Crimson
Midstream, LLC

February 8, 2019

Dan Searcy
Manager Compliance Division
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

Via Certified Mail
Return Receipt Requested
Claim No. 7018 0680 0002 0160 5811

Subject: **2019 Title V Annual Compliance Certification**
Ventura Harbor Station, Facility ID 00082

Dear Mr. Searcy:

Enclosed is the Title V Annual Compliance Certification for Crimson California Pipeline, L.P.'s Ventura Harbor Station Facility ID 00082. This report covers the compliance period of January 1, 2018 through December 31, 2018.

Should any questions arise, please do not hesitate to contact Crimson Environmental at (562) 285-4040.

Respectfully,

Valerie Muller
Environmental Specialist

CC: Mr. Gerardo Rios, Chief, EPA Region 9

Enclosures: Title V Annual Compliance Certification 1/1/2018 – 12/31/2018

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	2/14/2019

Time Period Covered by Compliance Certification

1 / 31 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

Permit Attachment Form

Ventura County
Air Pollution
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PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Attachment # or Permit Condition #: Att. 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 71.2B4, 71.2C.1, 71.2D, 71.2E	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 6/13/2018.	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 #: Att. 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 were conducted 2/21/2018; 6/21/2018; 9/19/2018; and 11/27/2018. The integrity of the cover was verified. No leaks greater than 10,000 ppm were discovered.	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 #: Att. No. 74.9N3, Rules 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 Emissions testing conducted on 2/22/2018 (G3 only); 6/20/2018; 9/26/2018 (G3 only); 10/31/2018 (G1 only) and 12/20/2018. G-1 was exempt for Q1 of 2018 as per Rule 74.9B(5). The Biennial Source Test was last conducted on 1/13/2017.	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

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Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Attachment # or Permit Condition # Att. No. 40CFR63ZZZZN5	D. Frequency of monitoring: Every 1,440 hours or annually, whichever comes first
B. Description: RICE MACT for non-emergency 4SRB =< 500 HP oil and filter change maintenance.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Maintenance records, hours of operation.	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 # Att. No. PO0082PC1 - Cond. No. 1, Rule 26	D. Frequency of monitoring: Monthly
B. Description: Throughput and consumption limits.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Facility throughput and fuel consumption for engines and/or tanks recorded monthly.	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 # Att. No. PO0082PC1 - Cond. No. 2, Rule 26	D. Frequency of monitoring: Intermittent
B. Description: Combustion equipment shall burn only 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.	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

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A. Attachment # or Permit Condition #: Att. No. PO0082PC1 - Cond. No. 3, Rule 29	D. Frequency of monitoring: Monthly
B. Description: Solvent usage and exemptions.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: Safety data sheets and additional information of any solvents used during this compliance period obtained and reviewed. Usage of required solvents logged monthly.	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 #: Att. No. PO0082PC2, Rules 26 and 74.9	D. Frequency of monitoring: Quarterly
B. Description: BACT for Caterpillar Engine G-1 - 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: Biennial source test last conducted on 1/13/2017. Air:Fuel ratio controllers monitored on Engine Data Sheets.	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 #: Att. No. 50, Rule 50	D. Frequency of monitoring: Intermittent
B. Description: Opacity observation 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 conducted by AirX Testing Services, Inc. on 1/13/2017. Opacity surveillance and visual inspections of emissions conducted and recorded on fugitive emission log.	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

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Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Attachment # or Permit Condition #: Att. 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 combusted at this facility. No additional periodic monitoring required.	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 #: Att. No. 54.B.2, Rule 54.B.2	D. Frequency of monitoring: Intermittent
B. Description: Emission of sulfur compunds.	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 combusted at this facility.	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 #: Att. No. 55, Rule 55	D. Frequency of monitoring: Intermittent
B. Description: Fugitive Dust.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No dust generating activities were conducted at this facility during this compliance period.	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

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A. Attachment # or Permit Condition #: Att. No. 57.1, Rule 57.1	D. Frequency of monitoring: Intermittent
B. Description: Particulate matter emissions from fuel burning equipment.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: This facility does not have any fuel burning equipment such as boilers, steam generators, process heaters, water heaters, flares, and gas turbines. Internal combustion engines do not apply.	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 #: Att. 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 combusted at this facility. No periodic monitoring required.	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 #: Att. 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 reportable solvents used at this facility during this compliance period.	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

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A. Attachment # or Permit Condition #: Att. No. 74.10, Rule 74.10	D. Frequency of monitoring: Quarterly
B. Description: Fugitive leak and leak inspections.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: EPA Method 21
C. Method of monitoring: Quarterly component leak detection inspections conducted on 2/21/2018; 6/21/2018; 9/19/2018; and 11/27/2018. Routine surveillance at this unmanned facility recorded on fugitive emission log.	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 #: Att. No. 74.11.1, Rule 74.11.1	D. Frequency of monitoring: Intermittent
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: This 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): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Att. No. 74.22, Rule 74.22	D. Frequency of monitoring: Intermittent
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: This facility is not equipped with fan-type central furnaces.	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

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A. Attachment # or Permit Condition #: Att. 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: No abrasive blasting activities were conducted at this facility during this compliance period.	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 #: Att. No. 74.2, Rule 74.2	D. Frequency of monitoring: Intermittent
B. Description: Architectural coatings.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: N/A
C. Method of monitoring: No architectural coatings were applied at this facility during this compliance period.	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 #: Att. 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 this compliance period.	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

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Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Attachment # or Permit Condition #: Att. No. 74.29N3, 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 this compliance period.	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 #: Att. No. 40CFR.61.M, Rule 40 CFR Part 61, Subpart 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 this compliance period.	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 #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

Source Test Summary Form

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
Exempt per Rule 74.9B(5)	9 ppmv @ 15% O2	N/A	N/A

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
Exempt per Rule 74.9B(5)	1,000 ppmv @ 15% O2	N/A	N/A

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
18.3 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Testing Services, Inc.	2/22/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3,954 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	2/22/2018

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:

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A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.5 ppmv @ 15% O2	9 ppmv @ 15% O2	AirX Testing Services, Inc.	6/20/2018

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
759 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Testing Services, Inc.	6/20/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
11.9 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Testing Services, Inc.	6/20/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
104 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	6/20/2018

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:

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SOURCE TEST SUMMARY FORM

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A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
4.8 ppmv @ 15% O2	9 ppmv @ 15% O2	AirX Testing Services, Inc.	9/26/2018

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
246 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Testing Services, Inc.	9/26/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
23.0 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Testing Services, Inc.	10/31/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
277 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	10/31/2018

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:

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.2 ppmv @ 15% O2	9 ppmv @ 15% O2	AirX Testing Services, Inc.	12/20/2018

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
221 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Testing Services, Inc.	12/20/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			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	25 ppmv @ 15% O2	AirX Testing Services, Inc.	12/20/2018

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2,109 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	12/20/2018

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:

Attachment 71.2N3

Annual Tank Seal Inspection Report

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. 150305 **Permit No.** OOO82 **Inspection Date** 6/8/2018 **Time** 7:10am

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	Isaac Hernandez	**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** _____

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** 67 **Product Level** 10' - 4"

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 seals, 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)

The entire Secondary and Primary Apron is delaminated and is found with holes.

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. 150305 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 X Yes 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: Single 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. 150305 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		Yes	X	
2) Were any tears in the seals found?		No		Yes	X	
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. 150305 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.

6/8/2018 Beacon found 100% of the Primary Apron delaminated and with tears and holes
6/8/2018 Beacon found 100% of the Secondary Apron delamintated and with tears and holes
6/8/2018 Beacon found holes in the floating roof on top of the pontoons at the foam dam.
6/8/2018 Beacond found the Secondary Wiper Tip to be cracking and splitting
6/8/2018 Beacon found 1 Leg Sock with worn holes

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

Inspection completed by *signature* **Isaac Hernandez** ISAAC HERNANDEZ **IH001** Date **6/8/2018**

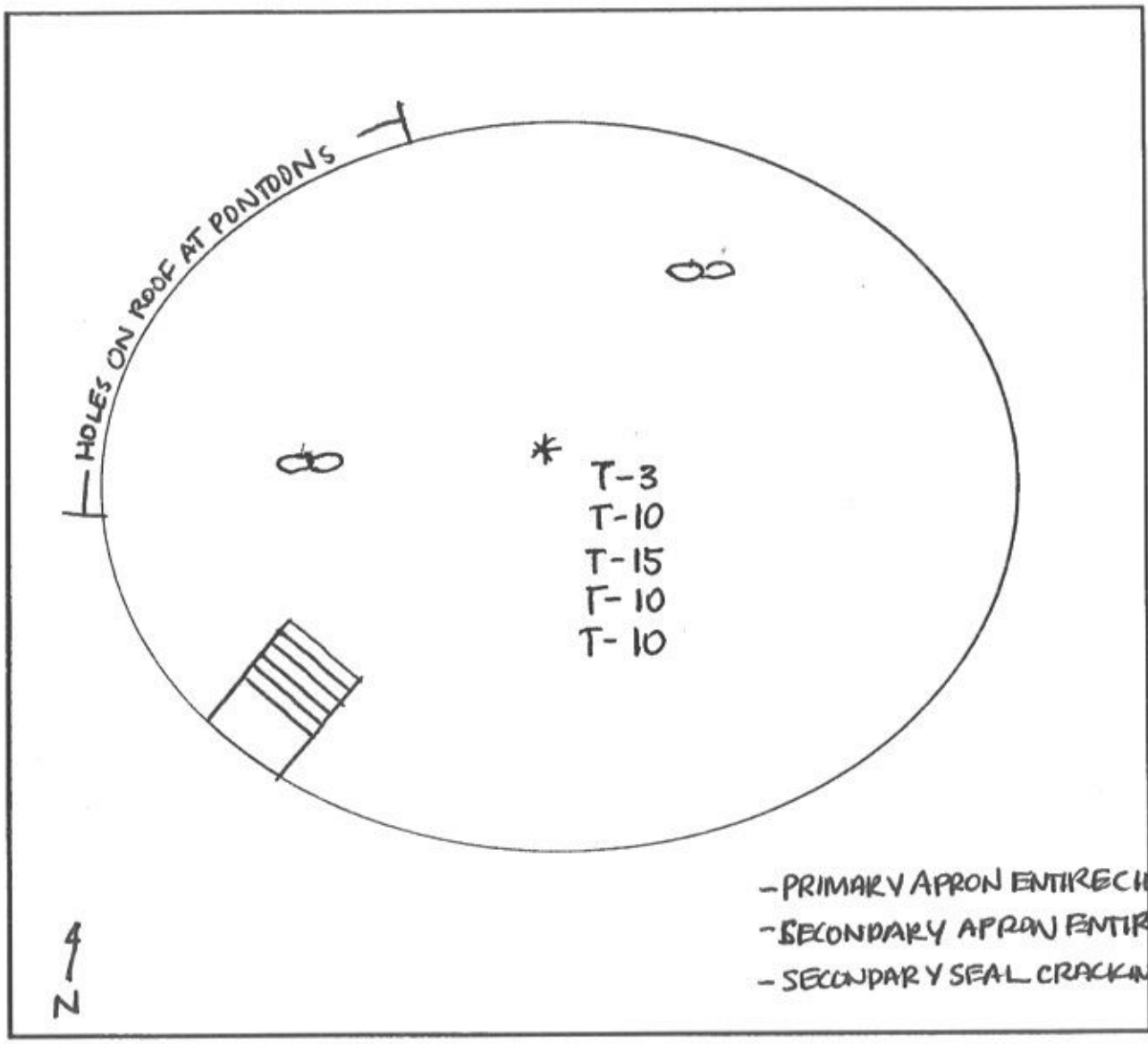
Compliance status by *signature* **Robert Hoppenrath** Cert ID **RH003** Date **6/8/2018**

Company Representative *signature* Cert ID Date

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.

BEACON ESI - TANK INSPECTION DIAGRAM

Facility	Crimson Pipeline - Ventura Harbor	**Inspector**	I. Hernandez
Tank Number	150305	**Date**	6/8/2018



	EQUIPMENT		DEFECTS
▭	Anti-Rotation Device	∿∿	Torn Seal
||||||||||	Ladder	[-P-]	Primary Seal Gap
O	Gauge Well	[-S-]	Secondary Seal Gap
T	Leg Stand		
X	Roof Drain		
*	Emergency Roof Drain		
⊂⊃	Vaccum Breaker		
△	Vent		

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. 150305 **Permit No.** OOO82 **Inspection Date** 6/13/2018 **Time** 4:00pm

Is this a Follow-up Inspection? Yes X No If yes, Date of Previous Inspection: **6/8/2018**

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	Tim Eggleston	**Title**	Supervisor		
Phone	805-525-6312				

B. **INSPECTION CONDUCTED BY:**

Name	Jose Macias	**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**					
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** 72 **Product Level** 10' - 4"

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 seals, 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)

None

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. 150305 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 X	Yes	NA
2) Are there liquid hydrocarbons on the roof?	No X	Yes	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: Single 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. 150305 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		Yes	X	

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. 150305 **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.

6/8/2018 12:00 - 6:00pm Beacon begins removal of the Secondary Seal (50% complete No product exposure)

6/9/2018 7:00am - 6:00pm Beacon completes Secondary Seal removal, begins to remove Primary Seal Channels and install new Carriage Bolts (75% complete No product exposure)

6/10/2018 7:00am - 6:00pm Beacon completes removal of Primary Seal Channels and installation of new Carriage Bolts. Begin installation of New Primary Apron over the existing apron (50% complete No product exposure) Patched holes on on roof at the pontoons with bolt down flat bar.

6/11/2018 7:00am - 6:00pm Beacon completes installation of Primary Seal Apron and Channels (No product exposure)

6/12/2018 7:00am - 6:00pm Beacon begins installation of new Secondary Seal (50% complete No product exposure)

6/13/2018 7:00am - 4:00pm Beacon completes installation of New Secondary Seal (No product exposure)

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*	**Jose Macias** JOSE MACIAS	Cert ID	**JM005**	Date	**6/13/2018**
Compliance status by *signature*	**Robert Hoppenrath**	Cert ID	**RH003**	Date	**6/13/2018**
Company Representative *signature*		Cert ID		Date	

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.

Attachment 71.4N1

Rule 74.10 Quarterly Component Leak Report

MONTROSE AIR QUALITY SERVICES

Ventura County APCD

Rule 74.10 Component Leak Report

Q1/2018

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

District ID 00082
Contact EH&S Department
(562) 285-4113

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 02/21/2018

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
Prepared by Montrose Air Quality Services, LLC

MONTROSE AIR QUALITY SERVICES

Ventura County APCD

Rule 74.10 Component Leak Report

Q2/2018

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

District ID 00082
Contact EH&S Department
(562) 285-4113

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 06/21/2018

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
Prepared by Montrose Air Quality Services, LLC

MONTROSE AIR QUALITY SERVICES

Ventura County APCD

Rule 74.10 Component Leak Report

Q3/2018

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

District ID 00082
Contact EH&S Department

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 09/19/2018

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
Prepared by Montrose Air Quality Services, LLC

MONTROSE AIR QUALITY SERVICES

Ventura County APCD

Rule 74.10 Component Leak Report

Q4/2018

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

District ID 00082
Contact EH&S Department

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 11/27/2018

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
Prepared by Montrose Air Quality Services, LLC

Attachment 74.9N3

Quarterly Emissions Screenings / Biennial Source Test

AIR Testing Services, Inc.

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

2/22/2018

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*64.4*	-
ppmv @ 15% O2	*18.3*	*25*
Carbon Monoxide (CO)		
ppmv	*13925*	-
ppmv @ 15% O2	*3954*	*4500*
Oxygen (O2), percent	*0.1*	-

Note: Reported values represent a 15 minute average.

CRIMSON CALIFORNIA

April 4, 2018

Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

VIA USPS PRIORITY MAIL
9114901496451814941528

SUBJECT: 2018 FIRST QUARTER EMISSION TESTING EXEMPTION
415 HP CATERPILLAR NG RICH BURN ENGINE
VENTURA HARBOR STATION #00082

To Whom It May Concern:

The following equipment was exempt from Rule 74.9B.5 quarterly emission testing requirements for the first quarter of 2018:

- 415 HP Caterpillar NG Rich Burn Engine, Ventura Harbor Station #00082

Per Rule 74.9B.5(b): "*the engine operated less than 32 hours in each of the three months of the applicable quarter, as measured by a non-resettable elapsed operating hour meter*".

The operating hours of the Caterpillar engine during the [quarter] quarter of [year] are as followed:

MONTH	HOURS
January	0
February	0
March	28
TOTAL	**28**

The remaining equipment was tested on February 22, 2018:

- Enterprise; Model GSG-8; 465 BHP; S/N 54050; Equipped with catalytic converter.

The above mentioned quarterly emission testing report was submitted by Crimson's contractor, AirX Testing Services, Inc. Should you have any questions, feel free to contact Crimson Environmental at (562) 285-4040 or environmental@crimsonpl.com.

Respectfully,

L Vlk

Laura Vlk
EH&S Specialist

Pipeline SMS

AIRX Testing Services, Inc.

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

6/20/2018

			Allowable
Oxides of Nitrogen (NOx)			
	ppmv	*41.8*	-
	ppmv @ 15% O2	*11.9*	*25*
Carbon Monoxide (CO)			
	ppmv	*366*	-
	ppmv @ 15% O2	*104*	*4500*
Oxygen (O2),	percent	*0.2*	-

Note: Reported values represent a 15 minute average.

AIRX Testing Services, Inc.

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

6/20/2018

			Allowable
Oxides of Nitrogen (NOx)			
	ppmv	*12.5*	-
	ppmv @ 15% O2	*3.5*	*9*
Carbon Monoxide (CO)			
	ppmv	*2682*	-
	ppmv @ 15% O2	*759*	*1000*
Oxygen (O2),	percent	*0.0*	-

Note: Reported values represent a 15 minute average.

AIR Testing Services, Inc.

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

10/31/2018

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	***79.6***	-
ppmv @ 15% O2	***23.0***	***25***
Carbon Monoxide (CO)		
ppmv	***956***	-
ppmv @ 15% O2	***277***	***4500***
Oxygen (O2), percent	***0.5***	-

Note: Reported values represent a 6 minute average.

AIR TESTING SERVICES, INC.

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

9/26/2018

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*17.1*	-
ppmv @ 15% O2	*4.8*	*25*
Carbon Monoxide (CO)		
ppmv	*871*	-
ppmv @ 15% O2	*246*	*4500*
Oxygen (O2), percent	*0.0*	-

Note: Reported values represent a 15 minute average.

AIRX Testing Services, Inc.

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

12/20/2018

			Allowable
Oxides of Nitrogen (NOx)			
	ppmv	*19.9*	-
	ppmv @ 15% O2	*5.6*	*25*
Carbon Monoxide (CO)			
	ppmv	*7459*	-
	ppmv @ 15% O2	*2109*	*4500*
Oxygen (O2),	percent	*0.0*	-
Opacity, %		**0.0**	**10%**

Note: Reported values represent a 15 minute average.

AIR TESTING SERVICES, INC.

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

12/20/2018

			Allowable
Oxides of Nitrogen (NOx)			
	ppmv	*11.4*	-
	ppmv @ 15% O2	*3.2*	*9*
Carbon Monoxide (CO)			
	ppmv	*783*	-
	ppmv @ 15% O2	*221*	*1000*
Oxygen (O2),	percent	*0.0*	-
Opacity, %		**0.0**	**10%**

Note: Reported values represent a 15 minute average.

40 CFR 63ZZZZN7

Maintenance Records and Hours of Operations

CRIMSON PIPELINE

ENGINE SERVICE REPORT

LOCATION: ☐ Torrey #00385
☒ Ventura Harbor #00082

A. ENGINE INFORMATION

ENGINE: ☐ G-1 Enterprise GSG-6
☐ G-2 Enterprise GSG-6
☒ G-3 Enterprise GSG-6
☐ G-1 Caterpillar G-379

TYPE: Natural Gas

ENGINE HOURS: 25469

TYPE OF SERVICE: REPAIR

B. MAINTENANCE/SERVICE PERFORMED

- CHANGED HEAD & HEAD GASKETS ON NUMBER 1,2,5 CYLINDERS AND EXHUST MANIFOLD ON THE FRONT OF THE ENGINE.

- REPLACED CONVERTOR PLATE

INSPECTED BY: [signature]

DATE: 10/31/18

CRIMSON PIPELINE

ENGINE SERVICE REPORT

LOCATION: ☐ Torrey #00385
☒ Ventura Harbor #00082

A. ENGINE INFORMATION

ENGINE: ☐ G-1 Enterprise GSG-6
☐ G-2 Enterprise GSG-6
☒ G-3 Enterprise GSG-6
☐ G-1 Caterpillar G-379

TYPE: Natural Gas

ENGINE HOURS: 24443

TYPE OF SERVICE: REPLACE

B. MAINTENANCE/SERVICE PERFORMED

NEW O_2 SENSORS AND AIR FILTERS

INSPECTED BY: Joe

DATE: 5/18/18

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1
☒ Enterprise G-3

A. ENGINE TIMER

START DATE: 1-1-18 FINISH DATE: 1-7-18

ENGINE HOUR: 23260 ENGINE HOUR: 23348

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)				578	592	573	
SUCTION PRESSURE (psi)				124	121	115	
ENGINE RPM'S				386	372	370	
JACKET WATER PRESURE (psi)				27	27	27	
JACKET WATER TEMP (°F)				183	177	171	
HEAT EXCHANGER TEMP (°F)				148	142	136	
INBOARD BEARING TEMP (°F)				129	124	122	
OUTBOARD BEARING TEMP (°F)				156	151	152	
FRONT AIR/FUEL PRESSURE (psi)				.182	.221	.184	
REAR AIR/FUEL PRESSURE (psi)				.758	.751	.752	
LUBE OIL LEVEL				3/8	3/8	3/8	
OIL ADDED TO ENGINE (gal)				10 qt	12	—	
LUBE OIL ENG PRESS (psi)				61	60	60	
GEAR BOX OIL PRESSURE (psi)				7	8	8	
LUBE OIL FILTER				65	65	64	
CONVERTER TEMP TC-1 (°F)				725	722	748	
CONVERTER TEMP TC-2 (°F)				740	727	759	
CYLINDER #1 (°F)				1033	1021	1027	
CYLINDER #2 (°F)				1035	1034	1041	
CYLINDER #3 (°F)				990	977	973	
CYLINDER #4 (°F)				1019	989	989	
CYLINDER #5 (°F)				1035	1018	1021	
CYLINDER #6 (°F)				1057	1035	1049	
AIR PRESSURE (psi)				220	220	210	
WATER MAKE-UP TANK LEVEL			F	Full	Full	Full	
GAS METER READING				—	—	—	
INITIAL:		BR		SR	SR	[illegible]	[illegible]
DATE:		1-2-18		1-4-18	1-5	1-6	1-7

ZBW

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1

☒ ~~Enterprise G-3~~

A. ENGINE TIMER

START DATE: 2-4-18 FINISH DATE: 2-11-18

ENGINE HOUR: 23581 ENGINE HOUR: 23640

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		451		436			
SUCTION PRESSURE (psi)		111		100			
ENGINE RPM'S		370		349			
JACKET WATER PRESURE (psi)		27		25			
JACKET WATER TEMP (°F)		170		168			
HEAT EXCHANGER TEMP (°F)		132		130			
INBOARD BEARING TEMP (°F)		117		115			
OUTBOARD BEARING TEMP (°F)		145		140			
FRONT AIR/FUEL PRESSURE (psi)		.165		.122			
REAR AIR/FUEL PRESSURE (psi)		.160		.762			
LUBE OIL LEVEL		1/2		3/8			
OIL ADDED TO ENGINE (gal)		-		2 gal			
LUBE OIL ENG PRESS (psi)		60		60			
GEAR BOX OIL PRESSURE (psi)		10		8			
LUBE OIL FILTER		65		65			
CONVERTER TEMP TC-1 (°F)	D	755	D	715	D	D	D
CONVERTER TEMP TC-2 (°F)	D	718	D	713	D	D	D
CYLINDER #1 (°F)	W	1010	W	1001	W	W	W
CYLINDER #2 (°F)	N	1004	N	1002	N	N	N
CYLINDER #3 (°F)		968		955			
CYLINDER #4 (°F)		1004		988			
CYLINDER #5 (°F)		1011		984			
CYLINDER #6 (°F)		1035		1012			
AIR PRESSURE (psi)		200		210			
WATER MAKE-UP TANK LEVEL		Full		Full			
GAS METER READING		-		-			
INITIAL:	SA	JO	JS	JP	JP	JP	JP
DATE:	2-5-18	2/6	2-7	2-8	2-9	2-10	2-11

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1

~~☐~~ Enterprise G-3

A. ENGINE TIMER

START DATE: 3-5-18 FINISH DATE: 3-11-18

ENGINE HOUR: 23820 ENGINE HOUR: 23894

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		468				445	
SUCTION PRESSURE (psi)		110				111	
ENGINE RPM'S		358				345	
JACKET WATER PRESURE (psi)		25				26	
JACKET WATER TEMP (°F)		168				169	
HEAT EXCHANGER TEMP (°F)		136				135	
INBOARD BEARING TEMP (°F)		120				116	
OUTBOARD BEARING TEMP (°F)		149				144	
FRONT AIR/FUEL PRESSURE (psi)		.049				.030	
REAR AIR/FUEL PRESSURE (psi)		.768				.776	
LUBE OIL LEVEL	D	3/8	D	D	D	3/8	D
OIL ADDED TO ENGINE (gal)		10gal				6	0
LUBE OIL ENG PRESS (psi)	D	61	D	D	D	61	
GEAR BOX OIL PRESSURE (psi)		8		W	W	8	W
LUBE OIL FILTER	W	65	W			65	
CONVERTER TEMP TC-1 (°F)		727		N	N	757	N
CONVERTER TEMP TC-2 (°F)	N	722	N			717	
CYLINDER #1 (°F)		947				920	
CYLINDER #2 (°F)		968				998	
CYLINDER #3 (°F)		954				973	
CYLINDER #4 (°F)		1011				1010	
CYLINDER #5 (°F)		1016				1020	
CYLINDER #6 (°F)		1032				1026	
AIR PRESSURE (psi)		210				210	
WATER MAKE-UP TANK LEVEL		FULL				FULL	
GAS METER READING		—				—	
INITIAL:	[illegible]	JP	JP	JP	JP	[illegible]	[illegible]
DATE:	3-5-18	3-6	3-7	3-8	3-9	3-10	3-11

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☒ Caterpillar G-1 ☐ Enterprise G-3

A. ENGINE TIMER

START DATE: 4-2-18 FINISH DATE: 4-8-18

ENGINE HOUR: 7581 ENGINE HOUR: 7608

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		397			384		
SUCTION PRESSURE (psi)		110	"	"	116	"	"
ENGINE RPM'S		1013			891		
JACKET WATER PRESURE (psi)		160	"	"	75	"	"
JACKET WATER TEMP (°F)		190			190		
HEAT EXCHANGER TEMP (°F)		145	"		150	"	"
INBOARD BEARING TEMP (°F)				"			
OUTBOARD BEARING TEMP (°F)			"	"		"	"
FRONT AIR/FUEL PRESSURE (psi)					483		
REAR AIR/FUEL PRESSURE (psi)					488		
LUBE OIL LEVEL		½			½		
OIL ADDED TO ENGINE (gal)		0			0		
LUBE OIL ENG PRESS (psi)		80			40		
GEAR BOX OIL PRESSURE (psi)					40		
LUBE OIL FILTER							
CONVERTER TEMP TC-1 (°F)		818			705		
CONVERTER TEMP TC-2 (°F)		765			697		
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)		190			210		
WATER MAKE-UP TANK LEVEL		Full			Full		
GAS METER READING		—			—		
INITIAL:		SP	SP	SP	SP	SP	SP
DATE:		4-3	4-4	4-5	4-6	4-7	4-8

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1
☑ Enterprise G-3

A. ENGINE TIMER

START DATE: 5-7-18 FINISH DATE: 5/13/18

ENGINE HOUR: 24316 ENGINE HOUR: 24384

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No
If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)			453	461			
SUCTION PRESSURE (psi)			104	104			
ENGINE RPM'S			358	359			
JACKET WATER PRESURE (psi)			25	26			
JACKET WATER TEMP (°F)			169	172			
HEAT EXCHANGER TEMP (°F)			135	140			
INBOARD BEARING TEMP (°F)			115	120			
OUTBOARD BEARING TEMP (°F)			129	143			
FRONT AIR/FUEL PRESSURE (psi)			+.180	+.036			
REAR AIR/FUEL PRESSURE (psi)			+.214	+.213			
LUBE OIL LEVEL	D	D	3/8	3/8			
OIL ADDED TO ENGINE (gal)	0	0	0	0			
LUBE OIL ENG PRESS (psi)			60	60			
GEAR BOX OIL PRESSURE (psi)			10	8			
LUBE OIL FILTER	W	W	65	65			
CONVERTER TEMP TC-1 (°F)			905	925			
CONVERTER TEMP TC-2 (°F)	N	N	742	751	D	D	D
CYLINDER #1 (°F)			1030	1025	O	O	O
CYLINDER #2 (°F)			1005	1024	W	W	W
CYLINDER #3 (°F)			970	964	W	W	W
CYLINDER #4 (°F)			976	989			
CYLINDER #5 (°F)			978	980			
CYLINDER #6 (°F)			776	780			
AIR PRESSURE (psi)			220	220			
WATER MAKE-UP TANK LEVEL			FULL	FULL			
GAS METER READING			—	—			
INITIAL:	JP	JP	JP	JP	JO	JO	JP
DATE:	5-7	5-9	5-9	5-10	5/11	5/12	5/13

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1 ☑ Enterprise G-3

A. ENGINE TIMER

START DATE: 6/4/18 FINISH DATE: 6/10/18

ENGINE HOUR: 24559 ENGINE HOUR: 24573

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)							
SUCTION PRESSURE (psi)							
ENGINE RPM'S							
JACKET WATER PRESURE (psi)							
JACKET WATER TEMP (°F)							
HEAT EXCHANGER TEMP (°F)							
INBOARD BEARING TEMP (°F)							
OUTBOARD BEARING TEMP (°F)							
FRONT AIR/FUEL PRESSURE (psi)							
REAR AIR/FUEL PRESSURE (psi)							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE (gal)							
LUBE OIL ENG PRESS (psi)							
GEAR BOX OIL PRESSURE (psi)							
LUBE OIL FILTER							
CONVERTER TEMP TC-1 (°F)	D	D	D	D	D	D	D
CONVERTER TEMP TC-2 (°F)	O	O	O	O	O	O	O
CYLINDER #1 (°F)	W	W	W	W	W	W	W
CYLINDER #2 (°F)	N	N	N	N	N	N	N
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)							
WATER MAKE-UP TANK LEVEL							
GAS METER READING							
INITIAL:	JO	CH	JP	CH	JP	CS	CS
DATE:	6/4	6/5	6/6	6/7	6/8	6·9	6·10

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1
☒ Enterprise G-3

A. ENGINE TIMER

START DATE: 7/2/18 FINISH DATE: 7/8/18

ENGINE HOUR: 24814 ENGINE HOUR: 24827

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No
If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)							
SUCTION PRESSURE (psi)							
ENGINE RPM'S							
JACKET WATER PRESURE (psi)							
JACKET WATER TEMP (°F)							
HEAT EXCHANGER TEMP (°F)							
INBOARD BEARING TEMP (°F)							
OUTBOARD BEARING TEMP (°F)							
FRONT AIR/FUEL PRESSURE (psi)							
REAR AIR/FUEL PRESSURE (psi)							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE (gal)							
LUBE OIL ENG PRESS (psi)							
GEAR BOX OIL PRESSURE (psi)				D	D	D	D
LUBE OIL FILTER				O	O	O	O
CONVERTER TEMP TC-1 (°F)				W	W	W	W
CONVERTER TEMP TC-2 (°F)				N	N	N	N
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)							
WATER MAKE-UP TANK LEVEL							
GAS METER READING							
INITIAL:	SP	CH		JO	JP	JP	JP
DATE:	7-2	7-3		7/5	7/6	7/7	7/8

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1 ☑ Enterprise G-3

A. ENGINE TIMER

START DATE: 8/6/18 FINISH DATE: 8/12/18

ENGINE HOUR: 25104 ENGINE HOUR: 25159

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)				428.8	431.3		
SUCTION PRESSURE (psi)				108.9	107.6		
ENGINE RPM'S				339	342		
JACKET WATER PRESURE (psi)				24	24		
JACKET WATER TEMP (°F)				176.1	174.3		
HEAT EXCHANGER TEMP (°F)				142	140		
INBOARD BEARING TEMP (°F)				122.8	123.6		
OUTBOARD BEARING TEMP (°F)				148.2	148		
FRONT AIR/FUEL PRESSURE (psi)				.504	.504		
REAR AIR/FUEL PRESSURE (psi)				.503	.503		
LUBE OIL LEVEL				3/4	3/4		
OIL ADDED TO ENGINE (gal)				0	0		
LUBE OIL ENG PRESS (psi)	D	D	D	59	59		
GEAR BOX OIL PRESSURE (psi)	0	0	0	8	8	D	D
LUBE OIL FILTER	W	W	W	63	63	0	0
CONVERTER TEMP TC-1 (°F)	N	N	N	862	866	"	"
CONVERTER TEMP TC-2 (°F)				694	685	"	"
CYLINDER #1 (°F)				992	984		
CYLINDER #2 (°F)				974	984		
CYLINDER #3 (°F)				963	960		
CYLINDER #4 (°F)				980	960		
CYLINDER #5 (°F)				968	962		
CYLINDER #6 (°F)				964	946		
AIR PRESSURE (psi)				215	215		
WATER MAKE-UP TANK LEVEL	Full			Full	Full		
GAS METER READING		J		x	x		
INITIAL:	CH	SP	CH	CH	CH	DM	DM
DATE:	8/6/18	8/7/18	8/8/18			8-11-18	8/12/18

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1
☑ Enterprise G-3

A. ENGINE TIMER

START DATE: 9/4/18 FINISH DATE: 9/9/18

ENGINE HOUR: 25340 ENGINE HOUR: 25404

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No
If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)			352	340	335	395	348 350
SUCTION PRESSURE (psi)		0	111		112	111	112
ENGINE RPM'S		0	321	0	289	320	318
JACKET WATER PRESURE (psi)		10	25		25	20	20
JACKET WATER TEMP (°F)		N	106	W	113	160	155
HEAT EXCHANGER TEMP (°F)			115	N	100	140	138
INBOARD BEARING TEMP (°F)			82		89	120	119
OUTBOARD BEARING TEMP (°F)			85		86	143	144
FRONT AIR/FUEL PRESSURE (psi)			.501		.504	.503	.504
REAR AIR/FUEL PRESSURE (psi)			.501		.504	.503	.503
LUBE OIL LEVEL			3/4		1/2	1/2	1/2
OIL ADDED TO ENGINE (gal)			2 GAL		0	—	—
LUBE OIL ENG PRESS (psi)			60		60	58	60
GEAR BOX OIL PRESSURE (psi)			20		15	7	9
LUBE OIL FILTER			65		65	63	65
CONVERTER TEMP TC-1 (°F)			357		160	759	757
CONVERTER TEMP TC-2 (°F)			525		437	620	619
CYLINDER #1 (°F)			910		910	905	910
CYLINDER #2 (°F)			915		915	828	912
CYLINDER #3 (°F)			925		875	946	943
CYLINDER #4 (°F)			887		889	947	945
CYLINDER #5 (°F)			910		890	954	950
CYLINDER #6 (°F)			910		905	953	956
AIR PRESSURE (psi)			215		215	205	205
WATER MAKE-UP TANK LEVEL			Full		Full	FULL	FULL
GAS METER READING			—		—	—	—
INITIAL:		SP	SP	SP	SP	CS	CS
DATE:		9/4	9/5	9/6	9/7	9.8	9.9

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☑ Caterpillar G-1 ☐ Enterprise G-3

A. ENGINE TIMER

START DATE: 10/1/18 FINISH DATE: _____

ENGINE HOUR: 07727 ENGINE HOUR: _____

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No

If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		359					
SUCTION PRESSURE (psi)		060					
ENGINE RPM'S							
JACKET WATER PRESURE (psi)		15					
JACKET WATER TEMP (°F)		80					
HEAT EXCHANGER TEMP (°F)		125					
INBOARD BEARING TEMP (°F)							
OUTBOARD BEARING TEMP (°F)							
FRONT AIR/FUEL PRESSURE (psi)	"	.505	"	"	"	"	"
REAR AIR/FUEL PRESSURE (psi)	"	.503	"	"		"	"
LUBE OIL LEVEL	0	Full	0	0	0	0	0
OIL ADDED TO ENGINE (gal)		[illegible]				0	0
LUBE OIL ENG PRESS (psi)	W	80	W	W	W		W
GEAR BOX OIL PRESSURE (psi)			W	W	W		
LUBE OIL FILTER	W						
CONVERTER TEMP TC-1 (°F)		459					
CONVERTER TEMP TC-2 (°F)		570					
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)		210					
WATER MAKE-UP TANK LEVEL		Full					
GAS METER READING		—					
INITIAL:	JH	JP	JP	CH	CH	JD	JD
DATE:	10/1	10/2	10/3	10/4	10/5	10/6	10/7

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☒ Caterpillar G-1
☒ Enterprise G-3

A. ENGINE TIMER

START DATE: 11/4/2018 FINISH DATE: 11/11/18

ENGINE HOUR: ~~7~~ 25516 ENGINE HOUR: 25544

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No
If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)				406			
SUCTION PRESSURE (psi)				109			
ENGINE RPM'S				324			
JACKET WATER PRESURE (psi)				25			
JACKET WATER TEMP (°F)				175			
HEAT EXCHANGER TEMP (°F)				135			
INBOARD BEARING TEMP (°F)				115			
OUTBOARD BEARING TEMP (°F)				140			
FRONT AIR/FUEL PRESSURE (psi)				844			
REAR AIR/FUEL PRESSURE (psi)				836			
LUBE OIL LEVEL				1/2			
OIL ADDED TO ENGINE (gal)				20qt			
LUBE OIL ENG PRESS (psi)				60			
GEAR BOX OIL PRESSURE (psi)	D	D	D	7	D	D	D
LUBE OIL FILTER	O	O	O	65	O	O	O
CONVERTER TEMP TC-1 (°F)	W	W	W	778	W	W	W
CONVERTER TEMP TC-2 (°F)	N	N	N	647	N	N	N
CYLINDER #1 (°F)				897			
CYLINDER #2 (°F)				885			
CYLINDER #3 (°F)				859			
CYLINDER #4 (°F)				956			
CYLINDER #5 (°F)				958			
CYLINDER #6 (°F)				944			
AIR PRESSURE (psi)				210			
WATER MAKE-UP TANK LEVEL	Full			Full			
GAS METER READING				—			
INITIAL:	CH	JP	JP	JP	CH	CH	CH
DATE:	11/5/18	11/6/18	11/7	11/8	11/9/18	11/10/18	11/11/18

CRIMSON PIPELINE

ENGINE DATA SHEET

LOCATION: V. Harbor #00082 ENGINE: ☐ Caterpillar G-1
☒ Enterprise G-3

A. ENGINE TIMER

START DATE: 12/3/2018 FINISH DATE: 12/9/18

ENGINE HOUR: 25734 ENGINE HOUR: 25738

Within 200 hrs or 1 week of next required oil & filter change? ☐ Yes ☐ No
If yes, notify Maintenance Lead

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)			417.1				
SUCTION PRESSURE (psi)			106.5				
ENGINE RPM'S			336				
JACKET WATER PRESURE (psi)			23				
JACKET WATER TEMP (°F)			173.8				
HEAT EXCHANGER TEMP (°F)			115				
INBOARD BEARING TEMP (°F)			116.3				
OUTBOARD BEARING TEMP (°F)			142.7				
FRONT AIR/FUEL PRESSURE (psi)			.852				
REAR AIR/FUEL PRESSURE (psi)			.178				
LUBE OIL LEVEL			1/2				
OIL ADDED TO ENGINE (gal)	D	D	26				
LUBE OIL ENG PRESS (psi)	O	O	60				
GEAR BOX OIL PRESSURE (psi)	W	W	10		D	D	D
LUBE OIL FILTER	N	N	65		O	O	O
CONVERTER TEMP TC-1 (°F)		[illegible]	820		W	W	W
CONVERTER TEMP TC-2 (°F)		[illegible]	699		N	N	N
CYLINDER #1 (°F)			911				
CYLINDER #2 (°F)			917				
CYLINDER #3 (°F)			933				
CYLINDER #4 (°F)			961				
CYLINDER #5 (°F)			962				
CYLINDER #6 (°F)			964				
AIR PRESSURE (psi)			215				
WATER MAKE-UP TANK LEVEL			Full				
GAS METER READING			–				
INITIAL:	CH	CH	CH		CH	CS	CS
DATE:	12/3/18	12/4	12/5/18		12/7/18	12·8	12·9

CRIMSON PIPELINE

ENGINE HOUR REPORT

40 CFR 63 SUBPART ZZZZ

LOCATION: ☐ Torrey #00385

Inspection Interval: 2,160 hrs / annually

☒ Ventura Harbor #00082

Inspection Interval: 1,440 hrs / annually

A. ENGINE INFORMATION

ENGINE: ☐ G-1 Enterprise G-SG6
☐ G-2 Enterprise G-SG6
☐ G-3 Enterprise G-SG6
☒ G-1 Caterpillar G-379

TYPE: Natural Gas

DATE: 1/29/18
ENGINE HOURS: 7549
NEXT INSPECTION HOURS: 8989
OR ANNUALLY ON: 1/29/19
(whichever comes first)

B. INSPECTION

1. ENGINE OIL

Oil Analysis Sample: ☐ Good ☒ Changed
Filter: ☐ Good ☐ Changed

Comments:

2. SPARK PLUGS ☒ Good ☐ Replaced

Comments:

3. HOSES AND BELTS ☒ Good ☐ Replaced

Comments:

INSPECTED BY: [signature]

DATE: 1/29/18

CRIMSON PIPELINE

ENGINE HOUR REPORT

40 CFR 63 SUBPART ZZZZ

LOCATION: ☐ Torrey #00385

Inspection Interval: 2,160 hrs / annually

☐ Ventura Harbor #00082

Inspection Interval: 1,440 hrs / annually

A. ENGINE INFORMATION

ENGINE: ☐ G-1 Enterprise G-SG6
☐ G-2 Enterprise G-SG6
☑ G-3 Enterprise G-SG6
☐ G-1 Caterpillar G-379

TYPE: Natural Gas

DATE: 5/18/18

ENGINE HOURS: 24443

NEXT INSPECTION HOURS: 25883

OR ANNUALLY ON: 5/18/19
(whichever comes first)

B. INSPECTION

1. ENGINE OIL

Oil Analysis Sample: ☐ Good ☒ Changed

Filter: ☒ Good ☐ Changed

Comments:

2. SPARK PLUGS ☐ Good ☑ Replaced

Comments: REPLACED 3 PLUGS

3. HOSES AND BELTS ☒ Good ☐ Replaced

Comments:

INSPECTED BY: [signature]

DATE: 5/18/18

CRIMSON PIPELINE

ENGINE HOUR REPORT

40 CFR 63 SUBPART ZZZZ

LOCATION: ☐ Torrey #00385
Inspection Interval: 2,160 hrs / annually
☒ Ventura Harbor #00082
Inspection Interval: 1,440 hrs / annually

Directions: Engine Hour Report must be completed within one year from the last inspection OR at the next required engine hour, **whichever comes first.** This includes, but is not limited to, oil & filter change and the inspection of spark plugs, hoses, and belts.

A. ENGINE INFORMATION

TYPE: Natural Gas

ENGINE:
☐ G-1 Enterprise G-SG6
☐ G-2 Enterprise G-SG6
☒ G-3 Enterprise G-SG6
☐ G-1 Caterpillar G-379

DATE: 10/31/18

ENGINE HOUR: 25469

NEXT REQUIRED INSPECTION

NEXT ANNUAL INSPECTION: 10/31/19

NEXT ENGINE HR INSPECTION: 26909

B. INSPECTION

1. ENGINE OIL

a) Oil: May either be changed or sampled at the time of required inspection.

☒ Changed ☐ Sampled - Date Report Received: _____

Oil Change Required: ☐ Yes ☐ No

Date oil changed: _____

IF SAMPLED:

Pull sample and submit to laboratory.
When analysis report received: record date received and attach analysis report to form
If oil change is required per the analysis report:
- Oil must be changed within 2 days from when analysis report was received.
- If engine is NOT in operation when analysis report was received, oil must be changed within 2 days from when the report was received OR prior to operating the engine, whichever is later.

b) Filter: ☐ Good ☒ Changed

Comments: WATER IN LUBE OIL

2. SPARK PLUGS ☒ Good ☐ Replaced

Comments: _____

3. HOSES AND BELTS ☒ Good ☐ Replaced

Comments: _____

INSPECTED BY: _____ **DATE:** 10/31/18

Attachment P00386PC1

Monthly Throughput and Facility Fuel Consumption

Crimson Midstream, LLC

HARBOR STATION FUEL USE & SEALS IN OPERATION 2018

MONTH	FUEL (CUBIC FEET) G1	YEAR %	FUEL (CUBIC FEET) G2	YEAR %	FUEL USE TOTAL (CUBIC FEET)	BBLS. TANK THROUGHPUT	HOURS G1	YEAR %	HOURS G3	YEAR %	HOURS TOTAL	SOLVENT (GALLONS)	**PAINT (GALLONS)	HOURS TOTAL	SEALS IN OP YEAR %	BBLS. TANK THROUGHPUT	1000 GAL THROUGHPUT YEAR %	1000 GAL THROUGHPUT YEAR
JAN	0	0.00%	680,100	12.79%	680,100	162,995	0	0.00%	302	9.97%	302	0	0	302	9.97%	162,995	7.95%	6,845.8
FEB	0	0.00%	484,800	9.12%	484,800	143,128	0	0.00%	223	7.36%	223	0	0	223	7.36%	143,128	6.98%	6,011.4
MAR	62,190	7.80%	521,110	9.80%	583,300	182,693	29	0.96%	243	8.03%	272	0	0	272	8.98%	182,693	8.91%	7,673.1
APR	115,625	14.50%	460,275	8.65%	575,900	188,492	52	1.72%	207	6.84%	259	0	0	259	8.55%	188,492	9.19%	7,916.7
MAY	0	0.00%	693,300	13.04%	693,300	221,803	0	0.00%	305	10.07%	305	0	0	305	10.07%	221,803	10.82%	9,315.7
JUN	2,173	0.27%	532,327	10.01%	534,500	177,426	1	0.03%	245	8.09%	246	0	0	246	8.12%	177,426	8.65%	7,451.9
JUL	0	0.00%	477,400	8.98%	477,400	168,064	0	0.00%	267	8.82%	267	0	0	267	8.82%	168,064	8.20%	7,058.7
AUG	0	0.00%	530,800	9.98%	530,800	189,650	0	0.00%	288	9.51%	288	0	0	288	9.51%	189,650	9.25%	7,965.3
SEP	196,838	24.68%	200,262	3.77%	397,100	162,522	115	3.80%	117	3.86%	232	0	0	232	7.66%	162,522	7.93%	6,825.9
OCT	304,722	38.20%	53,578	1.01%	358,300	165,750	182	6.01%	32	1.06%	214	0	0	214	7.07%	165,750	8.08%	6,961.5
NOV	0	0.00%	414,300	7.79%	414,300	157,240	0	0.00%	237	7.83%	237	0	0	237	7.83%	157,240	7.67%	6,604.1
DEC	116,101	14.56%	270,199	5.08%	386,300	130,814	55	1.82%	128	4.23%	183	0	0	183	6.04%	130,814	6.38%	5,494.2
TOTAL	797,649	100.00%	5,318,451	100.00%	6,116,100	2,050,577	434	14.33%	2594	85.67%	3028	0	0	3028	100.00%	2,050,577	100.00%	**86,124.2**

***ALSO REFER TO FUEL USE ROLLING TWELVE MONTH TABLE ATTACHED**

Attachment Number 50

Opacity Observation/Fugitive Emission Inspection Logs

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL		N	N	N	N	N	N
G-3 PUMP SEAL		N	N	N	N	N	N
STATION VALVES		N	N	N	N	N	N
TANK VALVES		N	N	N	N	N	N
SUMP		N	N	N	N	N	N
BOOSTER SEAL		N	N	N	N	N	N
MIXER SEAL		N	N	N	N	N	N
PIG LAUNCHER		N	N	N	N	N	N
INITIAL:	1-1-18	1-2-18	1-3-18	1-4-18	1-5-18	1-6-18	1-7-18
1-1-18 DATE:	SP	SP	SP	SP	ST	ST	ST

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☑ N	1-4-18	6:30	SP

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
INITIAL:	SS	JD	SS	JP	SS	JP	JP
2/5/18 DATE:	2-5-18	2/6	2-7	2-8	2-9	2-10	2-11

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☒ N	2/6/18	1300	JD

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
INITIAL:	ST	SP	SP	SP	SP	SP	SP
DATE:	3·5	3·6·18	3·7·18	3·8·18	3·9·18	3·10·18	3·11·18

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☒ N	3·6·18	8:00 AM	SP

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL		N	N	N	N	N	N
G-3 PUMP SEAL		N	N	N	N	N	N
STATION VALVES		N	N	N	N	N	N
TANK VALVES		N	N	N	N	N	N
SUMP		N	N	N	N	N	N
BOOSTER SEAL		N	N	N	N	N	N
MIXER SEAL		N	N	N	N	N	N
PIG LAUNCHER		N	N	N	N	N	N
INITIAL:		SP	SP	SP	SP	SP	SP
4.2.18 DATE:		4.3	4.4	4.5	4.6	4.7	4.8

B. OPACITY CHECK				
ENGINE	VISUAL EMISSIONS	DATE	TIME	INITIAL
Caterpillar G-1	☐ Y ☒ N	4.3	1:50	SP
Enterprise G-3	☐ Y ☐ N			

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
INITIAL:	JP	JP	JP	JP	JO	JO	JP
5.7.18 DATE:	5.7.18	5.8	5.9.18	5.10.18	5/11	5/12	5/13

B. OPACITY CHECK				
ENGINE	VISUAL EMISSIONS	DATE	TIME	INITIAL
Caterpillar G-1	☐ Y ☐ N			
Enterprise G-3	☐ Y ☒ N	5.9.18	9:00	JP

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
INITIAL:	JO	CH	JP	CH	JP	CS	CS
6/4/15 DATE:	6/4	6/5	6/6	6/7	6/8	6·9	6·10

B. OPACITY CHECK				
ENGINE	VISUAL EMISSIONS	DATE	TIME	INITIAL
Caterpillar G-1	☐ Y ☐ N			
Enterprise G-3	☐ Y ☐ N			

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N		N	N	N	N
G-3 PUMP SEAL	N	N		N	N	N	N
STATION VALVES	N	N		N	N	N	N
TANK VALVES	N	N		N	N	N	N
SUMP	N	N		N	N	N	N
BOOSTER SEAL	N	N		N	N	N	N
MIXER SEAL	N	N		N	N	N	N
PIG LAUNCHER	N	N		N	N	N	N
INITIAL:	JP	CH		JP	JP	JP	JP
7/2/18 DATE:	7/2	7/3		7/5	7/6	7/7	7/8

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☐ N			

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	OK	ok	ok	ok	OK	ok	ok
G-3 PUMP SEAL	OK	ok	ok	ok	OK	ok	ok
STATION VALVES	OK	ok	ok	OK	OK	ok	ok
TANK VALVES	OK	ok	ok	OK	OK	ok	ok
SUMP	OK	ok	ok	OK	OK	ok	ok
BOOSTER SEAL	OK	ok	ok	OK	OK	ok	ok
MIXER SEAL	OK	ok	ok	OK	OK	ok	ok
PIG LAUNCHER	OK	ok	ok	OK	OK	ok	ok
INITIAL:	CH	SP	CH	CH	CH	DM	DM
DATE:	8/6/18	8/7/18	8/8/18	8/9/18	8/10/18	8-11-18	8-12-18

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☑ N	8/9	7:00	CH.

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N		N	N
G-3 PUMP SEAL	N	N	N	N		N	N
STATION VALVES	N	N	N	N		N	N
TANK VALVES	N	N	N	N		N	N
SUMP	N	N	N	N		N	N
BOOSTER SEAL	N	N	N	N		N	N
MIXER SEAL	N	N	N	N		N	N
PIG LAUNCHER	N	N	N	N		N	N
INITIAL:	SP	SP	SP	SP		CS	CS
9/10/18 DATE:	9/10	9/11	9/12	9/13		9.15	9.16

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☒ N	9/10	7:00	SP

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
10/1/18 INITIAL:	JP	JP	JP	CH	CH	JO	JO
DATE:	10/1/18	10/2/18	10/3/18	10/4/18	1015	10/6	10/7

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☒ N	10/2	8:20	JP
Enterprise G-3	☐ Y	☐ N			

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
INITIAL:	CH	SP	SP	SP	CH	CH	CH
11/15/18 DATE:	11/5/18	11/6/18	11/7/18	11/8/18	11/9/18	11/10/18	11/11/18

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☑ N	11/8/18	6:30	SP

C. COMMENTS

CRIMSON PIPELINE

WEEKLY FUGITIVE EMISSION INSPECTION LOG

LOCATION: Ventura Harbor #00082

A. COMPONENT DESCRIPTION							
If any component is leaking, minimize leak, notify Supervisor							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N		N	N	N
G-3 PUMP SEAL	N	N	N		N	N	N
STATION VALVES	N	N	N		N	N	N
TANK VALVES	N	N	N		N	N	N
SUMP	N	N	N		N	N	N
BOOSTER SEAL	N	N	N		N	N	N
MIXER SEAL	N	N	N		N	N	N
PIG LAUNCHER	N	N	N		N	N	N
INITIAL:	CH	CH	CH		CH	CS	CS
12/3/18 DATE:	12/3/18	12/4/18	12/5/18		12/7/18	12.8	12.9

B. OPACITY CHECK					
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL
Caterpillar G-1	☐ Y	☐ N			
Enterprise G-3	☐ Y	☐ N			

C. COMMENTS

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 18 (MM/DD/YY) to 12 / 31 / 18 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	Tank 150305	Begin: Unknown End: 6/13/2018, 4:00pm When Discovered: Date & Time 6/8/2018, 7:10am
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
Floating Roof	Integrity	Damage
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
Oversight	Repairs were performed upon discovery.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
Att. No. 74.9N3, Rules 74.9.B.1 and B.2	Enterprise Engine G-3 (S/N 54050)	Begin: 9/31/2018, 11:59pm End: 10/31/2018, unknown When Discovered: Date & Time 9/25/2019
D. Parameters monitored:	**E. Limit:**	**F. Actual:**
Months	3	4
G. Probable Cause of Deviation:	**H. Corrective actions taken:**	
All head gaskets failed on 9/25/2018, and the engine was taken out of service. Replacements parts did not arrive until late October.	Quarterly emissions screening was performed 10/31/2018, after replacement parts were installed.	

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:**	