Beacon
Energy Services, Inc.

February 10, 2015

Dan Searcy
Manager, Compliance Division
Ventura County APCD
669 County Square Drive, 2nd Floor
Ventura, CA 93003

Subject: Crimson Pipeline, L.P.
Harbor Station, Permit No. 00082
Annual Title V Report 2014

Mr. Searcy:

Please find enclosed the Annual Title V Report for the Crimson Pipeline, L.P. Harbor Station facility, VCAPCD Permit Number 00082.

If you have any questions, please do not hesitate to contact me at (562) 997-3087.

Respectfully,

Valerie Muller
Beacon Energy Services, Inc.

cc: Mr. Gerardo Rios, Chief, EPA Region 9
Crimson Pipeline, L.P.

Attachments: Annual Title V Report 1/1/2014 - 12/31/2014, Harbor Station Facility (00082)

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:	Date:
Title: President	2/11/15

Time Period Covered by Compliance Certification

01 / 01 / 2014 (MM/DD/YY) to 12 / 31 / 2014 (MM/DD/YY)

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachment No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	D. Frequency of monitoring: Annually
B. Description: External floating roof crude oil storage tank ≥ 40,000 gallons. Rules 71.2.B.4, 71.2.C.1, 71.2.D, 71.2.E	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Rule 71.2 Inspection
C. Method of monitoring: Primary and secondary seals were inspected on 5/28/2014.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 71.4N1, Rules 71.4.B.2, 71.4.C.2	D. Frequency of monitoring: Quarterly
B. Description: Sumps, pits, and ponds with covers. Fugitive emissions monitoring and integrity of cover.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: EPA Method 21
C. Method of monitoring: Quarterly fugitive emissions (Rule 74.10) inspections using EPA Method 21 were conducted and reported on 01/21/2014, 05/07/2014, 07/31/2014, and 10/09/2014. The integrity of the cover has been verified. No leaks greater than 10,000 ppm were discovered.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 74.9N3, Rule 74.9.B.1 and B.2	D. Frequency of monitoring: Quarterly
B. Description: Stationary natural gas-fired rich-burn internal combustion engine quarterly inspections and biennial source test.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: CARB Method 100
C. Method of monitoring: Quarterly inspections were conducted using CARB 100 emissions test protocol on Engine G-1 (Caterpillar) and Engine G-3 (Enterprise) on 2/11/2014 (G-3) and 2/25/2014 (CAT), 6/26/2014, 8/12/2014, and 12/19/2014. The biennial source test was conducted on 1/23/2013.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachments No. P00082PC1, Cond. No. 2, Rule 26	D. Frequency of monitoring Intermittent
B. Description Combustion equipment shall only burn natural gas.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring Combustion equipment only burns natural gas per Fuel Usage Log.	F. Currently in Compliance? (Y or N) Y G. Compliance Status? (C or I) I H. *Excursions, exceedances, or other non-compliance? (Y or N) N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. P00082PC1, Cond. No. 3, Rule 29	D. Frequency of monitoring Monthly
B. Description Solvent purchase and usage logs for solvent cleaning activities.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring All cleaning is conducted with low-VOC solvents. Logs are updated on a monthly basis.	F. Currently in Compliance? (Y or N) Y G. Compliance Status? (C or I) I H. *Excursions, exceedances, or other non-compliance? (Y or N) N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. P00082PC2, Rules 26 and 74.9	D. Frequency of monitoring Quarterly
B. Description BACT for Caterpillar engine - emissions limits (ROC, NOx, CO). Monitor air:fuel ratio controller readings quarterly.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 100
C. Method of monitoring The biennial source test using CARB Method 100 was conducted on January 23, 2013 for both engines G-1 and G-3. Air:fuel ratio controller readings are monitored and recorded hourly when engine is in use.	F. Currently in Compliance? (Y or N) Y G. Compliance Status? (C or I) I H. *Excursions, exceedances, or other non-compliance? (Y or N) N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachment No. 50, Rule 50	D. Frequency of monitoring: Intermittent
B. Description: Opacity observations at the facility.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: EPA Method 9
C. Method of monitoring: Opacity surveillance and visual inspections of emissions are conducted at the facility. Formal survey logs are attached.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 74.10, Rule 74.10	D. Frequency of monitoring: Quarterly
B. Description: Leaking component inspections at crude oil and natural gas production and processing facilities.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: EPA Method 21
C. Method of monitoring: Quarterly inspections of components were conducted and reported on 01/21/2014, 05/07/2014, 07/31/2014, and 10/09/2014. Daily inspections were conducted and logged.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. P00082C1, Condition No. 1, Rule 26	D. Frequency of monitoring: Monthly
B. Description: Monthly records of throughput and consumption.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Throughput and consumption records are maintained. Permit limit for Engine #3 (Enterprise) is 25 MMCF/year. There is no limit for Engine #1 (Caterpillar). Total throughput for both engines for the covered period is 11,943,500 CF.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachment No. 52, Rule 52	D. Frequency of monitoring N/A
B. Description Particulate matter concentration	E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring No periodic monitoring required. Reference District Analysis of Rule 52 compliance based on EPA emission factors.	F. Currently in Compliance? (Y or N) Y G. Compliance Status? (C or I) I H. *Excursions, exceedances, or other non-compliance? (Y or N) N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 54.B.1, Rule 54.B.1	D. Frequency of monitoring Intermittent
B. Description Sulfur emissions from Combustion operations at point of discharge; follow monitoring requirements under Rule 64.	E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring Facility follows monitoring requirements under Rule 64. Only PUC-grade natural gas is combusted at the facility. No additional periodic monitoring is required.	F. Currently in Compliance? (Y or N) Y G. Compliance Status? (C or I) I H. *Excursions, exceedances, or other non-compliance? (Y or N) N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 54.B.2, Rule 54.B.2	D. Frequency of monitoring Intermittent
B. Description Sulfur dioxide concentration at ground level.	E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring Only PUC-grade natural gas is combusted at this facility.	F. Currently in Compliance? (Y or N) Y G. Compliance Status? (C or I) I H. *Excursions, exceedances, or other non-compliance? (Y or N) N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachment No. 57.B, Rule 57.B	D. Frequency of monitoring: Intermittent
B. Description: Combustion contaminants	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No periodic monitoring is required. Reference District analysis based upon EPA emission factors and representative source test.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 64.B.1, Rule 64.B.1	D. Frequency of monitoring: Intermittent
B. Description: Sulfur content of fuels - gaseous fuel requirements	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Only PUC-grade natural gas is combusted at this facility. No periodic monitoring is required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 74.6, Rule 74.6	D. Frequency of monitoring: Intermittent
B. Description: Solvent cleaning activities	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No solvents have been used at the facility during the compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachment No 74.1, Rule 74.1	D. Frequency of monitoring: Intermittent
B. Description: Abrasive blasting	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: The facility did not conduct any abrasive blasting activities during the covered period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No 74.2, Rule 74.1	D. Frequency of monitoring: Monthly
B. Description: Architectural coatings	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Documentation of VOC content and usage of architectural coatings is maintained for the facility and updated monthly.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition # Attachment No. 74.26, Rule 74.26	D. Frequency of monitoring: Intermittent
B. Description: Crude oil storage tank degassing operations	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No crude oil storage tank degassing activities were conducted at this facility during the covered period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 74.29, Rule 74.29	D. Frequency of monitoring: Intermittent
B. Description: Soil Decontamination Operation	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No soil decontamination activities were conducted at this facility during the covered time period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40 CFR 61.M	D. Frequency of monitoring: Intermittent
B. Description: National emission standards for asbestos	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No asbestos removal, renovation, or demolition activities were conducted at this facility during the covered period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.11.1	D. Frequency of monitoring: N/A
B. Description: Large water heaters and small boilers	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: The facility is not equipped with large water heaters or small boilers.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 55, Rule 55	D. Frequency of monitoring: Annually
B. Description: Fugitive Dust.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Annual review of facilities by management confirm that this facility does not have conditions subject to this regulation. MOC procedure for changes in facilities ensures any new conditions will comply.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 57.1, Rule 57.1	D. Frequency of monitoring: N/A
B. Description: Particulate Matter Emissions From Fuel Burning Equipment	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Rule 57.B District Analysis dated December 3, 1997
C. Method of monitoring: The facility is in compliance based on Rule 57.B District Analysis dated December 3, 1997.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment 74.22, Rule 74.22	D. Frequency of monitoring: Annually
B. Description: Requirements for natural gas-fired fan-type central furnaces	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Annual review of facilities by management confirm that this facility does not have equipment subject to this regulation. MOC procedure for new equipment ensures any new equipment will comply.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 1 / 1 / 2014 (MM/DD/YY) to 12 / 31 / 2014 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time Begin: unknown End: 5/28/2014, 3:40pm When Discovered: Date & Time 5/28/2014, 2:30pm
D. Parameters monitored: Holes in roof	E. Limit: No holes	F. Actual: Pin hole
G. Probable Cause of Deviation: Degradation	H. Corrective actions taken: Pin hole was patched immediately upon discovery.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time Begin: End: When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:	H. Corrective actions taken:	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time Begin: End: When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:	H. Corrective actions taken:	

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.6 ppmv @ 15% O2 (average)	9 ppmv @ 15% O2	AirX Services	2/25/2014

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
635 ppmv @ 15% O2 (average)	1,000 ppmv @ 15% O2	AirX Services	2/25/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
15.8 ppmv @ 15% O2 (average)	25 ppmv @ 15% O2	AirX Services	2/11/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
1,375 ppmv @ 15% O2 (average)	4,500 ppmv @ 15% O2	AirX Services	2/11/2014

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
5.5 ppmv @ 15% O2	9 ppmv @ 15% O2	AirX Services	6/26/2014

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
633 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Services	6/26/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
15.3 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Services	6/26/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
540 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Services	6/26/2014

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.2 ppmv @ 15% O2	9 ppmv @ 15% O2	AirX Services	8/12/2014

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
441 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Services	8/12/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
14.4 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Services	8/12/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
319 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Services	8/12/2014

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 14 (MM/DD/YY) to 12 / 31 / 14 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
6.2 ppmv @ 15% O2	9 ppmv @ 15% O2	AirX Services	12/19/2014

A. Emission Unit Description:			B. Pollutant:
Caterpillar ICE			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
569 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Services	12/19/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
8.7 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Services	12/19/2014

A. Emission Unit Description:			B. Pollutant:
Enterprise ICE G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2,813 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Services	12/19/2014

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Harbor Pump Station
G-3

8/12/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*51.0*	-
ppmv @ 15% O2	*14.4*	*25*
Carbon Monoxide (CO)		
ppmv	*1131*	-
ppmv @ 15% O2	*319*	*4500*
Oxygen (O2), percent	*0.0*	-

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CAT

8/12/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*14.9*	-
ppmv @ 15% O2	*4.2*	*9*
Carbon Monoxide (CO)		
ppmv	*1566*	-
ppmv @ 15% O2	*441*	*1000*
Oxygen (O2), percent	*0.0*	-

Note: Reported values represent a 15-minute average.

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CAT

12/19/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*21.9*	-
ppmv *@* 15% O2	*6.2*	*9*
Carbon Monoxide (CO)		
ppmv	*2015*	-
ppmv *@* 15% O2	*569*	*1000*
Oxygen (O2), percent	*0.0*	-
Opacity, %	**0.0**	**10%**

Note: Reported values represent a 15-minute average.

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
G-3

12/19/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*30.7*	-
ppmv @ 15% O2	*8.7*	*25*
Carbon Monoxide (CO)		
ppmv	*9953*	-
ppmv @ 15% O2	*2813*	*4500*
Oxygen (O2), percent	*0.0*	-
Opacity, %	0.0	10%

Note: Reported values represent a 15-minute average.

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-1

2/11/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*12.0*	-
ppmv @ 15% O2	*3.4*	*25*
Carbon Monoxide (CO)		
ppmv	*12030*	-
ppmv @ 15% O2	*3423*	*4500*
Oxygen (O2), percent	*0.2*	-
Opacity, %	**0.0**	**10%**

Note: Reported values represent a 19-minute average.

AIRXTESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
G-3

2/11/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*55.8*	-
ppmv @ 15% O2	*15.8*	*25*
Carbon Monoxide (CO)		
ppmv	*4863*	-
ppmv @ 15% O2	*1375*	*4500*
Oxygen (O2), percent	*0.0*	-
Opacity, %	0.0	10%

Note: Reported values represent a 20-minute average.

1A

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-2

2/11/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*68.9*	-
ppmv @ 15% O2	*19.6*	*25*
Carbon Monoxide (CO)		
ppmv	*13185*	-
ppmv @ 15% O2	*3743*	*4500*
Oxygen (O2), percent	*0.1*	-
Opacity, %	**0.0**	**10%**

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CAT

2/25/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*19.7*	-
ppmv @ 15% O2	*5.6*	*9*
Carbon Monoxide (CO)		
ppmv	*2255*	-
ppmv @ 15% O2	*635*	*1000*
Oxygen (O2), percent	*0.0*	-
Opacity, %	**0.0**	**10%**

Note: Reported values represent a 15-minute average.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
G-3

6/26/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*47.3*	-
ppmv @ 15% O2	*15.3*	*25*
Carbon Monoxide (CO)		
ppmv	*1671*	-
ppmv @ 15% O2	*540*	*4500*
Oxygen (O2), percent	*2.6*	-

Note: Reported values represent a 15-minute average.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CAT

6/26/2014

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*19.6*	-
ppmv @ 15% O2	*5.5*	*9*
Carbon Monoxide (CO)		
ppmv	*2246*	-
ppmv @ 15% O2	*633*	*1000*
Oxygen (O2), percent	*0.0*	-

Note: Reported values represent a 15-minute average.

Avanti

Ventura County APCD

Rule 74.10 Component Leak Report

Company Crimson Pipeline, LP
Facility Ventura Harbor Pump Station
1200 Spinnaker Dr., Ventura, CA 93003

District ID 00082
Contact David Blakeslee

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 01/21/2014

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

Ventura County APCD

Rule 74.10 Component Leak Report

Company	Crimson Pipeline, LP	**District ID**	00082
Facility	Ventura Harbor Pump Station	**Contact**	David Blakeslee
	1200 Spinnaker Dr., Ventura, CA 93003		

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 10/09/2014

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

Ventura County APCD

Rule 74.10 Component Leak Report

Company Crimson Pipeline, LP
Facility Ventura Harbor Pump Station
1200 Spinnaker Dr., Ventura, CA 93003

District ID 00082
Contact David Blakeslee

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 05/07/2014

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

Avanti

Ventura County APCD

Rule 74.10 Component Leak Report

Q3/2014

Company	Crimson Pipeline, LP	**District ID**	00082
Facility	Ventura Harbor Pump Station	**Contact**	David Blakeslee
	1200 Spinnaker Dr., Ventura, CA 93003		

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 07/31/2014

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT

"PLEASE COMPLETE FORM LEGIBLY IN BLACK INK" *Created by Beacon Energy Services, Inc.*

Tank No. 305 Permit No. OOO82 Inspection Date 5/28/2014 Time 2:30pm

Is this a Follow-up Inspection? Yes No X If yes, Date of Previous Inspection:

A. COMPANY INFORMATION:

Company Name	Crimson Pipeline L.P			
Location Address	1200 Spinaker Road	City	Ventura	Zip 93003
Mailing Address	210 North 12th Street	City	Santa Paula	Zip 93060
Contact Person	Greg Fussel	Title	Supervisor	
Phone	805-223-6850			

B. INSPECTION CONDUCTED BY:

Name	James Heidary	Title	Inspector	
Company Name	Beacon Energy Services, Inc.	Phone	562-997-3087	
Mailing Address	2685 Temple ave	City	Signal Hill	Zip 90755

C. TANK INFORMATION:

Capacity 150,000 Installation Date Diameter 150' Ht. 51'

Product Type Crude Product RVP 3.8

Type of Tank Riveted X Welded Other (Describe)

Color of Shell White Color of Roof White

Roof Type X Pontoon Double Deck Other (Describe)

X External floating roof Internal floating roof

D. GROUND LEVEL INSPECTION:

1) Product Temperature 74 Degress F Product Level 14' - 1"

3) List type and location of leaks found in tank shell.

No leaks found in shell

E. INTERNAL FLOATING ROOF TANK:

NA 1) Check vapor space between floating roof and fixed roof with explosimeter. % LEL

2) Conduct visual inspection of roofs and secondary seal's, if applicable.

3) Are all roof openings covered? No Yes

If no, explain in comments section (J) and proceed to part (H)(6)

F. EXTERNAL FLOATING ROOF TANK:

1) On the diagram (attached) indicate the location of the ladder, roof drain(s), anti-rotation device(s), platform, gauge well, vents or other appurtenances. Note information relative to North *(to the top of the worksheet)*

2) Identify any tears in the seal fabric. Describe and indicate on diagram (attached)

No tears in fabric found

3) If this is an In-Service External Floating seal inspection, record the LEL% reading within 3 feet of the seal LEL 0%

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT

Tank No. 305 Permit No. OOO82

G. FROM GAUGER PLATFORM:

1) Observe the entire floating roof:

Is the roof badly warped or buckled?	No X	Yes	NA
Is there any obvious damage?	No	Yes X	NA
2) Are there liquid hydrocarbons on the roof?	No	Yes X	NA
3) Is there water ponding on the roof?	No X	Yes	NA

Occasionally pools of water are usually a result of inadaquete slope for damage or from a leaky geodesic dome roof These do not become a hazard unless the roof drain system is not flowing freely or unless the water covers over half the roof.

4) For an External Floating Roof, is the bonding cable at the top of the rolling ladder in deteriorated condition? No X Yes NA

H SEAL INSPECTION:

1) Secondary Seal Inspection

a) Type of Secondary Seal. Double Layered Wiper

b) Does 1/2" probe drop past seal? No X Yes If yes, measure length(s) and show on diagram

c) Does 1/8" probe drop past seal? No X Yes If yes, measure length(s) and show on diagram

d) Record dimensions for gaps > 1/8" 0 >1/2" 0

"NOTE: Record the actual width and cumulative length of gaps in feet and inches. Do not include >1/8" gaps in 1/2" measures

2) Primary Seal Inspection

a) Type of Primary Seal: Shoe X Tube Other

b) (shoe seal) does 1-1/2' probe drop past seal? No X Yes If yes, measure length(s) and show on diagram

c) (shoe seal) does 1/2" probe drop past seal? No X Yes If yes, measure length(s) and show on diagram

NA d) (tube seal) does 1/2" probe drop past seal? No Yes If yes, measure length(s) and show on diagram

e) (all seal types) does 1/8" probe drop past seal? No X Yes If yes, measure length(s) and show on diagram

f) Record dimensions of gaps for gaps > 1/8" 0 >1/2" 0 >1-1/2" 0

"NOTE Record the actual width and cumulative length of gaps in feet and inches. Do not include 1/8" 1/2" gaps in 1-1/2 measurements

"NOTE. Record the actual width and cumulative length of gaps in feet and inches. Do not include >1/8" gaps in 1/2" measures

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT

Tank No 305 Permit No. OOO82

I. CALCULATIONS - Complete all applicable portions of the following

Gaps in Primary Seal between 1/8" and 1/2"	0	(feet)	0	(Inches)
Gaps in Primary Seal between 1/2" and 1-1/2"	0	(feet)	0	(Inches)
Gaps in Primary Seal greater than 1-1/2"	0	(feet)	0	(Inches)
Gaps in Secondary Seal between 1/8" and 1/2"	0	(feet)	0	(Inches)
Gaps in Secondary Seal > 1/2"	0	(feet)	0	(Inches)

Multiply diameter (ft) of tank to determine appropriate gap limits:

5% Circumference = Diameter X 0.157 =	23.55	60% Circ. = Diameter X 1.88 =	282
10% Circumference = Diameter X 0.314 =	47.1	90% Circ. = Diameter X 2.83 =	424.5
30% Circumference = Diameter X 0.942 =	141.3	95% Circ = Diameter X 2.98 =	447

J. DETERMINE COMPLIANCE STATUS OF TANK:

1) Were any openings found on the roof?		No	X	Yes	
2) Were any tears in the seals found?		No	X	Yes	
3) Is the product level lower than the level at which the roof would be floating?		No	X	Yes	
4) Secondary Seal:					
	Did 1/2" probe drop between the shell and seal?	No	X	Yes	
	Did cumulative 1/8" - 1/2" gap exceed 5% of the tank circumference length?	No	X	Yes	
5) Primary Seal:					
Shoe	Did 1-1/2" probe drop between the shell and seal?	No	X	Yes	
	Did cumulative 1/2" - 1-1/2" gap exceed 10% circumference length?	No	X	Yes	
	Did cumulative 1/8" - 1/2" gap exceed 40% circumference length?	No	X	Yes	
	Did any single continuous 1/8" - 1-1/2" gap exceed 10% circumference length?	No	X	Yes	
Tube	Did 1/2" probe drop between the shell and seal?	No		Yes	NA X
	Did cumulative 1/8" - 1/2" gap exceed 95% circumference length?	No		Yes	NA X

If "yes" is checked for any of the above items the tank is Out of Compliance

7) Does tank have permit conditions?		No		Yes	X
	Does tank comply with these conditions?	No	X	Yes	

1 IF INSPECTION WAS TERMINATED PRIOR TO COMPLETION FOR ANY REASON, PLEASE EXPLAIN

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT

Tank No. 305 Permit No. OOO82

K. COMMENTS:

Use this section to complete answers to above listed items and to describe repairs made to the tank; include date and time repairs were made

Approximately 3 gallons of crude found on floating roof. Beacon Energy Services cleaned product, and patched pin hole leak in roof 5/28/2014 approximatley 3:40pm.

TANK IS IN COMPLIANCE AT THIS TIME

L. **I (We) certify the foregoing information to be correct to the best of my (Our) knowledge.**

Inspection completed by *signature*	James Heidary	Cert ID	JH001	Date 5/28/2014
Compliance status by *signature*	Robert Hoppenrath	Cert ID	RH003	Date 5/28/2014
Company Representative *signature*		Cert ID		Date 6/6/2014

A copy of this Inspection Report must be provided to the Ventura County APCD within 30 Calendar days after the inspection date. A copy of this report must be kept on-site and made available to Ventura County APCD upon request for a period of 4 Years

CRIMSON PIPELINE L P IC ENGINES
FUEL USAGE
HARBOR STATION
PERMIT NUMBER 0082

VENTURA HARBOR STATION ANNUAL ROLLING FUEL 2013

Month	AVG#1	AVG#2	AVG#3	AVG#4	AVG#5	AVG#6	AVG#7	AVG#8	AVG#9	AVG#10	AVG#11	AVG#12
Feb-13	1,165,800											
Mar-13	1,097,700	1,097,700										
Apr-13	1,062,300	1,062,300	1,062,300									
May-13	966,200	966,200	966,200	966,200								
Jun-13	719,400	719,400	719,400	719,400	719,400							
Jul-13	1,108,600	1,108,600	1,108,600	1,108,600	1,108,600	1,108,600						
Aug-13	1,131,800	1,131,800	1,131,800	1,131,800	1,131,800	1,131,800	1,131,800					
Sep-13	1,123,600	1,123,600	1,123,600	1,123,600	1,123,600	1,123,600	1,123,600	1,123,600				
Oct-13	1,270,700	1,270,700	1,270,700	1,270,700	1,270,700	1,270,700	1,270,700	1,270,700	1,270,700			
Nov-13	1,019,800	1,019,800	1,019,800	1,019,800	1,019,800	1,019,800	1,019,800	1,019,800	1,019,800	1,019,800		
Dec-13	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	1,180,500	
Jan-14	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600	1,288,600
Feb-14		1,110,100	1,110,100	1,110,100	1,110,100	1,110,100	1,110,100	1,110,100	1,110,100	1,110,100	1,110,100	1,110,100
Mar-14			1,099,800	1,099,800	1,099,800	1,099,800	1,099,800	1,099,800	1,099,800	1,099,800	1,099,800	1,099,800
Apr-14				1,207,600	1,207,600	1,207,600	1,207,600	1,207,600	1,207,600	1,207,600	1,207,600	1,207,600
May-14					1,003,900	1,003,900	1,003,900	1,003,900	1,003,900	1,003,900	1,003,900	1,003,900
Jun-14						839,900	839,900	839,900	839,900	839,900	839,900	839,900
Jul-14							1,287,400	1,287,400	1,287,400	1,287,400	1,287,400	1,287,400
Aug-14								764,100	764,100	764,100	764,100	764,100
Sep-14									860,700	860,700	860,700	860,700
Oct-14										860,200	860,200	860,200
Nov-14											770,300	770,300
Dec-14												850,900
CF/year	**1,094,583**	**1,089,942**	**1,090,117**	**1,102,225**	**1,105,367**	**1,115,408**	**1,130,308**	**1,099,667**	**1,077,758**	**1,043,550**	**1,022,758**	**995,292**

CRIMSON PIPELINE L P

VENTURA HARBOR STATION 2014

MONTH	*FUEL (CUBIC FEET)	BBLS. (TANK THROUGHPUT)	SOLVENT (GALLONS)	**PAINT (GALLONS)
Jan-14	1,288,600	226,318	0	0
Feb-14	1,110,100	192,362	0	0
Mar-14	1,099,800	203,944	0	0
Apr-14	1,207,600	228,753	0	0
May-14	1,003,900	205,192	0	0
Jun-14	839,900	155,678	0	0
Jul-14	1,287,400	238,443	0	0
Aug-14	764,100	185,331	0	0
Sep-14	860,700	220,530	0	0
Oct-14	860,200	211,213	0	0
Nov-14	770,300	211,295	0	0
Dec-14	850,900	205,236	0	0
TOTAL	**11,943,500**	**2,484,295**	**0**	**0**

*ALSO REFER TO FUEL USE ROLLING TWELVE MONTH TABLE ATTACHED

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	CS		CS	CS	CS		
DATE 1/21/13 - 1/26/13	1/21		1/23	1/24	1/25		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—		—	—	—		
ANY VISUAL EMISSIONS	—		—	—	—		
OPACITY G-3 - TIME	1330		0940	—	0930		
ANY VISUAL EMISSIONS	N		N	N	N		
G-1 PUMP SEAL	N		N	N	N		
G-3 PUMP SEAL	N		N	N	N		
STATION VALVES	N		N	N	N		
TK 301 VALVES	N		N	N	N		
TK 305 VALVES	N		N	N	N		
SUMP	N		N	N	N		
BOOSTER SEAL	N		N	N	N		
MIXER SEAL	N		N	N	N		
PIG LAUNCHER	N		N	N	N		
STATION VISUAL	CS		CS	CS	CS		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY			TV	TV	TV		
DATE 2/17-2/24/14			2/19	3/20	2/21		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME			-	-	-		
ANY VISUAL EMISSIONS			-	-	-		
OPACITY G-3 - TIME			1030a	1100a	1100a		
ANY VISUAL EMISSIONS			N	N	N		
G-1 PUMP SEAL			N	N	N		
G-3 PUMP SEAL			N	N	N		
STATION VALVES			N	N	N		
~~CR 301 VALVES~~							
TK 305 VALVES			N	N	N		
SUMP			N	N	N		
BOOSTER SEAL			N	N	N		
MIXER SEAL			N	N	N		
PIG LAUNCHER			N	N	N		
STATION VISUAL			TV	TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JW	JW	JW	JW	JW		
DATE 3/10-3/17/14	3/10	3/11	3/12	3/13	3/14		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—		
ANY VISUAL EMISSIONS	—	—	—	—	—		
OPACITY G-3 - TIME	1330	1100	730	938	1000		
ANY VISUAL EMISSIONS	N	N	N	N	N		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
~~TK 305 VALVES~~							
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	TV	TV	TV	TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	TV	TV	TV	TV	TV		
DATE 4/7-4/14/14	4/7	4/8	4/9	4/10	4/11		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	–	–	–	–	–		
ANY VISUAL EMISSIONS	–	–	–	–	–		
OPACITY G-3 - TIME	1100a	2230p	1106a	1109a	1130a		
ANY VISUAL EMISSIONS	N	N	N	N	N		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
~~TK301 VALVES~~							
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	TV	TV	TV	TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	TV	TV	TV	TV	TV		
DATE 5/19-5/26/14	5/19	5/20	5/21	5/22	5/23		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	–	–	–	–	–		
ANY VISUAL EMISSIONS	–	–	–	–	–		
OPACITY G-3 - TIME	1100a	1050a	1030a	1030a	1030a		
ANY VISUAL EMISSIONS	N	N	N	N	N		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
~~TK 305 VALVES~~							
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	TV	TV	TV	TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY		TV	TV		TV		
DATE 6/16-6/23/14		6/17	6/18		6/20		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME		–	–		–		
ANY VISUAL EMISSIONS		–	–		–		
OPACITY G-3 - TIME		2:00P	12:20P		9:00A		
ANY VISUAL EMISSIONS		N	N		N		
G-1 PUMP SEAL		N	N		N		
G-3 PUMP SEAL		N	N		N		
STATION VALVES		N	N		N		
~~TK 301 VALVES~~							
TK 305 VALVES		N	N		N		
SUMP		N	N		N		
BOOSTER SEAL		N	N		N		
MIXER SEAL		N	N		N		
PIG LAUNCHER		N	N		N		
STATION VISUAL		TV	TV		TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY							
DATE 7/14-7/21/14	7/14		7/16	7/17	7/18		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	---		---	---	---		
ANY VISUAL EMISSIONS	-		-	-	-		
OPACITY G-3 - TIME	1120		1108	1115	1320		
ANY VISUAL EMISSIONS	N		N	N	N		
G-1 PUMP SEAL	N		N	N	N		
G-3 PUMP SEAL	N		N	N	N		
STATION VALVES	N		N	N	N		
~~TK 301 VALVES~~							
TK 305 VALVES	N		N	N	N		
SUMP	N		N	N	N		
BOOSTER SEAL	N		N	N	N		
MIXER SEAL	N		N	N	N		
PIG LAUNCHER	N		N	N	N		
STATION VISUAL	✓		✓	✓	✓		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	TV	TV	TV		TV		
DATE 8/11-8/15/14	8/11	8/12	8/13		8/15		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—				
ANY VISUAL EMISSIONS	—	—	—				
OPACITY G-3 - TIME	1030a	1100a	200p		1000a		
ANY VISUAL EMISSIONS	N	N	N		N		
G-1 PUMP SEAL	N	N	N		N		
G-3 PUMP SEAL	N	N	N		N		
STATION VALVES	N	N	N		N		
TK 305 VALVES	N	N	N		N		
SUMP	N	N	N		N		
BOOSTER SEAL	N	N	N		N		
MIXER SEAL	N	N	N		N		
PIG LAUNCHER	N	N	N		N		
STATION VISUAL	TV	TV	TV		TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	TV		TV	TV	TV		
DATE 9/23-9/29/14	9/22		9/24	9/25	9/26		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	–		–	–	–		
ANY VISUAL EMISSIONS	–		–	–	–		
OPACITY G-3 - TIME	1130a		1120a	900a	1030a		
ANY VISUAL EMISSIONS	N		N	N	N		
G-1 PUMP SEAL	N		N	N	N		
G-3 PUMP SEAL	N		N	N	N		
STATION VALVES	N		N	N	N		
TK 305 VALVES	N		N	N	N		
SUMP	N		N	N	N		
BOOSTER SEAL	N		N	N	N		
MIXER SEAL	N		N	N	N		
PIG LAUNCHER	N		N	N	N		
STATION VISUAL	TV		TV	TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	TV	TV		TV	TV		
DATE 10/13-10/2014	10/13	10/14		10/16	10/17		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—		—	—		
ANY VISUAL EMISSIONS	—	—		—	—		
OPACITY G-3 - TIME	2 0%	11 0%		12 1%	11 0%		
ANY VISUAL EMISSIONS	N	N		N	N		
G-1 PUMP SEAL	N	N		N	N		
G-3 PUMP SEAL	N	N		N	N		
STATION VALVES	N	N		N	N		
TK 305 VALVES	N	N		N	N		
SUMP	N	N		N	N		
~~BOOSTER SEAL~~	N	N		N	N		
MIXER SEAL	N	N		N	N		
PIG LAUNCHER	N	N		N	N		
STATION VISUAL	TV	TV		TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY		TN	TN	TN	TN		
DATE 11/17-11/24/14		11/18	11/19	11/20	11/21		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME		400P	1100	1025a	1025a		
ANY VISUAL EMISSIONS		N	N	N	N		
OPACITY G-3 - TIME	—	—	—	—			
ANY VISUAL EMISSIONS		N	N	N	N		
G-1 PUMP SEAL		N	N	N	N		
G-3 PUMP SEAL		N	N	N	N		
STATION VALVES		N	N	N	N		
TK 305 VALVES		N	N	N	N		
SUMP		N	N	N	N		
BOOSTER SEAL		N	N	N	N		
MIXER SEAL		N	N	N	N		
PIG LAUNCHER		N	N	N	N		
STATION VISUAL		TV	TV	TV	TV		

If any componet is leaking, minimize leak, notify Dist Foreman

G1 gas reading - 35878

Comments: [redacted]

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	TV	TV	TV				
DATE 12/22-12/28/14	12/22	12/23	12/24	THUR	FRI	SAT	SUN
DAY	MON	TUES	WED				
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—				
ANY VISUAL EMISSIONS	—	—	—				
OPACITY G-3 - TIME	1139A	1100A	1108A				
ANY VISUAL EMISSIONS	N	N	N				
G-1 PUMP SEAL	N	N	N				
G-3 PUMP SEAL	N	N	N				
STATION VALVES	N	N	N				
~~TK 301 VALVES~~	~~N~~						
TK 305 VALVES	N	N	N				
SUMP	N	N	N				
BOOSTER SEAL	N	N	N				
MIXER SEAL	N	N	N				
PIG LAUNCHER	N	N	N				
STATION VISUAL	TV	TV	TV				

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 3203 FINISH 3326 TOTAL HOURS _____

INITIALS	CS		CS	CS	CS		
DATE 1/21/13 - 1/28/13	1/21		1/23	1/24	1/25		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	541-9		530		528		
SUCTION PRESSURE	115.5		111		111		
ENGINE RPM'S	371		371		371		
JACKET WATER PRESSURE	26		26		26		
JACKET WATER TEMP	172		173		170		
HEAT EXCHANGER TEMP	142		135		130		
INBOARD BEARING TEMP	129	1	124		123		
OUTBOARD BEARING TEMP	161		155		150		
AIR/FUEL PRESS - FRONT	.818		.814		.815		
AIR/FUEL PRESS - BACK	.812		.584	D	.525		
LUBE OIL LEVEL	3/8			O	3/8		
OIL ADDED TO ENGINE	35 GAL			W	10 GAL		
LUBE OIL ENG PRESS	55		53	N	53		
GEAR BOX OIL PRESSURE	9		8		8		
LUBE OIL FILTER	60		66		60		
CONVERTER TEMP TC-1	692	984	934		740		
CONVERTER TEMP TC-2	733	745	745		761		
CYLINDER #1	933		960		969		
CYLINDER #2	954		979		982		
CYLINDER #3	935		961		948		
CYLINDER #4	1014		1035		1020		
CYLINDER #5	1055		1079		1064		
CYLINDER #6	1042		1059		1053		
AIR PRESSURE	210		215		210		
WATER MAKE-UP TANK	Full		Full		Full		
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 8832 FINISH 8935 TOTAL HOURS _____

INITIALS			TV	TV	TV		
DATE 2/17-2/24/14			2/19	2/20	2/21		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE			548	539	536		
SUCTION PRESSURE			118	115	114		
ENGINE RPM'S			378	378	378		
JACKET WATER PRESSURE			27	27	27		
JACKET WATER TEMP			164	163	163		
HEAT EXCHANGER TEMP			134	136	130		
INBOARD BEARING TEMP			128	128	127		
OUTBOARD BEARING TEMP			154	160	160		
AIR/FUEL PRESS - FRONT			.80	.81	.82		
AIR/FUEL PRESS - BACK			.70	.16	.20		
LUBE OIL LEVEL			3/8	3/8	3/8		
OIL ADDED TO ENGINE			30 Gals.	-0-	16 Gals.		
LUBE OIL ENG PRESS			57	58	57		
GEAR BOX OIL PRESSURE			9	9	9		
LUBE OIL FILTER			65	65	65		
CONVERTER TEMP TC-1			716	753	743		
CONVERTER TEMP TC-2			746	766	764		
CYLINDER #1					968		
CYLINDER #2					987		
CYLINDER #3					1032		
CYLINDER #4					1052		
CYLINDER #5					1093		
CYLINDER #6					1079		
AIR PRESSURE			205	205	210		
WATER MAKE-UP TANK			FULL	FULL			
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 9176 FINISH 9308 TOTAL HOURS _____

INITIALS	TN	TN	TN	TN	TN		
DATE 3/10 - 3/17/14	3/10	3/11	3/12	3/13	3/14		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	532	534	535				
SUCTION PRESSURE	113	112	112				
ENGINE RPM'S	378	376	378				
JACKET WATER PRESSURE	27	27	27				
JACKET WATER TEMP	163	163	163				
HEAT EXCHANGER TEMP	130	136	122				
INBOARD BEARING TEMP	126	126	129				
OUTBOARD BEARING TEMP	162	155	164				
AIR/FUEL PRESS - FRONT	.12	.12	.26				
AIR/FUEL PRESS - BACK	.14	.14	.14				
LUBE OIL LEVEL	1/2	1/2	3/8				
OIL ADDED TO ENGINE	34 Gals	~~0~~	~~0~~	0	0		
LUBE OIL ENG PRESS	57	57	57				
GEAR BOX OIL PRESSURE	9	9	10				
LUBE OIL FILTER	65	65	65				
CONVERTER TEMP TC-1	799	794	804				
CONVERTER TEMP TC-2	775	770	768				
CYLINDER #1	976	974	979				
CYLINDER #2	987	985	984				
CYLINDER #3	1037	1038	1031				
CYLINDER #4	1057	1047	1037				
CYLINDER #5	1080	1074	1073				
CYLINDER #6	1076	1073	1065				
AIR PRESSURE	205	215	205				
WATER MAKE-UP TANK	FULL	FULL	FULL				
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 9580 FINISH 9685 TOTAL HOURS _____

INITIALS	TV	TV	TV	TV	TV		
DATE 4/7 - 4/14/14	4/7	4/8	4/9	4/10	4/11		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	533	536		534	542		
SUCTION PRESSURE	115	115		114	116		
ENGINE RPM'S	380	380		377	377		
JACKET WATER PRESSURE	27	27		27	27		
JACKET WATER TEMP	163	164		163	162		
HEAT EXCHANGER TEMP	136	134		134	128		
INBOARD BEARING TEMP	127	128		125	118		
OUTBOARD BEARING TEMP	159	158		154	130		
AIR/FUEL PRESS - FRONT	.81	.81		.80	.84		
AIR/FUEL PRESS - BACK	.13	.14		.13	.13		
LUBE OIL LEVEL	3/8	3/8		3/8	3/8		
OIL ADDED TO ENGINE	30 Gals	-0-		-0-	18 Gals		
LUBE OIL ENG PRESS	57	57		57	57		
GEAR BOX OIL PRESSURE	9	9		9	11		
LUBE OIL FILTER	65	65		65	65		
CONVERTER TEMP TC-1	814	794		808	792		
CONVERTER TEMP TC-2	777	775		778	776		
CYLINDER #1	976	962		971	979		
CYLINDER #2	982	983		995	985		
CYLINDER #3	1033	1036		1040	1024		
CYLINDER #4	1044	1054		1046	1049		
CYLINDER #5	1079	1086		1086	1080		
CYLINDER #6	1099	1088		1095	1094		
AIR PRESSURE	200	210		~~205~~	210		
WATER MAKE-UP TANK	Full	Full		Full	Full		
GAS METER READING	-						

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 10282 FINISH 10315 TOTAL HOURS _____

INITIALS		TV	TV	TV	TV	TV		
DATE 5/19 - 5/26/14		5/19	5/20	5/21	5/22	5/23		
DAY		MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		528	530	528		532		
SUCTION PRESSURE		113	114	113		113		
ENGINE RPM'S		378	377	377		378		
JACKET WATER PRESSURE		27	27	27		27		
JACKET WATER TEMP		164	164	164		165		
HEAT EXCHANGER TEMP		140	136	136		140		
INBOARD BEARING TEMP		127	127	127		128		
OUTBOARD BEARING TEMP		153	153	154		155		
AIR/FUEL PRESS - FRONT		.13	.12	.11		.11		
AIR/FUEL PRESS - BACK		.10	.10	.10		.10		
LUBE OIL LEVEL		3/8	3/8	3/8		3/8		
OIL ADDED TO ENGINE		-0-	-0-	17 Gals.		-0-		
LUBE OIL ENG PRESS		58	58	58		58		
GEAR BOX OIL PRESSURE		10	9	9		9		
LUBE OIL FILTER		65	65	65		65		
CONVERTER TEMP TC-1		831	845	841		837		
CONVERTER TEMP TC-2		788	790	791		792		
CYLINDER #1		973	978	975		980		
CYLINDER #2		992	986	985		1000		
CYLINDER #3		1032	1035	1023		1030		
CYLINDER #4		1109	1109	1132		1135		
CYLINDER #5		1084	1089	1089		1093		
CYLINDER #6		1111	1105	1121		1120		
AIR PRESSURE		205	215	215		210		
WATER MAKE-UP TANK		FULL	FULL	FULL		FULL		
GAS METER READING								

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 10580 FINISH _____ TOTAL HOURS _____

INITIALS		TV	TV		TV		
DATE 6/16 - 6/23/14		6/17	6/18		6/20		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		523	525				
SUCTION PRESSURE		115	117				
ENGINE RPM'S		369	370				
JACKET WATER PRESSURE		27	27				
JACKET WATER TEMP		166	166				
HEAT EXCHANGER TEMP		134	136				
INBOARD BEARING TEMP		130	130				
OUTBOARD BEARING TEMP		156	156				
AIR/FUEL PRESS - FRONT		.03	.06				
AIR/FUEL PRESS - BACK		.58	.67				
LUBE OIL LEVEL		3/8	3/8				
OIL ADDED TO ENGINE		30 Gals.	-0-				
LUBE OIL ENG PRESS		58	58				
GEAR BOX OIL PRESSURE		9	9				
LUBE OIL FILTER		65	65				
CONVERTER TEMP TC-1		760	751				
CONVERTER TEMP TC-2		752	748				
CYLINDER #1		949	950				
CYLINDER #2		967	973				
CYLINDER #3		1019	1017				
CYLINDER #4		1084	1114				
CYLINDER #5		1085	1088				
CYLINDER #6		1105	1114				
AIR PRESSURE		210	205				
WATER MAKE-UP TANK		Full	Full				
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 10896 FINISH 11016 TOTAL HOURS _____

INITIALS	TV		TV	TV	TV		
DATE 7/14 - 7/21/14	7/14		7/16	7/17	7/18		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE			488	466	460		
SUCTION PRESSURE			113	113	111		
ENGINE RPM'S			361	353	353		
JACKET WATER PRESSURE			25	25	25		
JACKET WATER TEMP			163	163	163		
HEAT EXCHANGER TEMP			136	138	136		
INBOARD BEARING TEMP			128	128	128		
OUTBOARD BEARING TEMP			155	153	154		
AIR/FUEL PRESS - FRONT			.80	.79	.79		
AIR/FUEL PRESS - BACK			.12	.13	.13		
LUBE OIL LEVEL			3/8	3/8	3/8		
OIL ADDED TO ENGINE			23 Gals.	-0-	20 Gals.		
LUBE OIL ENG PRESS			58	57	57		
GEAR BOX OIL PRESSURE			9	9	9		
LUBE OIL FILTER			65	64	64		
CONVERTER TEMP TC-1			853	827	835		
CONVERTER TEMP TC-2			754	236	736		
CYLINDER #1			966	960	954		
CYLINDER #2			986	965	970		
CYLINDER #3			966	959	957		
CYLINDER #4			1097	1089	1072		
CYLINDER #5			1063	1064	1056		
CYLINDER #6			1080	1073	1068		
AIR PRESSURE			210	210	205		
WATER MAKE-UP TANK			FULL	FULL	FULL		
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 11215 FINISH 11326 TOTAL HOURS _____

INITIALS	TN	TN	TN		TV		
DATE 8/11 - 8/18/14	8/11	8/12	8/13		8/15		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	533		490		517		
SUCTION PRESSURE	114		110		111		
ENGINE RPM'S	376		364		375		
JACKET WATER PRESSURE	27		26		26		
JACKET WATER TEMP	165		164		164		
HEAT EXCHANGER TEMP	136		136		136		
INBOARD BEARING TEMP	130		128		128		
OUTBOARD BEARING TEMP	155		157		156		
AIR/FUEL PRESS - FRONT	.81		.79		.79		
AIR/FUEL PRESS - BACK	.12		.14		.12		
LUBE OIL LEVEL	3/8		3/8		3/8		
OIL ADDED TO ENGINE	17 Gals.		0		20 GAL		
LUBE OIL ENG PRESS	58		57		57		
GEAR BOX OIL PRESSURE	9		9		9		
LUBE OIL FILTER	65		64		65		
CONVERTER TEMP TC-1	859		790		829		
CONVERTER TEMP TC-2	759		745		768		
CYLINDER #1	978		955		976		
CYLINDER #2	985		969		974		
CYLINDER #3	976		954		966		
CYLINDER #4	1068		1029		1072		
CYLINDER #5	1080		1083		1091		
CYLINDER #6	1100		1096		1107		
AIR PRESSURE	205		205				
WATER MAKE-UP TANK	FULL		FULL		FULL		
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 11727 FINISH 11819 TOTAL HOURS _____

INITIALS	TV		TV	TV	TV		
DATE 9/22 - 9/29/14	9/22		9/24	9/25	9/26		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	S		487	S	459		
SUCTION PRESSURE			109		109		
ENGINE RPM'S			364		353		
JACKET WATER PRESSURE			25		23		
JACKET WATER TEMP	D		164	D	162		
HEAT EXCHANGER TEMP			136		136		
INBOARD BEARING TEMP			128		127		
OUTBOARD BEARING TEMP			159		157		
AIR/FUEL PRESS - FRONT	O		.04	O	.03		
AIR/FUEL PRESS - BACK			.71		.81		
LUBE OIL LEVEL			3/8		3/8		
OIL ADDED TO ENGINE	W		15 Gals	W	0		
LUBE OIL ENG PRESS			57		57		
GEAR BOX OIL PRESSURE			9		9		
LUBE OIL FILTER	N		65	N	65		
CONVERTER TEMP TC-1			777		751		
CONVERTER TEMP TC-2			738		711		
CYLINDER #1			951		939		
CYLINDER #2			961		953		
CYLINDER #3			945		941		
CYLINDER #4			1028		1053		
CYLINDER #5			1069		1049		
CYLINDER #6			1080		1065		
AIR PRESSURE			200		210		
WATER MAKE-UP TANK			FULL		FULL		
GAS METER READING			—				

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 11985 FINISH 12014 TOTAL HOURS _____

INITIALS		10/13	10/14		10/16	10/17		
DATE 10/13 - 10/20/14		KN	AV		AV			
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN	
DISCHARGE PRESSURE	470	〃		〃	〃			
SUCTION PRESSURE	111	〃		〃	〃			
ENGINE RPM'S	355	〃		〃	〃			
JACKET WATER PRESSURE	26	〃		〃				
JACKET WATER TEMP	163	〃						
HEAT EXCHANGER TEMP	134	〃		〃	〃			
INBOARD BEARING TEMP	128	〃		〃	〃			
OUTBOARD BEARING TEMP	162	〃		〃	〃			
AIR/FUEL PRESS - FRONT	107	〃		〃	〃			
AIR/FUEL PRESS - BACK	,28	〃		〃	〃			
LUBE OIL LEVEL	3/8	〃		〃	〃			
OIL ADDED TO ENGINE	-0	〃		〃	〃			
LUBE OIL ENG PRESS	60	〃		〃	〃			
GEAR BOX OIL PRESSURE	9	〃						
LUBE OIL FILTER	58	〃						
CONVERTER TEMP TC-1	777	〃		〃	〃			
CONVERTER TEMP TC-2	722	〃		〃	〃			
CYLINDER #1	953	〃						
CYLINDER #2	967	〃						
CYLINDER #3	965	〃						
CYLINDER #4	1038	〃						
CYLINDER #5	1080	〃						
CYLINDER #6	1087	〃						
AIR PRESSURE	200	〃						
WATER MAKE-UP TANK	FULL	〃						
GAS METER READING	—	〃						

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 12471 FINISH 12536 TOTAL HOURS _____

INITIALS	TV	TV	TV				
DATE 12/22 - 12/29/14	12/22	12/23	12/24				
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	521	522					
SUCTION PRESSURE	111	110					
ENGINE RPM'S	378	378					
JACKET WATER PRESSURE	27	27					
JACKET WATER TEMP	163	163					
HEAT EXCHANGER TEMP	136	136					
INBOARD BEARING TEMP	127	127					
OUTBOARD BEARING TEMP	155	155					
AIR/FUEL PRESS - FRONT	.01	.08					
AIR/FUEL PRESS - BACK	.80	.80					
LUBE OIL LEVEL	3/8	3/8					
OIL ADDED TO ENGINE	0	0					
LUBE OIL ENG PRESS	60	60					
GEAR BOX OIL PRESSURE	9	9					
LUBE OIL FILTER	65	65					
CONVERTER TEMP TC-1	427	484					
CONVERTER TEMP TC-2	741	751					
CYLINDER #1	946	957					
CYLINDER #2	961	956					
CYLINDER #3	956	956					
CYLINDER #4	942	991					
CYLINDER #5	1012	1005					
CYLINDER #6	995	1004					
AIR PRESSURE	210	215					
WATER MAKE-UP TANK	Full	Full					
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
CATERPILLAR G-1

ENGINE 1 OPERATOR _____ SHIFT _____ DATE 11/18/14

ENGINE TIMER: START _____ FINISH _____ TOTAL HOURS _____

LUBE OIL LEVEL ~ OIL ADDED TO ENGINE _____ AIR PRESSURE _____

	11/18	11/19	11/20	11/21						
HOUR	~~10 MIN~~	~~20 MIN~~	"	"						
DISCHARGE PRESSURE	556	568	"	"						
SUCTION PRESSURE	109	110	"	"						
ENGINE RPM'S	975	974	"							
ENGINE WATER PRESSURE	15	15	"	"						
ENGINE WATER TEMP	185	190	"	"						
HEAT EXCHANGER TEMP	148	148	"	"						
~~AIR/FUEL PRESS~~										
ENGINE OIL PRESSURE	68	70	"	"						
ENGINE OIL TEMP	205	200		"						
CONVERTER TEMP TC-1	893	894	"							
CONVERTER TEMP TC-2	823	825	"	"						
OXY. OUTPUT (mv)				"						

REMARK: _____

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Oil CHANGE

DATE 11/5/14

APCD PERMIT NUMBER 0082

LOCATION Ventura Station / HARBOR

MAKE Enterprise (G-3)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS ~~122~~ 12261

OPERATIONS PERFORMED

Oil & Filter CHANGE, HEAD & HEAD GASKET
#5 Cyc. AND Spark PLUGS

Air Filters

MECHANIC

DATE WORK COMPLETED 11/5/14

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Oil CHANGE

DATE 8/30/14

APCD PERMIT NUMBER 0082

LOCATION Ventura Station/HARBOR

MAKE Enterprise (G-3)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 11429

OPERATIONS PERFORMED

Oil CHANGE DUE TO WATER
SAMPLE REPORT # 120458007 97

MECHANIC

DATE WORK COMPLETED 8/30/14

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Air Filters

DATE 7/21/14

APCD PERMIT NUMBER 0082

LOCATION Ventura Station / Harboe

MAKE Enterprise (G-3)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 11016

OPERATIONS PERFORMED

Air Filters

MECHANIC _____

DATE WORK COMPLETED _____

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Clean

DATE 6/24/14

APCD PERMIT NUMBER 0082

LOCATION Ventura Station

MAKE Enterprise (G-3)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 10780

OPERATIONS PERFORMED

Cleaned converter plate, new gaskets and replaced O_2 sensors

MECHANIC [illegible]

DATE WORK COMPLETED 6/24/14

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Replaced

DATE 3/13/14

APCD PERMIT NUMBER 0082

LOCATION Ventura Station

MAKE Enterprise (G-3)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 9194

OPERATIONS PERFORMED

Replaced Air Cleaner Filters

MECHANIC Olivera

DATE WORK COMPLETED 3/13/14

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 11/5/14

APCD PERMIT NUMBER 0082

LOCATION: Ventura/Harbor

MAKE Enterprise

MODEL: 6SG-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 12261

NEXT INSPECTION HOURS DUE: ~~12261~~ 13701

INSPECTIONS PERFORMED

~~OIL ANALYSIS SAMPLE~~- Oil CHANGE

Comment: Head & Manifold CHANGE (WATER COOL)

INSPECT SPARK PLUGS- OK

Comment:

INSPECT ALL HOSES AND BELTS- OK

Comment:

MECHANIC [signature]

DATE WORK COMPLETED 11/5/14

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 5/22/2014

APCD PERMIT NUMBER 0982

LOCATION: Ventura/Harbor

MAKE Enterprise

MODEL: GSG-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 9386

NEXT INSPECTION HOURS DUE: 10826

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- Sample 120458007911

Comment: _____

INSPECT SPARK PLUGS- Replaced 3 spark plugs.

Comment: _____

INSPECT ALL HOSES AND BELTS- O.K.

Comment: _____

MECHANIC J Oliver

DATE WORK COMPLETED 5/22/2014

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 1/10/2014

APCD PERMIT NUMBER 0082

LOCATION: VENTURA/HARBOR

MAKE ENTERPRISE

MODEL: GSG-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 8046

NEXT INSPECTION HOURS DUE: 9486

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- Oil CHANGE & FILTERS

Comment:

INSPECT SPARK PLUGS- O.K.

Comment:

INSPECT ALL HOSES AND BELTS- O.K

Comment:

MECHANIC J Oliver

DATE WORK COMPLETED 1/10/14

LubeAnalyst

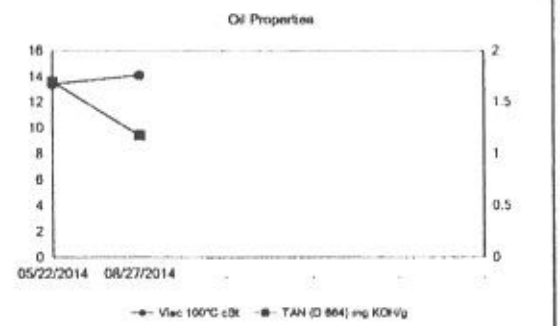
Sample Number	: 12045800797	**LubeAnalyst Number**	: 01275407/EGN01
Site Name	: CRIMSON PIPELINE/TORREY	CRIMSON PIPELINE/TORREY	
Equipment Ref ID	: Engine #3	210 N. 12th ST	
Equipment Description	: Enterprise GSG6	Santa Paula	
Component Ref ID	:	California	
Component Description	: Engine	93060	
Manuf./Model	: Enterprise Co/ GSG6	USA	
Lubricant Name	: Shell Mysella S3 N 40		

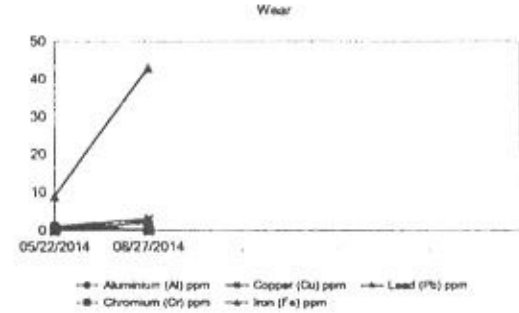
Focal point 1 : LubeAnalyst Customer Service — Focal point 1 phone : +18772518313

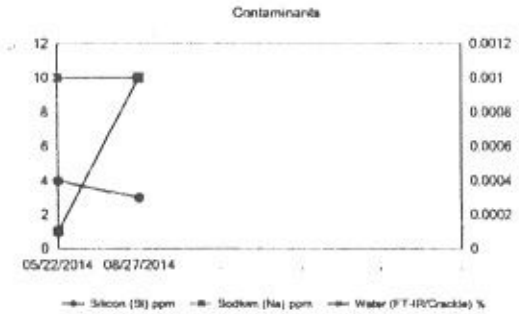
Shell Website : http://www.shell-lubeanalyst.shell.com/

Iron is at a SIGNIFICANT LEVEL. IRON SOURCE in engines can be cylinder liners, iron pistons, hardened steel camshafts, crankshafts, gears, hardened rocker arms, valve bridges, alloyed steel cam follower rollers, etc. We suggest that an Analytical Ferrogram be performed to clarify the type of wear and/or contamination that is present.

Sample Number	12045800791	**12045800797**	
Sample Condition	Normal	**Action**	
Sample Date	05/22/2014	**08/27/2014**	
Equipment Life	-	**0 Hours**	
Lubricant Life	-	**0 Hours**	
Top-up Volume	-	**-**	
Oil Drain	No	**No**	
Viscosity 100°C			
Visc 100°C cSt	13.4	**14.1**	
TAN (D 664)			
TAN (D 664) mg KOH/g	1.70	**1.18**	
TBN (D 4739)			
TBN (D 4739) mg KOH/g	4.19	**3.02**	
Water (FT-IR/Crackle)			
Water (FT-IR/Crackle) %	<0.1	**<0.1**	
FT-IR (Infra-Red) E 2412			
Oxidation (FT-IR) (abs cm^{-1})/0.1mm	7.00	**9.00**	
Nitration (FT-IR) (abs cm^{-1})/0.1mm	5.00	**7.00**	
Spectrometry (Oils)			
Iron (Fe) ppm	9		
Chromium (Cr) ppm	0	**0**	
Nickel (Ni) ppm	0	**0**	
Aluminium (Al) ppm	1	**0**	
Copper (Cu) ppm	1	**3**	
Lead (Pb) ppm	0	**2**	
Tin (Sn) ppm	0	**0**	
Cadmium (Cd) ppm	0	**0**	
Silver (Ag) ppm	0	**0**	
Titanium (Ti) ppm	0	**0**	
Vanadium (V) ppm	0	**0**	
Silicon (Si) ppm	4	**3**	
Sodium (Na) ppm	1	**10**	
Potassium (K) ppm	6	**0**	
Molybdenum (Mo) ppm	1	**2**	
Antimony (Sb) ppm	1	**0**	
Manganese (Mn) ppm	0	**0**	
Lithium (Li) ppm	0	**0**	
Boron (B) ppm	2	**3**	
Magnesium (Mg) ppm	14	**21**	
Calcium (Ca) ppm	1330	**1280**	
Barium (Ba) ppm	0	**0**	
Phosphorus (P) ppm	304	**326**	







Spectrometry (Oils)			
Zinc (Zn) ppm	377	413	

LubeAnalyst

Sample Number	: 12045800791	**LubeAnalyst Number**	: 01275407/EGN01
Site Name	: CRIMSON PIPELINE/TORREY	CRIMSON PIPELINE/TORREY	
Equipment Ref ID	: Engine #3	210 N. 12th ST	
Equipment Description	: Enterprise GSG6	Santa Paula	
Component Ref ID	:	California	
Component Description	: Engine	93060	
Manuf./Model	: Enterprise Co/ GSG6	USA	
Lubricant Name	: Shell Mysella S3 N 40		

6/2/2014

SHELL CONTACTS

Focal point 1 : LubeAnalyst Customer Service — Focal point 1 phone : +18772518313

Shell Website : http://www.shell-lubeanalyst.shell.com/

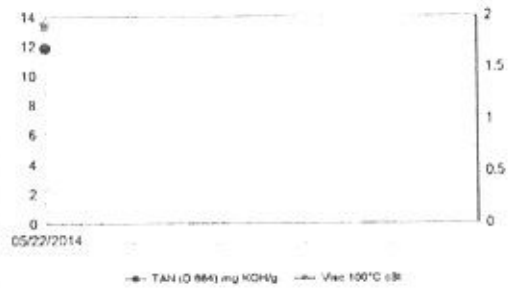
COMMENTS

Data indicates no abnormal findings. Resample at normal interval.

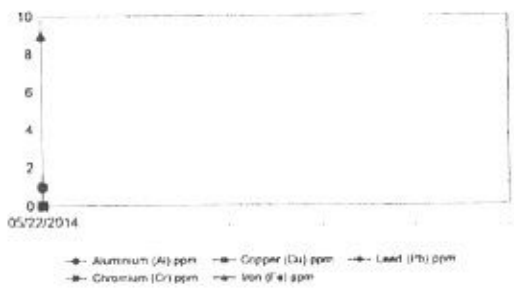
RESULTS

Sample Number	12045800791		
Sample Condition	Normal		
Sample Date	05/22/2014		
Equipment Life	-		
Lubricant Life	-		
Top-up Volume	-		
Oil Drain	No		
Viscosity 100°C			
Visc 100°C cSt	13.4		
TAN (D 664)			
TAN (D 664) mg KOH/g	1.70		
TBN (D 4739)			
TBN (D 4739) mg KOH/g	4.19		
Water (FT-IR/Crackle)			
Water (FT-IR/Crackle) %	<0.1		
FT-IR (Infra-Red) E 2412			
Oxidation (FT-IR) (abs cm^{-1})/0.1mm	7.00		
Nitration (FT-IR) (abs cm^{-1})/0.1mm	5.00		
Spectrometry (Oils)			
Iron (Fe) ppm	9		
Chromium (Cr) ppm	0		
Nickel (Ni) ppm	0		
Aluminium (Al) ppm	1		
Copper (Cu) ppm	1		
Lead (Pb) ppm	0		
Tin (Sn) ppm	0		
Cadmium (Cd) ppm	0		
Silver (Ag) ppm	0		
Titanium (Ti) ppm	0		
Vanadium (V) ppm	0		
Silicon (Si) ppm	4		
Sodium (Na) ppm	1		
Potassium (K) ppm	6		
Molybdenum (Mo) ppm	1		
Antimony (Sb) ppm	1		
Manganese (Mn) ppm	0		
Lithium (Li) ppm	0		
Boron (B) ppm	2		
Magnesium (Mg) ppm	14		
Calcium (Ca) ppm	1330		
Barium (Ba) ppm	0		
Phosphorus (P) ppm	304		

Oil Properties



Wear



Contaminants

Spectrometry (Oils)			
Zinc (Zn) ppm	377		