

Blank Spike Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| OP6461-BS1 | S0024155.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound          | Spike<br>mg/kg | BSP<br>mg/kg | BSP<br>% | Limits |
|---------|-------------------|----------------|--------------|----------|--------|
|         | TPH-DRO (C10-C28) | 150            | 106          | 71       | 60-115 |

| CAS No. | Surrogate Recoveries | BSP | Limits  |
|---------|----------------------|-----|---------|
| 84-15-1 | o-Terphenyl          | 74% | 31-130% |

\* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| OP6461-BS2 | S0024156.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound          | Spike<br>mg/kg | BSP<br>mg/kg | BSP<br>% | Limits |
|---------|-------------------|----------------|--------------|----------|--------|
|         | TPH-ORO (C28-C35) | 60             | 34.0         | 57       | 25-120 |

| CAS No. | Surrogate Recoveries | BSP | Limits  |
|---------|----------------------|-----|---------|
| 84-15-1 | o-Terphenyl          | 84% | 31-130% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample      | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP6461-MS1  | S0024157.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |
| OP6461-MSD1 | S0024158.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |
| TC92756-1A  | S0024161.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound          | TC92756-1A Spike |     | MS    | MS    | Spike | MSD   | MSD | Limits |           |
|---------|-------------------|------------------|-----|-------|-------|-------|-------|-----|--------|-----------|
|         |                   | mg/kg            | Q   | mg/kg | mg/kg | mg/kg | mg/kg | %   | RPD    | Rec/RPD   |
|         | TPH-DRO (C10-C28) | 186              | 187 | 313   | 68    | 184   | 353   | 91  | 12     | 60-115/46 |

| CAS No. | Surrogate Recoveries | MS  | MSD | TC92756-1A Limits |         |
|---------|----------------------|-----|-----|-------------------|---------|
| 84-15-1 | o-Terphenyl          | 89% | 99% | 71%               | 31-130% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC92756  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation/16-07-101-1407

| Sample      | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP6461-MS2  | S0024159.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |
| OP6461-MSD2 | S0024160.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |
| TC92756-1A  | S0024161.D | 1  | 10/05/16 | JT | 10/05/16  | OP6461     | GLG392           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC92756-1A, TC92756-2A, TC92756-3A

| CAS No. | Compound          | TC92756-1A Spike |         | MS    | MS | Spike | MSD   | MSD |     | Limits    |
|---------|-------------------|------------------|---------|-------|----|-------|-------|-----|-----|-----------|
|         |                   | mg/kg            | Q mg/kg | mg/kg | %  | mg/kg | mg/kg | %   | RPD | Rec/RPD   |
|         | TPH-ORO (C28-C35) | 35.9             | 74.5    | 71.1  | 47 | 73.4  | 71.7  | 49  | 1   | 25-120/34 |

| CAS No. | Surrogate Recoveries | MS  | MSD | TC92756-1A Limits |
|---------|----------------------|-----|-----|-------------------|
| 84-15-1 | o-Terphenyl          | 71% | 68% | 71% 31-130%       |

\* = Outside of Control Limits.

### Technical Report for

Pilot Travel Centers LLC

BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

SGS Accutest Job Number: TC93255

Sampling Date: 10/11/16

Report to:

Broadbent & Associates  
113 Falls Court Suite 700  
Boerne, TX 78006  
chaugstad@broadbentinc.com

ATTN: Chris Haugstad

Total number of pages in report: 37



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

  
Richard Rodriguez  
Laboratory Director

Client Service contact: Sylvia Garza 713-271-4700

Certifications: TX (T104704220-16-24) AR (14-016-0) AZ (AZ0769) FL (E87628)  
KS (E-10366) LA (85695/04004) NJ (TX010) OK (2014-172) VA (7654)

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Test results relate only to samples analyzed.

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Sample Summary

Pilot Travel Centers LLC

Job No: TC93255

BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample<br>Number | Collected |         | Received | Matrix |      | Client<br>Sample ID |
|------------------|-----------|---------|----------|--------|------|---------------------|
|                  | Date      | Time By |          | Code   | Type |                     |
| TC93255-1        | 10/11/16  | 00:00   | 10/13/16 | SO     | Soil | 4@ (18")            |

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: TC93255  
Account: Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407  
Collected: 10/11/16

| Lab Sample ID                  | Client Sample ID | Result/<br>Qual | RL  | MDL | Units | Method      |
|--------------------------------|------------------|-----------------|-----|-----|-------|-------------|
| TC93255-1                      | 4@ (18")         |                 |     |     |       |             |
| Benzene <sup>a</sup>           |                  | 10.7            | 4.6 | 1.4 | ug/kg | SW846 8260C |
| Toluene <sup>a</sup>           |                  | 18.2            | 4.6 | 2.0 | ug/kg | SW846 8260C |
| Ethylbenzene <sup>a</sup>      |                  | 2.0 J           | 4.6 | 1.5 | ug/kg | SW846 8260C |
| Xylene (total) <sup>a</sup>    |                  | 13.3 J          | 14  | 4.4 | ug/kg | SW846 8260C |
| TPH-DRO (C10-C28) <sup>b</sup> |                  | 1.43 J          | 5.6 | 1.4 | mg/kg | SW846 8015C |
| Chloride                       |                  | 198             | 5.6 |     | mg/kg | EPA 300     |

(a) Sample collected in bulk. All results are considered estimated values.  
(b) Analysis performed at SGS Accutest, Lafayette, LA.

**Sample Results**

**Report of Analysis**

## Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | 4@ (18")                                               | <b>Date Sampled:</b>   | 10/11/16 |
| <b>Lab Sample ID:</b>    | TC93255-1                                              | <b>Date Received:</b>  | 10/13/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Percent Solids:</b> | 88.4     |
| <b>Method:</b>           | SW846 8260C                                            |                        |          |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

|                     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | R0338415.D | 1  | 10/17/16 | FI | n/a       | n/a        | VR1396           |
| Run #2              |            |    |          |    |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 4.88 g         | 5.0 ml       |
| Run #2 |                |              |

## Purgeable Aromatics

| CAS No.   | Compound       | Result | RL  | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 71-43-2   | Benzene        | 10.7   | 4.6 | 1.4 | ug/kg |   |
| 108-88-3  | Toluene        | 18.2   | 4.6 | 2.0 | ug/kg |   |
| 100-41-4  | Ethylbenzene   | 2.0    | 4.6 | 1.5 | ug/kg | J |
| 1330-20-7 | Xylene (total) | 13.3   | 14  | 4.4 | ug/kg | J |

| CAS No.    | Surrogate Recoveries  | Run# 1 | Run# 2 | Limits  |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7  | Dibromofluoromethane  | 99%    |        | 59-126% |
| 2037-26-5  | Toluene-D8            | 99%    |        | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 103%   |        | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 100%   |        | 54-123% |

(a) Sample collected in bulk. All results are considered estimated values.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |  |  |  |  |                        |          |
|--------------------------|--------------------------------------------------------|--|--|--|--|------------------------|----------|
| <b>Client Sample ID:</b> | 4@ (18")                                               |  |  |  |  |                        |          |
| <b>Lab Sample ID:</b>    | TC93255-1                                              |  |  |  |  | <b>Date Sampled:</b>   | 10/11/16 |
| <b>Matrix:</b>           | SO - Soil                                              |  |  |  |  | <b>Date Received:</b>  | 10/13/16 |
| <b>Method:</b>           | SW846 8015C                                            |  |  |  |  | <b>Percent Solids:</b> | 88.4     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |  |  |  |  |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | LA253500.D | 1  | 10/14/16 | ALA | n/a       | n/a        | L:GLA896         |
| Run #2              |            |    |          |     |           |            |                  |

|        | Initial Weight | Final Volume | Methanol Aliquot |
|--------|----------------|--------------|------------------|
| Run #1 | 5.30 g         | 5.0 ml       | 100 ul           |
| Run #2 |                |              |                  |

| CAS No.  | Compound             | Result | RL     | MDL     | Units | Q |
|----------|----------------------|--------|--------|---------|-------|---|
|          | TPH-GRO (C6-C10)     | ND     | 6.0    | 5.9     | mg/kg |   |
| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |       |   |
| 460-00-4 | 4-Bromofluorobenzene | 100%   |        | 63-139% |       |   |
| 540-36-3 | 1,4-Difluorobenzene  | 103%   |        | 52-140% |       |   |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

## Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | 4@ (18")                                               |                        |          |
| <b>Lab Sample ID:</b>    | TC93255-1                                              | <b>Date Sampled:</b>   | 10/11/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Date Received:</b>  | 10/13/16 |
| <b>Method:</b>           | SW846 8015C SW846 3546                                 | <b>Percent Solids:</b> | 88.4     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

|                     | File ID    | DF | Analyzed | By  | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|-----|-----------|------------|------------------|
| Run #1 <sup>a</sup> | S0024456.D | 1  | 10/16/16 | ALA | 10/14/16  | L:OP6546   | L:GLG398         |
| Run #2              |            |    |          |     |           |            |                  |

|        | Initial Weight | Final Volume |
|--------|----------------|--------------|
| Run #1 | 20.3 g         | 1.0 ml       |
| Run #2 |                |              |

| CAS No. | Compound          | Result | RL  | MDL  | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
|         | TPH-DRO (C10-C28) | 1.43   | 5.6 | 1.4  | mg/kg | J |
|         | TPH-ORO (C28-C35) | ND     | 5.6 | 0.50 | mg/kg |   |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|---------|----------------------|--------|--------|---------|
| 84-15-1 | o-Terphenyl          | 80%    |        | 31-130% |

(a) Analysis performed at SGS Accutest, Lafayette, LA.

ND = Not detected      MDL = Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

Report of Analysis

|                          |                                                        |                        |          |
|--------------------------|--------------------------------------------------------|------------------------|----------|
| <b>Client Sample ID:</b> | 4@ (18")                                               | <b>Date Sampled:</b>   | 10/11/16 |
| <b>Lab Sample ID:</b>    | TC93255-1                                              | <b>Date Received:</b>  | 10/13/16 |
| <b>Matrix:</b>           | SO - Soil                                              | <b>Percent Solids:</b> | 88.4     |
| <b>Project:</b>          | BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407 |                        |          |

General Chemistry

| Analyte         | Result | RL  | Units | DF | Analyzed       | By | Method    |
|-----------------|--------|-----|-------|----|----------------|----|-----------|
| Chloride        | 198    | 5.6 | mg/kg | 2  | 10/14/16 14:40 | SM | EPA 300   |
| Solids, Percent | 88.4   |     | %     | 1  | 10/14/16       | DS | SM 2540 G |

RL = Reporting Limit

## Misc. Forms

### Custody Documents and Other Forms

---

Includes the following where applicable:

- Chain of Custody

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Sampler Name: Kaleb Yunc Laboratory Name: SGS-ACUtest

| Lab. No. _____                                                   |      |      |                   |            |              |           |                                   |          |          |                                                       |       |                               | Page _____ of _____                |                |                                   |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        |                 |  |  |                                                                                                                                                 |
|------------------------------------------------------------------|------|------|-------------------|------------|--------------|-----------|-----------------------------------|----------|----------|-------------------------------------------------------|-------|-------------------------------|------------------------------------|----------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------|--|----------------------------------------------------------------------------------------|-----------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Collection                                                       |      |      |                   |            |              |           |                                   |          |          |                                                       |       |                               | Matrix                             |                | Preservation                      |                                                                                                                                                                                         | Requested Analyses (Circle) |                                                                                                                                                                |  |  | Lab. No. |  | <u><b>ONLY RUN PAH on the sample with the HIGHEST TPH concentration per MATRIX</b></u> |                 |  |  |                                                                                                                                                 |
| Sample I.D.                                                      | Date | Time | No. of Containers | Soil/Solid | Water/Liquid | Air/Vapor | Unpreserved (Ice Only)            | DI Water | Methanol | HCL                                                   | Other | BTX/A4+BE-<br>EPA 8021 (8260) | Full Range TPH<br>EPA 8015 TX 1005 | PAH - EPA 8270 | IF TPH in DRO as ORO<br>chlorides |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        | Comments:       |  |  |                                                                                                                                                 |
| 401811<br>Trip Blank                                             |      |      | 1                 | X          | X            | X         |                                   |          |          |                                                       |       | X                             | X                                  |                | X                                 |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        | 16-07-101-19007 |  |  |                                                                                                                                                 |
| Logged by: _____                                                 |      |      |                   |            |              |           |                                   |          |          |                                                       |       |                               | GC                                 |                |                                   |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        |                 |  |  |                                                                                                                                                 |
| Verified by: _____                                               |      |      |                   |            |              |           |                                   |          |          |                                                       |       |                               | DGA                                |                |                                   |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        |                 |  |  |                                                                                                                                                 |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> |      |      |                   |            |              |           |                                   |          |          |                                                       |       |                               |                                    |                |                                   |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        |                 |  |  | <input type="checkbox"/> Bill To: Broadbent<br><input checked="" type="checkbox"/> Bill To: Pilot Flying J<br><input type="checkbox"/> Bill To: |
| Relinquished by Sampler: _____                                   |      |      | Date: 12/11/16    |            | Time: 2:45   |           | Received by: _____                |          |          | Y <input type="checkbox"/> N <input type="checkbox"/> |       | Date: _____                   |                                    | Time: _____    |                                   | <b>Turnaround Time</b><br><input checked="" type="checkbox"/> 24 hours<br><input type="checkbox"/> Standard                                                                             |                             | <b>Submit/Fax Results to:</b><br><input type="checkbox"/> Broadbent & Associates, Inc.<br>113 Falls Court, STE 700<br>Boerne, TX 78006<br>Phone (830) 816-5434 |  |  |          |  |                                                                                        |                 |  |  |                                                                                                                                                 |
| Relinquished by: _____                                           |      |      | Date: _____       |            | Time: _____  |           | Received by: _____                |          |          | Y <input type="checkbox"/> N <input type="checkbox"/> |       | Date: _____                   |                                    | Time: _____    |                                   | <b>Use Detection Limits</b><br><input checked="" type="checkbox"/> New Mexico<br><input type="checkbox"/> Oklahoma<br><input type="checkbox"/> Texas<br><input type="checkbox"/> Other: |                             | <input type="checkbox"/> Fax (830) 516-5436<br><input checked="" type="checkbox"/> Email: <u>chausstad@broadbentinc.com</u><br><input type="checkbox"/> Other: |  |  |          |  |                                                                                        |                 |  |  |                                                                                                                                                 |
| Relinquished by: _____                                           |      |      | Date: _____       |            | Time: _____  |           | Received for Laboratory by: _____ |          |          | Y <input type="checkbox"/> N <input type="checkbox"/> |       | Date: _____                   |                                    | Time: _____    |                                   |                                                                                                                                                                                         |                             |                                                                                                                                                                |  |  |          |  |                                                                                        |                 |  |  |                                                                                                                                                 |

White Copy - Laboratory. Yellow Copy - Consultant.

Page 1 of 4

Delivered by (circle one): ☒ FedEx/UPS ☐ ALGCDriver Client

Date: 10/13/16

Client: BROADBENT

Cooler Number: 1

Thermometer ID: 285 CF °C 0.1 Corrected Temp °C 2.4

SAMPLES CONTAINED IN COOLER...  
① No Tris Blank ② / Sy collected 1/13/16 Date

③ Sample received in  
TB (pck)

ORIGIN ID: SGRA (830) 816-5434  
BROADBENT ASSOCIATES  
113 FALLS COURT, SUITE # 700  
BOERNE, TX 78008  
UNITED STATES US

SHIP DATE: 31MAY16

ACTWT: 35.0 LB HAN

CRD: 0243256/CAFE2916

BILL SENDER

TO SAMPLE MANAGEMENT  
SGS ACCUTEST  
10165 HARWIN DRIVE  
SUITE 150  
HOUSTON TX 77036

(718) 271-4700

REF: 45364 / COOLERS

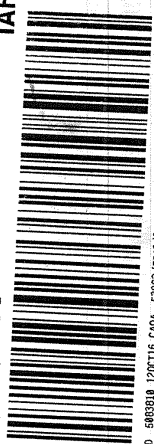


FedEx  
TRK# 6746 8793 5510

THU - 13 OCT 10:30A  
PRIORITY OVERNIGHT

AB SGRA

77036  
TX-US  
IAH



FTD 5083810 120216 CADA 530C3/FM2/BEBA

POINT: SHUZZI-001-100-001/14

SGS Accutest Sample Receipt Summary

Page 1 of 2

Job Number: TC93255

Client: BROADBENT & ASSOCIATES

Project: PILOT TRANSPORTING CARLSBAD

Date / Time Received:

Delivery Method:

Airbill #s: 674687935510

No. Coolers: 1

Therm ID: IR-5;

Temp Adjustment Factor: 0;

Cooler Temps (Initial/Adjusted): #1: (2.4/2.4);

Cooler Security

Y or N

Y or N

1. Custody Seals Present:

☒

☐

3. COC Present:

☒

☐

2. Custody Seals Intact:

☒

☐

4. Smpl Dates/Time OK

☒

☐

Cooler Temperature

Y or N

1. Temp criteria achieved:

☒

☐

2. Cooler temp verification:

3. Cooler media:

Ice (Bag)

Quality Control Preservation

Y or N

N/A

WTB

STB

1. Trip Blank present / cooler:

☐

☐

☒

☐

☐

2. Trip Blank listed on COC:

☐

☐

☒

3. Samples preserved properly:

☒

☐

4. VOCs headspace free:

☐

☐

☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles:

☒

☐

2. Container labeling complete:

☒

☐

3. Sample container label / COC agree:

☒

☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT:

☒

☐

2. All containers accounted for:

☒

☐

3. Condition of sample:

Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear:

☒

☐

2. Bottles received for unspecified tests

☐

☒

3. Sufficient volume recvd for analysis:

☒

☐

4. Compositing instructions clear:

☐

☐

☒

5. Filtering instructions clear:

☐

☐

☒

Comments

# Sample Receipt Log

Page 2 of 2

Job #: TC93255 Date / Time Received: 10/13/2016 9:25:00 AM Initials: EC  
 Client: BROADBENT & ASSOCIATES

| Cooler # | Sample ID: | Vol  | Bot # | Location | Pres   | pH                                                                 | Therm ID | Initial Temp | Therm CF | Corrected Temp |
|----------|------------|------|-------|----------|--------|--------------------------------------------------------------------|----------|--------------|----------|----------------|
| 1        | TC93255-1  | 2oz  | 1     | SUB      | N/P    | Note #2 - Preservative check not applicable.                       | IR-5     | 2.4          | 0        | 2.4            |
| 1        | TC93255-1  | 40ml | 2     | 2-72     | N/P    | Note #2 - Preservative check not applicable.                       | IR-5     | 2.4          | 0        | 2.4            |
| 1        | TC93255-1  | 40ml | 3     | 2-72     | N/P    | Note #2 - Preservative check not applicable.                       | IR-5     | 2.4          | 0        | 2.4            |
| 1        | TC93255-1  | 40ml | 4     | VR       | MeOH   | Note #1 - Preservative to be checked by analyst at the instrument. | IR-5     | 2.4          | 0        | 2.4            |
| 1        | TC93255-1  | 40ml | 5     | VR       | DI H2O | Note #2 - Preservative check not applicable.                       | IR-5     | 2.4          | 0        | 2.4            |
| 1        | TC93255-1  | 40ml | 6     | VR       | DI H2O | Note #2 - Preservative check not applicable.                       | IR-5     | 2.4          | 0        | 2.4            |

4.1  
4

TC93255: Chain of Custody  
 Page 4 of 4

## GC/MS Volatiles

5

## QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

## Method Blank Summary

Page 1 of 1

**Job Number:** TC93255

**Account:** PILOTSS Pilot Travel Centers LLC

**Project:** BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VR1396-MB | R0338414.D | 1  | 10/17/16 | FI | n/a       | n/a        | VR1396           |

The QC reported here applies to the following samples:

Method: SW846 8260C

TC93255-1

| CAS No.   | Compound       | Result | RL  | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 71-43-2   | Benzene        | ND     | 4.0 | 1.2 | ug/kg |   |
| 100-41-4  | Ethylbenzene   | ND     | 4.0 | 1.3 | ug/kg |   |
| 108-88-3  | Toluene        | ND     | 4.0 | 1.8 | ug/kg |   |
| 1330-20-7 | Xylene (total) | ND     | 12  | 3.8 | ug/kg |   |

| CAS No.    | Surrogate Recoveries  | Limits       |
|------------|-----------------------|--------------|
| 1868-53-7  | Dibromofluoromethane  | 101% 59-126% |
| 2037-26-5  | Toluene-D8            | 97% 70-139%  |
| 460-00-4   | 4-Bromofluorobenzene  | 101% 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% 54-123% |

Blank Spike Summary

Job Number: TC93255  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VR1396-BS | R0338412.D | 1  | 10/17/16 | FI | n/a       | n/a        | VR1396           |

The QC reported here applies to the following samples:

Method: SW846 8260C

TC93255-1

| CAS No.   | Compound       | Spike<br>ug/kg | BSP<br>ug/kg | BSP<br>% | Limits |
|-----------|----------------|----------------|--------------|----------|--------|
| 71-43-2   | Benzene        | 50             | 51.4         | 103      | 58-124 |
| 100-41-4  | Ethylbenzene   | 50             | 50.4         | 101      | 57-124 |
| 108-88-3  | Toluene        | 50             | 49.4         | 99       | 67-119 |
| 1330-20-7 | Xylene (total) | 150            | 143          | 95       | 62-120 |

| CAS No.    | Surrogate Recoveries  | BSP  | Limits  |
|------------|-----------------------|------|---------|
| 1868-53-7  | Dibromofluoromethane  | 102% | 59-126% |
| 2037-26-5  | Toluene-D8            | 100% | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 98%  | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | 54-123% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC93255  
Account: PILOTSS Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample                 | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------------------|------------|----|----------|----|-----------|------------|------------------|
| TC93295-1MS            | R0338417.D | 1  | 10/17/16 | FI | n/a       | n/a        | VR1396           |
| TC93295-1MSD           | R0338418.D | 1  | 10/17/16 | FI | n/a       | n/a        | VR1396           |
| TC93295-1 <sup>a</sup> | R0338416.D | 1  | 10/17/16 | FI | n/a       | n/a        | VR1396           |

The QC reported here applies to the following samples: Method: SW846 8260C

TC93255-1

| CAS No.   | Compound       | TC93295-1<br>ug/kg | Spike<br>Q ug/kg | MS<br>ug/kg | MS<br>% | Spike<br>ug/kg | MSD<br>ug/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|-----------|----------------|--------------------|------------------|-------------|---------|----------------|--------------|----------|-----|-------------------|
| 71-43-2   | Benzene        | ND                 | 5110             | 5200        | 102     | 5110           | 5140         | 101      | 1   | 58-124/26         |
| 100-41-4  | Ethylbenzene   | ND                 | 5110             | 4980        | 97      | 5110           | 4900         | 96       | 2   | 57-124/29         |
| 108-88-3  | Toluene        | ND                 | 5110             | 4910        | 96      | 5110           | 4820         | 94       | 2   | 67-119/28         |
| 1330-20-7 | Xylene (total) | ND                 | 15300            | 14100       | 92      | 15300          | 13800        | 90       | 2   | 62-120/27         |

| CAS No.    | Surrogate Recoveries  | MS   | MSD  | TC93295-1 | Limits  |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7  | Dibromofluoromethane  | 102% | 102% | 97%       | 59-126% |
| 2037-26-5  | Toluene-D8            | 97%  | 98%  | 97%       | 70-139% |
| 460-00-4   | 4-Bromofluorobenzene  | 103% | 101% | 99%       | 63-138% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 101% | 101% | 99%       | 54-123% |

(a) Dilution required due to matrix interference. Sample collected in bulk. All results are considered estimated values.

\* = Outside of Control Limits.

## General Chemistry

### QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: TC93255  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Analyte  | Batch ID        | RL  | MB<br>Result | Units | Spike<br>Amount | BSP<br>Result | BSP<br>%Recov | QC<br>Limits |
|----------|-----------------|-----|--------------|-------|-----------------|---------------|---------------|--------------|
| Chloride | GP38698/GN76688 | 2.5 | 0.0          | mg/kg | 50              | 51.7          | 103.4         | 90-110%      |

Associated Samples:  
Batch GP38698: TC93255-1  
(\*) Outside of QC limits

6.1

6

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: TC93255  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Analyte         | Batch ID        | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|-----------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Chloride        | GP38698/GN76688 | TC93330-2 | mg/kg | 347             | 373        | 7.2 | 0-20%     |
| Solids, Percent | GN76673         | TC93255-1 | %     | 88.4            | 88.7       | 0.3 | 0-5%      |

Associated Samples:  
Batch GN76673: TC93255-1  
Batch GP38698: TC93255-1  
(\*) Outside of QC limits

6.2

6

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: TC93255  
Account: PILOTSS - Pilot Travel Centers LLC  
Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Analyte  | Batch ID        | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec      | QC Limits |
|----------|-----------------|-----------|-------|-----------------|--------------|-----------|-----------|-----------|
| Chloride | GP38698/GN76688 | TC93330-2 | mg/kg | 347             | 63.4         | 283       | -100.9(a) | 80-120%   |

Associated Samples:  
Batch GP38698: TC93255-1  
(\*) Outside of QC limits  
(N) Matrix Spike Rec. outside of QC limits  
(a) Outside control limits due to matrix interference and/or sample nonhomogeneity.

6.3

6



Misc. Forms

Custody Documents and Other Forms

(SGS Accutest Lafayette)

Includes the following where applicable:

- Chain of Custody

10165 Harwin Drive, Houston, TX 77036  
TEL: 713-271-4700 FAX: 713-271-4770  
[www.sgs.com](http://www.sgs.com)

[illegible]

## TC93255: Chain of Custody

Page 1 of 4

SGS Accutest Lafayette

Date / Time: 10/14/2016 11:22:19 AM

CSR: TRAMESHB

Job #: TC93255

Client Project: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-

Deliverable: COMMB

TAT: Due 10/17/2016

Sub Lab: Accutest Gulf Coast Louisiana

Address: 500 Ambassador Caffery Prkway

City: Scott

State: LA

Zip: 70583

Contact: Sample Receiving

Phone: 800-304-5227

| SGS Accutest<br>Sample # | Client<br>Sample Description | Analysis | Location    | Sampled<br>By | Date<br>Sampled | Time<br>Sampled | Aliquot |
|--------------------------|------------------------------|----------|-------------|---------------|-----------------|-----------------|---------|
| TC93255-1                | 4@ (18")                     |          | 2-72 SUB VR |               | 10/11/2016      | 12:00:00 AM     |         |

Comments:

Sample Management Receipt:

Date:

① 22 (no) caber (741)  
RS-226

② 40ml Methanol  
caber RS-218

TC93255: Chain of Custody

Page 2 of 4

26 of 37  
**ACCUTEST**  
TC93255

## SGS Accutest Sample Receipt Summary

**Job Number:** TC93255

**Client:** SGS ACCUTEST

**Project:** BAI: PILOT TRANSPORTATION, CARLSBAD, NM

**Date / Time Received:** 10/14/2016 10:00:00 AM

**Delivery Method:** Accutest Courier

**Airbill #'s:**

**Cooler Temps (Initial/Adjusted):** #1: (1.6/1.6);

### Cooler Security

|                           | Y                                   | or | N                        |                       | Y                                   | or | N                        |
|---------------------------|-------------------------------------|----|--------------------------|-----------------------|-------------------------------------|----|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |

### Cooler Temperature

|                            | Y                                   | or | N                        |
|----------------------------|-------------------------------------|----|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Thermometer ID:         | DV260;                              |    |                          |
| 3. Cooler media:           | Ice (direct contact)                |    |                          |
| 4. No. Coolers:            | 1                                   |    |                          |

### Quality Control Preservation

|                                 | Y                                   | or | N                        | N/A                                 |
|---------------------------------|-------------------------------------|----|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |                                     |
| 4. VOCs headspace free:         | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

### Sample Integrity - Documentation

|                                        | Y                                   | or | N                        |
|----------------------------------------|-------------------------------------|----|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |

### Sample Integrity - Condition

|                                  | Y                                   | or | N                        |
|----------------------------------|-------------------------------------|----|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 3. Condition of sample:          | Intact                              |    |                          |

### Sample Integrity - Instructions

|                                           | Y                                   | or | N                                   | N/A                                 |
|-------------------------------------------|-------------------------------------|----|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> |    | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            |    | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            |    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            |    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Comments

TC93255: Chain of Custody

Page 4 of 4

## GC Volatiles

## QC Data Summaries

(SGS Accutest Lafayette)

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| GLA896-MB2 | LA253482.D | 1  | 10/14/16 | MB | n/a       | n/a        | GLA896           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound         | Result | RL  | MDL | Units | Q |
|---------|------------------|--------|-----|-----|-------|---|
|         | TPH-GRO (C6-C10) | ND     | 5.0 | 4.9 | mg/kg |   |

| CAS No.  | Surrogate Recoveries | Limits       |
|----------|----------------------|--------------|
| 460-00-4 | 4-Bromofluorobenzene | 95% 63-139%  |
| 540-36-3 | 1,4-Difluorobenzene  | 101% 52-140% |

8.1.1  
8

Blank Spike Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| GLA896-BS2 | LA253480.D | 1  | 10/14/16 | MB | n/a       | n/a        | GLA896           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound         | Spike<br>mg/kg | BSP<br>mg/kg | BSP<br>% | Limits |
|---------|------------------|----------------|--------------|----------|--------|
|         | TPH-GRO (C6-C10) | 50             | 52.1         | 104      | 79-121 |

| CAS No.  | Surrogate Recoveries | BSP  | Limits  |
|----------|----------------------|------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 100% | 63-139% |
| 540-36-3 | 1,4-Difluorobenzene  | 104% | 52-140% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample       | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|------------|----|----------|----|-----------|------------|------------------|
| TC93255-1MS  | LA253512.D | 1  | 10/14/16 | MB | n/a       | n/a        | GLA896           |
| TC93255-1MSD | LA253514.D | 1  | 10/14/16 | MB | n/a       | n/a        | GLA896           |
| TC93255-1    | LA253500.D | 1  | 10/14/16 | MB | n/a       | n/a        | GLA896           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound         | TC93255-1<br>mg/kg | Q | Spike<br>mg/kg | MS<br>mg/kg | MS<br>% | Spike<br>mg/kg | MSD<br>mg/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|---------|------------------|--------------------|---|----------------|-------------|---------|----------------|--------------|----------|-----|-------------------|
|         | TPH-GRO (C6-C10) | ND                 |   | 120            | 114         | 95      | 120            | 113          | 94       | 1   | 79-121/6          |

| CAS No.  | Surrogate Recoveries | MS   | MSD  | TC93255-1 | Limits  |
|----------|----------------------|------|------|-----------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 102% | 105% | 100%      | 63-139% |
| 540-36-3 | 1,4-Difluorobenzene  | 103% | 107% | 103%      | 52-140% |

\* = Outside of Control Limits.



## GC Semi-volatiles

### QC Data Summaries

(SGS Accutest Lafayette)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample    | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| OP6546-MB | S0024449.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound          | Result | RL  | MDL  | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
|         | TPH-DRO (C10-C28) | ND     | 5.0 | 1.2  | mg/kg |   |
|         | TPH-ORO (C28-C35) | ND     | 5.0 | 0.45 | mg/kg |   |

| CAS No. | Surrogate Recoveries | Limits      |
|---------|----------------------|-------------|
| 84-15-1 | o-Terphenyl          | 88% 31-130% |

9.1.1  
9

Blank Spike Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| OP6546-BS1 | S0024450.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound          | Spike<br>mg/kg | BSP<br>mg/kg | BSP<br>% | Limits |
|---------|-------------------|----------------|--------------|----------|--------|
|         | TPH-DRO (C10-C28) | 150            | 143          | 95       | 60-115 |

| CAS No. | Surrogate Recoveries | BSP | Limits  |
|---------|----------------------|-----|---------|
| 84-15-1 | o-Terphenyl          | 99% | 31-130% |

\* = Outside of Control Limits.

Blank Spike Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample     | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|------------|----|----------|----|-----------|------------|------------------|
| OP6546-BS2 | S0024451.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound          | Spike<br>mg/kg | BSP<br>mg/kg | BSP<br>% | Limits |
|---------|-------------------|----------------|--------------|----------|--------|
|         | TPH-ORO (C28-C35) | 58.8           | 49.5         | 84       | 25-120 |

| CAS No. | Surrogate Recoveries | BSP  | Limits  |
|---------|----------------------|------|---------|
| 84-15-1 | o-Terphenyl          | 107% | 31-130% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample      | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP6546-MS1  | S0024452.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |
| OP6546-MSD1 | S0024453.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |
| TC93150-3   | S0024462.D | 1  | 10/17/16 | JT | 10/14/16  | OP6546     | GLG398           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound          | TC93150-3<br>mg/kg | Q | Spike<br>mg/kg | MS<br>mg/kg | MS<br>% | Spike<br>mg/kg | MSD<br>mg/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|---------|-------------------|--------------------|---|----------------|-------------|---------|----------------|--------------|----------|-----|-------------------|
|         | TPH-DRO (C10-C28) | 1.36               | J | 155            | 136         | 87      | 154            | 144          | 93       | 6   | 60-115/46         |

| CAS No. | Surrogate Recoveries | MS  | MSD  | TC93150-3 | Limits  |
|---------|----------------------|-----|------|-----------|---------|
| 84-15-1 | o-Terphenyl          | 94% | 101% | 80%       | 31-130% |

\* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: TC93255  
Account: ALGC SGS Accutest Gulf Coast  
Project: PILOTSS: BAI: Pilot Transportation, Carlsbad, NM/16-07-101-1407

| Sample      | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| OP6546-MS2  | S0024454.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |
| OP6546-MSD2 | S0024455.D | 1  | 10/16/16 | JT | 10/14/16  | OP6546     | GLG398           |
| TC93150-3   | S0024462.D | 1  | 10/17/16 | JT | 10/14/16  | OP6546     | GLG398           |

The QC reported here applies to the following samples: Method: SW846 8015C

TC93255-1

| CAS No. | Compound          | TC93150-3<br>mg/kg | Spike<br>mg/kg | MS<br>mg/kg | MS<br>% | Spike<br>mg/kg | MSD<br>mg/kg | MSD<br>% | RPD | Limits<br>Rec/RPD |
|---------|-------------------|--------------------|----------------|-------------|---------|----------------|--------------|----------|-----|-------------------|
|         | TPH-ORO (C28-C35) | ND                 | 61             | 52.8        | 87      | 62.5           | 51.2         | 82       | 3   | 25-120/34         |

| CAS No. | Surrogate Recoveries | MS   | MSD  | TC93150-3 | Limits  |
|---------|----------------------|------|------|-----------|---------|
| 84-15-1 | o-Terphenyl          | 108% | 103% | 80%       | 31-130% |

\* = Outside of Control Limits.

## Waste Disposal Documentation

INV# 47981

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**NON-HAZARDOUS WASTE MANIFEST**NO **115742**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. #1688

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               |                                                                                                                       |                                |      |  |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------|------|--|
| <b>G<br/>E<br/>N<br/>E<br/>R<br/>A<br/>T<br/>O<br/>R</b>                   | 3. COMPANY NAME<br>Providence & Sons<br>PHONE NO. (505) 246-8134                                                                                                                                                                                                                                                                                                                                                                                                       |  | 4. ADDRESS<br>125 W. Main St. Suite 2<br>CITY STATE ZIP<br>Tulsa OK 74103     |                                                                                                                       | 5. PICK-UP DATE<br>NOV 10 2016 |      |  |
|                                                                            | 7. NAME OR DESCRIPTION OF WASTE SHIPPED:<br>a. Non-Regulated Non-Hazardous Waste<br>b.<br>c.<br>d. 23,500 22400 9180                                                                                                                                                                                                                                                                                                                                                   |  | 8. CONTAINERS<br>No. Type                                                     |                                                                                                                       | 9. TOTAL QUANTITY              |      |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               |                                                                                                                       | 10. UNIT Wt/Vol.               |      |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               |                                                                                                                       | 11. TEXAS WASTE ID #           |      |  |
| <b>A<br/>T<br/>O<br/>R</b>                                                 | 12. COMMENTS OR SPECIAL INSTRUCTIONS:<br>Q-7 BENELL #1                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                               |                                                                                                                       | 13. WASTE PROFILE NO.          |      |  |
|                                                                            | 14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                               |                                                                                                                       |                                |      |  |
| <b>T<br/>R<br/>A<br/>N<br/>S<br/>P<br/>O<br/>R<br/>T<br/>E<br/>R<br/>S</b> | NAME<br>Kenneth Slaughter                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | PHONE NO.<br>575-887-1040                                                     |                                                                                                                       | 24-HOUR EMERGENCY NO.          |      |  |
|                                                                            | 15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC |  |                                                                               |                                                                                                                       |                                |      |  |
|                                                                            | PRINTED/TYPED NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                               | SIGNATURE                                                                                                             |                                | DATE |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               |                                                                                                                       |                                |      |  |
| <b>T<br/>R<br/>A<br/>N<br/>S<br/>P<br/>O<br/>R<br/>T<br/>E<br/>R<br/>S</b> | 16. <b>TRANSPORTER (1)</b><br>NAME: <u>LEA LAND DISPOSAL</u><br>TEXAS I.D. NO.<br>IN CASE OF EMERGENCY CONTACT:<br>EMERGENCY PHONE: (702) 253-5010                                                                                                                                                                                                                                                                                                                     |  |                                                                               | 17. <b>TRANSPORTER (2)</b><br>NAME:<br>TEXAS I.D. NO.<br>IN CASE OF EMERGENCY CONTACT:<br>EMERGENCY PHONE:            |                                |      |  |
|                                                                            | 18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material<br>PRINTED/TYPED NAME <u>Joe M. M... 10/31/2016</u><br>SIGNATURE <u>[Signature]</u> DATE                                                                                                                                                                                                                                                                                                             |  |                                                                               | 19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material<br>PRINTED/TYPED NAME _____<br>SIGNATURE _____ DATE |                                |      |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               |                                                                                                                       |                                |      |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               |                                                                                                                       |                                |      |  |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>O<br/>R<br/>S</b>       | Lea Land, LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ADDRESS:<br>Mile Marker 64, U.S. Hwy 62/180,<br>30 Miles East of Carlsbad, NM |                                                                                                                       | PHONE:<br>575-887-4048         |      |  |
|                                                                            | PERMIT NO.<br>WM-01-035 - New Mexico                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 20. COMMENTS                                                                  |                                                                                                                       |                                |      |  |
|                                                                            | 21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.                                                                                                                                                                                                                                                                  |  |                                                                               |                                                                                                                       |                                |      |  |
|                                                                            | AUTHORIZED SIGNATURE<br><u>[Signature]</u>                                                                                                                                                                                                                                                                                                                                                                                                                             |  | CELL NO.                                                                      |                                                                                                                       | DATE <u>10/31/2016</u>         |      |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                               | TIME                                                                                                                  |                                |      |  |

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

COPY 4

INV.#468301

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

MSI

**NON-HAZARDOUS WASTE MANIFEST**NO **115936**1. PAGE    OF   2. TRAILER NO. **#1692**

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                       |                                                                   |                                      |                      |                         |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------|----------------------|-------------------------|
| <b>G<br/>E<br/>N<br/>E<br/>R<br/>A<br/>T<br/>O<br/>R</b>                   | 3. COMPANY NAME<br><b>LEA LAND, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 4. ADDRESS<br><b>1300 West Main Street<br/>Oklahoma City, OK 73106</b>                |                                                                   | 5. PICK-UP DATE<br><b>10/21/2016</b> |                      |                         |
|                                                                            | PHONE NO.<br><b>(575) 300 1001</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | CITY<br><b>Carlsbad</b>                                                               | STATE<br><b>NM</b>                                                | ZIP<br><b>88502</b>                  | 6. TNRCC I.D. NO.    |                         |
|                                                                            | 7. NAME OR DESCRIPTION OF WASTE SHIPPED:                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                       | 8. CONTAINERS<br>No. Type                                         | 9. TOTAL<br>QUANTITY                 | 10. UNIT<br>Wt/Vol   | 11. TEXAS<br>WASTE ID # |
|                                                                            | a. Non-Regulated, Non-Hazardous Waste                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                       | 1                                                                 | 200                                  |                      |                         |
| <b>T<br/>R<br/>A<br/>N<br/>S<br/>P<br/>O<br/>R<br/>T<br/>E<br/>R<br/>S</b> | b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                       |                                                                   |                                      |                      |                         |
|                                                                            | c.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                       |                                                                   |                                      |                      |                         |
|                                                                            | d. <b>17120</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                       |                                                                   |                                      |                      |                         |
|                                                                            | 12. COMMENTS OR SPECIAL INSTRUCTIONS:<br><b>FIELD #1</b>                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                       | 13. WASTE PROFILE NO.<br><b>70554</b>                             |                                      |                      |                         |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>A<br/>R<br/>Y</b>       | 14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                       |                                                                   |                                      |                      |                         |
|                                                                            | NAME<br><b>MIKE SLAUGHTER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | PHONE NO.<br><b>575 337 4012</b>                                                      |                                                                   | 24-HOUR EMERGENCY NO.                |                      |                         |
|                                                                            | 15. <b>GENERATOR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC |  |                                                                                       |                                                                   |                                      |                      |                         |
|                                                                            | PRINTED/TYPED NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                       | SIGNATURE                                                         |                                      |                      | DATE                    |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>A<br/>R<br/>Y</b>       | 16. <b>TRANSPORTER (1)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                       | 17. <b>TRANSPORTER (2)</b>                                        |                                      |                      |                         |
|                                                                            | NAME:<br><b>MADRON SERVICES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                       | NAME:                                                             |                                      |                      |                         |
|                                                                            | TEXAS I.D. NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                       | TEXAS I.D. NO.                                                    |                                      |                      |                         |
|                                                                            | IN CASE OF EMERGENCY CONTACT:<br><b>DAVID LOREZ (575) 897-5930</b>                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                       | IN CASE OF EMERGENCY CONTACT:                                     |                                      |                      |                         |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>A<br/>R<br/>Y</b>       | EMERGENCY PHONE:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                       | EMERGENCY PHONE:                                                  |                                      |                      |                         |
|                                                                            | 18. <b>TRANSPORTER (1): Acknowledgment of receipt of material</b>                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                       | 19. <b>TRANSPORTER (2): Acknowledgment of receipt of material</b> |                                      |                      |                         |
|                                                                            | PRINTED/TYPED NAME<br><b>Jose Luis Torres</b>                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                       | PRINTED/TYPED NAME                                                |                                      |                      |                         |
|                                                                            | SIGNATURE<br><i>[Signature]</i> DATE<br><b>10/21/2016</b>                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                       | SIGNATURE<br><i>[Signature]</i> DATE                              |                                      |                      |                         |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>A<br/>R<br/>Y</b>       | Lea Land, LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ADDRESS:<br><b>Mile Marker 64, U.S. Hwy 62/180,<br/>30 Miles East of Carlsbad, NM</b> |                                                                   | PHONE:<br><b>575-887-4048</b>        |                      |                         |
|                                                                            | PERMIT NO.<br><b>WM-01-035 - New Mexico</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 20. COMMENTS                                                                          |                                                                   |                                      |                      |                         |
|                                                                            | 21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.                                                                                                                                                                                                                                                                  |  |                                                                                       |                                                                   |                                      |                      |                         |
|                                                                            | AUTHORIZED SIGNATURE<br><i>[Signature]</i>                                                                                                                                                                                                                                                                                                                                                                                                                             |  | CELL NO.                                                                              |                                                                   | DATE<br><b>10/21/2016</b>            | TIME<br><b>10:10</b> |                         |

INV# 425289

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**NON-HAZARDOUS WASTE MANIFEST**No. **115846**1. PAGE    OF   2. TRAILER NO.   

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                |  |                                        |  |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|--|----------------------------------------|--|
| <b>G<br/>E<br/>N<br/>E<br/>R<br/>A<br/>T<br/>O<br/>R</b>                   | 3. COMPANY NAME<br><b>LEA LAND</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 4. ADDRESS<br><b>1502 W Commerce Cir<br/>Carlsbad NM 88220</b> |  | 5. PICK-UP DATE<br><b>9/11/2010</b>    |  |
|                                                                            | PHONE NO.<br><b>(575) 290-1900</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |  | CITY<br><b>Carlsbad</b>                                        |  | STATE<br><b>NM</b>                     |  |
|                                                                            | ZIP<br><b>88220</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 6. TNRCC I.D. NO.                                              |  |                                        |  |
|                                                                            | 7. NAME OR DESCRIPTION OF WASTE SHIPPED:                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 8. CONTAINERS<br>No. Type                                      |  | 9. TOTAL QUANTITY                      |  |
| <b>N<br/>E<br/>E<br/>D<br/>E<br/>D</b>                                     | a. Non-Regulated, Non-Hazardous Waste                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 1                                                              |  | CM                                     |  |
|                                                                            | b.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                |  |                                        |  |
|                                                                            | c.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                |  |                                        |  |
|                                                                            | d. <b>WT 23,380 18780</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                |  |                                        |  |
| <b>A<br/>T<br/>T<br/>E<br/>S<br/>T<br/>E<br/>D</b>                         | 12. COMMENTS OR SPECIAL INSTRUCTIONS:<br><b>SMELL #1</b>                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                |  | 13. WASTE PROFILE NO.<br><b>709591</b> |  |
|                                                                            | 14. IN CASE OF EMERGENCY OR SPILL, CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                |  |                                        |  |
| <b>O<br/>F<br/>F<br/>I<br/>C<br/>I<br/>A<br/>L</b>                         | NAME<br><b>JOHN SLAUGHTER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | PHONE NO.<br><b>575-887-4048</b>                               |  | 24-HOUR EMERGENCY NO.                  |  |
|                                                                            | 15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC |  |                                                                |  |                                        |  |
| <b>R<br/>E<br/>C<br/>E<br/>I<br/>V<br/>E<br/>D</b>                         | PRINTED/TYPED NAME                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | SIGNATURE                                                      |  | DATE                                   |  |
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                |  |                                        |  |
| <b>T<br/>R<br/>A<br/>N<br/>S<br/>P<br/>O<br/>R<br/>T<br/>E<br/>R<br/>S</b> | 16. TRANSPORTER (1)                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 17. TRANSPORTER (2)                                            |  |                                        |  |
|                                                                            | NAME:<br><b>MADRON SERVICES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | NAME:                                                          |  |                                        |  |
|                                                                            | TEXAS I.D. NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | TEXAS I.D. NO.                                                 |  |                                        |  |
|                                                                            | IN CASE OF EMERGENCY CONTACT:<br><b>DAVID LAREZ</b>                                                                                                                                                                                                                                                                                                                                                                                                             |  | IN CASE OF EMERGENCY CONTACT:                                  |  |                                        |  |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>O<br/>R<br/>Y</b>       | EMERGENCY PHONE:<br><b>(575) 887-5830</b>                                                                                                                                                                                                                                                                                                                                                                                                                       |  | EMERGENCY PHONE:                                               |  |                                        |  |
|                                                                            | 18. TRANSPORTER (1): Acknowledgment of receipt of material                                                                                                                                                                                                                                                                                                                                                                                                      |  | 19. TRANSPORTER (2): Acknowledgment of receipt of material     |  |                                        |  |
|                                                                            | PRINTED/TYPED NAME<br><b>José Luis Parias</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |  | PRINTED/TYPED NAME                                             |  |                                        |  |
|                                                                            | SIGNATURE<br><b>[Signature]</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | SIGNATURE                                                      |  |                                        |  |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>O<br/>R<br/>Y</b>       | ADDRESS:<br><b>Lea Land, LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |  | PHONE:<br><b>575-887-4048</b>                                  |  |                                        |  |
|                                                                            | Mile Marker 64, U.S. Hwy 62/180,<br>30 Miles East of Carlsbad, NM                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                |  |                                        |  |
|                                                                            | PERMIT NO.<br><b>WM-01-035 - New Mexico</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 20. COMMENTS                                                   |  |                                        |  |
|                                                                            | 21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.                                                                                                                                                                                                                                                                  |  |                                                                |  |                                        |  |
| <b>D<br/>I<br/>S<br/>P<br/>O<br/>S<br/>I<br/>T<br/>O<br/>R<br/>Y</b>       | AUTHORIZED SIGNATURE<br><b>[Signature]</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |  | CELL NO.                                                       |  | DATE<br><b>9/11/2010</b>               |  |
|                                                                            | TIME<br><b>10:10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                |  |                                        |  |

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5