

S-1518
com sub

Renee Chavez

From: Adams, James A <James.A.Adams@p66.com>
Sent: Tuesday, August 4, 2015 8:16 AM
To: Renee Chavez
Cc: Elrod, Terry W; Smith, Glenn C; Elliot, Janee
Subject: Phillips 66 Junction Pump Station TVP Test Results
Attachments: Junction-2015-TVP Data.pdf

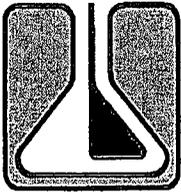
Good Morning Renee: Please find attached our TVP results for 2015. Should you have any questions, let us know.

Very respectfully,

Jim Adams
Environmental Coordinator
Phillips 66 Company

j.a.adams@p66.com

Office: (562) 290-1516 | Cell: (714) 329-8290 | Fax: (562) 290-1580
3900 Kilroy Airport Way, Ste. 210, Long Beach, CA 90806



ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

July 30, 2015

Glenn Smith
Phillips 66 Pipeline LLC - Coalinga
P. O. Box 1133
Coalinga, CA 93210

TEL: (559) 380-9523
FAX: (559) 935-8638

Project ID:
RE: 1507138

Dear Glenn Smith:

Zalco Laboratories, Inc. received 8 samples on 7/13/2015 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

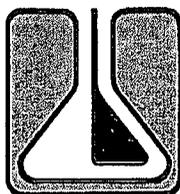
Sincerely,

A handwritten signature in cursive script, appearing to read 'Juan Magana', is written over a horizontal line.

Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
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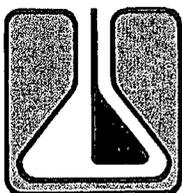
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|-------------------------------------|------------------------|----------------------------|
| Phillips 66 Pipeline LLC - Coalinga | Project: Master 2015 | Work Order No.: 1507138 |
| P. O. Box 1133 | Project #: | Reported: 07/30/2015 |
| Coalinga, CA 93210 | Attention: Glenn Smith | Received: 07/13/2015 13:30 |

| | |
|--|-------------------------------------|
| Lab Sample ID: 1507138-01 | Collected By: Justin Graves |
| Client Sample ID: Junction Statoin Tank 110026 S-1518-31-6 | Date Collected: 7/13/2015 8:15:00AM |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|--|---------|------|-----------|------|------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 16.6 | | | *API | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Total Vapor Pressure, Reactive Organic Compounds (ROCs) | | | | | | | | |
| Total Vapor Pressure, ROCs | 0.046 | 0.01 | psia | | LBNL | 7/21/15 | 7/21/15 | MO |
| Total Vapor Pressure, ROCs Test Conditions | | | | | | | | |
| Tank Temperature | 74.6 | | | *F | LBNL | 7/21/15 | 7/21/15 | MO |
| Test, Atmospheric Pressure | 14.68 | | psia | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test, Barometric Pressure | 29.87 | | in. of Hg | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test Temperature | 74.6 | | | *F | LBNL | 7/21/15 | 7/21/15 | MO |

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTL: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
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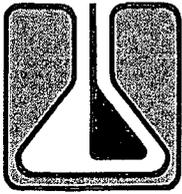
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| Phillips 66 Pipeline LLC - Coalinga | Project: Master 2015 | Work Order No.: 1507138 |
| P. O. Box 1133 | Project #: | Reported: 07/30/2015 |
| Coalinga, CA 93210 | Attention: Glenn Smith | Received: 07/13/2015 13:30 |

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|--|-------------------------------------|
| Lab Sample ID: 1507138-02 | Collected By: Justin Graves |
| Client Sample ID: Junction Stoin Tank 40010 S-1518-8-3 | Date Collected: 7/13/2015 8:40:00AM |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|-----------------------------------|---------|------|-------|------|---------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 49.9 | | °API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Reid Vapor Pressure, RVP | 8.4 | 0.05 | psi | | ASTM D 323 | 7/15/15 | 7/15/15 | JAH |
| True Vapor Pressure, TVP @ 78.2°F | 5.26 | 0.05 | psi | | % Calculation | 7/15/15 | 7/15/15 | JAH |

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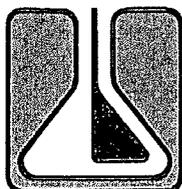
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| Phillips 66 Pipeline LLC - Coalinga P. O. Box 1133 Coalinga, CA 93210 | Project: Master 2015 Project #: Attention: Glenn Smith | Work Order No.: 1507138 Reported: 07/30/2015 Received: 07/13/2015 13:30 |
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|---|------------|--|
| Lab Sample ID: 1507138-03 Client Sample ID: Junction Statoin Tank 110020 | S-1518-7-3 | Collected By: Justin Graves Date Collected: 7/13/2015 8:55:00AM |
|---|------------|--|

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|--|---------|------|-----------|------|------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F. Hydrometer | 19.6 | | *API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Total Vapor Pressure, Reactive Organic Compounds (ROCs) | | | | | | | | |
| Total Vapor Pressure, ROCs | 0.094 | 0.01 | psia | | LBNL | 7/21/15 | 7/21/15 | MO |
| Total Vapor Pressure, ROCs Test Conditions | | | | | | | | |
| Tank Temperature | 83.4 | | *F | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test, Atmospheric Pressure | 14.68 | | psia | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test, Barometric Pressure | 29.87 | | in. of Hg | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test Temperature | 83.4 | | *F | | LBNL | 7/21/15 | 7/21/15 | MO |

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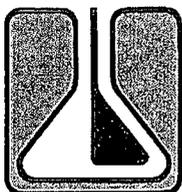
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| Phillips 66 Pipeline LLC - Coalinga | Project: Master 2015 | Work Order No.: 1507138 |
| P. O. Box 1133 | Project #: | Reported: 07/30/2015 |
| Coalinga, CA 93210 | Attention: Glenn Smith | Received: 07/13/2015 13:30 |

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|---|-------------------------------------|
| Lab Sample ID: 1507138-04 | Collected By: Justin Graves |
| Client Sample ID: Junction Statoin Tank 80018 | Date Collected: 7/13/2015 9:10:00AM |
| S-1518-1-4 | |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|-----------------------------------|---------|------|-------|------|---------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 41.8 | | *API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Reid Vapor Pressure, RVP | 5.85 | 0.05 | psi | | ASTM D 323 | 7/15/15 | 7/15/15 | JAH |
| True Vapor Pressure, TVP @ 82.4°F | 4.08 | 0.05 | psi | | % Calculation | 7/15/15 | 7/15/15 | JAH |

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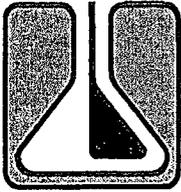
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| P. O. Box 1133 | Project #: | Reported: 07/30/2015 |
| Coalinga, CA 93210 | Attention: Glenn Smith | Received: 07/13/2015 13:30 |

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|--|-------------------------------------|
| Lab Sample ID: 1507138-05 | Collected By: Justin Graves |
| Client Sample ID: Junction Stoin Tank 110022 | Date Collected: 7/13/2015 9:25:00AM |
| S-1518-2-2 | |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|--|---------|------|-----------|------|------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 15.2 | | *API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Total Vapor Pressure, Reactive Organic Compounds (ROCs) | | | | | | | | |
| Total Vapor Pressure, ROCs | 0.209 | 0.01 | psia | | LBNL | 7/21/15 | 7/21/15 | MO |
| Total Vapor Pressure, ROCs Test Conditions | | | | | | | | |
| Tank Temperature | 124.2 | | *F | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test, Atmospheric Pressure | 14.68 | | psia | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test, Barometric Pressure | 29.87 | | in. of Hg | | LBNL | 7/21/15 | 7/21/15 | MO |
| Test Temperature | 124.2 | | *F | | LBNL | 7/21/15 | 7/21/15 | MO |

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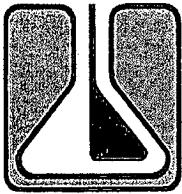
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| Coalinga, CA 93210 | Attention: Glenn Smith | Received: 07/13/2015 13:30 |

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|--|-------------------------------------|
| Lab Sample ID: 1507138-06 | Collected By: Justin Graves |
| Client Sample ID: Junction Statoin Tank 110024 S-1518-5-3 | Date Collected: 7/13/2015 9:40:00AM |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|--------------------------------------|---------|------|-------|------|---------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 32.2 | | *API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Reid Vapor Pressure, RVP | 6.34 | 0.05 | psi | | ASTM D 323 | 7/15/15 | 7/15/15 | JAH |
| True Vapor Pressure, TVP @ 88.2°F | 5 | 0.05 | psi | | % Calculation | 7/15/15 | 7/15/15 | JAH |

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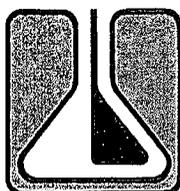
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| Phillips 66 Pipeline LLC - Coalinga | Project: Master 2015 | Work Order No.: 1507138 |
| P. O. Box 1133 | Project #: | Reported: 07/30/2015 |
| Coalinga, CA 93210 | Attention: Glenn Smith | Received: 07/13/2015 13:30 |

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|---|--------------------------------------|
| Lab Sample ID: 1507138-07 | Collected By: Justin Graves |
| Client Sample ID: Junction Station Sump S-1518-35 | Date Collected: 7/13/2015 10:05:00AM |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|-------------------------------|---------|------|-------|------|---------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 20.6 | | *API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Reid Vapor Pressure, RVP | 0.54 | 0.05 | psi | | ASTM D 323 | 7/15/15 | 7/29/15 | RAM |
| True Vapor Pressure, TVP | 0.42 | 0.05 | psi | | % Calculation | 7/15/15 | 7/29/15 | RAM |

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|---|--|---|
| Phillips 66 Pipeline LLC - Coalinga P. O. Box 1133 Coalinga, CA 93210 | Project: Master 2015 Project #: Attention: Glenn Smith | Work Order No.: 1507138 Reported: 07/30/2015 Received: 07/13/2015 13:30 |
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|--|--------------------------------------|
| Lab Sample ID: 1507138-08 | Collected By: Justin Graves |
| Client Sample ID: Junction Statoin Truck Rack 2 Sump S-1518-34 | Date Collected: 7/13/2015 10:30:00AM |

| Analyte | Results | PQL | Units | Flag | Method | Date Prepared | Date Analyzed | Init. |
|-------------------------------|---------|------|-------|------|---------------|---------------|---------------|-------|
| Petroleum Chemistry | | | | | | | | |
| API Gravity @ 60F, Hydrometer | 25.6 | | °API | | ASTM D 287 | 7/15/15 | 7/15/15 | JAH |
| Reid Vapor Pressure, RVP | 0.54 | 0.05 | psi | | ASTM D 323 | 7/15/15 | 7/29/15 | RAM |
| True Vapor Pressure, TVP | 0.4 | 0.05 | psi | | % Calculation | 7/15/15 | 7/29/15 | RAM |

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