

CRIMSON PIPELINE LP
5001 California Avenue Suite 206
Bakersfield, CA 93309

March 7, 2010

Mr. Dan Searcy
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

Mr. Matt Haber
Permits Office (AIR-3) Office of Air Division
EPA Region IX
75 Hawthorne Street
San Francisco, CA 94105

RE: Annual Compliance Certification, Ventura Pump Station, Part 70 Permit No. 00082

Gentlemen:

Please find enclosed the Annual Compliance Certification Report (ACC) for the above referenced facility.

Should you have any questions regarding any of the information in the ACC, please contact Mr. Mike Romley, Manager of Operations, at (562) 595-9463, or myself at (661) 716-5001 ext. 11.

Sincerely,


Debra Sovay
EHS Manager
Crimson Resource Management

encl

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VENTURA COUNTY
10 MAR 31 AM 11:01
A.P.C.D.

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Cover Sheet
Form TVPF45/07-21-03 Page 2 of 2


Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region IX
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: Title:  <i>PRESIDENT</i>	Date: <i>3/8/10</i>
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Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

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MAR 11 2010
CRIMSON KERN

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Permit Condition Number: Attachment 71.2N2 Rules 71.2B.4, 71.2C.1	Description: External Floating roof crude oil storage tanks \geq40,000 gallons Rules 71.2.B.4, 71.2.C.a, 71.2.D, 71.2E
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Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Primary and secondary seals were inspected on 5/8/2009. Tank 135301 was not inspected because it is out of service.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

Continuous – All monitoring measurements show compliance with the Part 70 permit condition

Intermittent – One or more measurements indicate a failure to meet the Part 70 permit condition

4. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as “a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring.”

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as “a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring.”

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

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. 00082 Inspection Date 5/28/2009 Time 11:40am
Is this a Follow-up Inspection? Yes No 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 Joe Hecker Title Inspector
Company Name Beacon Energy Services, Inc. Phone 562-997-3087
Mailing Address 2675 Junipero ave. Suite 600 City Signal Hill Zip 90755

C. TANK INFORMATION:

Capacity 150,000 Installation Date _____ Diameter 150' Ht. 51'
Product Type Sweet Crude Product RVP _____ If Crude, H2S Content (NA) _____
Type of Tank Riveted Welded Other (Describe) _____
Color of Shell White Color of Roof White
Roof Type Pontoon Double Deck Other (Describe) _____
 External floating roof Internal floating roof

D. GROUND LEVEL INSPECTION:

1) Product Temperature 78 Degrees F Product Level 27' - 5"
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)
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. 00082

G. FROM GAUGER PLATFORM:

1) Observe the entire floating roof:

Is the roof badly warped or buckled?	No	<input checked="" type="checkbox"/>	Yes	NA
Is there any obvious damage?	No	<input checked="" type="checkbox"/>	Yes	NA
2) Are there liquid hydrocarbons on the roof?	No	<input checked="" type="checkbox"/>	Yes	NA
3) Is there water ponding on the roof?	No	<input checked="" type="checkbox"/>	Yes	NA

Occasionally pools of water are usually a result of inadequate 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	<input checked="" type="checkbox"/>	Yes	NA
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H. SEAL INSPECTION:

1) Secondary Seal Inspection

a) Type of Secondary Seal:	<u>Single wiper</u>			
b) Does 1/2" probe drop past seal?	No	<input checked="" type="checkbox"/>	Yes	If yes, measure length(s) and show on diagram
c) Does 1/8" probe drop past seal?	No	<input checked="" type="checkbox"/>	Yes	If yes, measure length(s) and show on diagram
d) Record dimensions for gaps	> 1/8"	<u>0</u>	> 1/2"	<u>0</u>

*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	Tube	Other	
b) (shoe seal) does 1-1/2" probe drop past seal?	No	<input checked="" type="checkbox"/>	Yes	If yes, measure length(s) and show on diagram
c) (shoe seal) does 1/2" probe drop past seal?	No	<input checked="" type="checkbox"/>	Yes	If yes, measure length(s) and show on diagram
d) (tube seal) does 1/2" probe drop past seal?	No	<input checked="" type="checkbox"/>	Yes	If yes, measure length(s) and show on diagram
e) (all seal types) does 1/8" probe drop past seal?	No	<input checked="" type="checkbox"/>	Yes	If yes, measure length(s) and show on diagram
f) Record dimensions of gaps for gaps	> 1/8"	<u>0</u>	> 1/2"	<u>0</u>

*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. 00082

I. CALCULATIONS - Complete all applicable portions of the following:

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

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

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

J. DETERMINE COMPLIANCE STATUS OF TANK:

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

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

- | | | | |
|---|----|-----|-------------------------------------|
| 7) Does tank have permit conditions? | No | Yes | <input checked="" type="checkbox"/> |
| Does tank comply with these conditions? | No | Yes | <input checked="" type="checkbox"/> |

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

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT

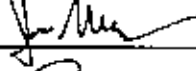
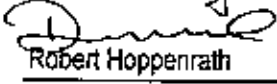
Tank No. 305 Permit No. 00082

K. **COMMENTS:**

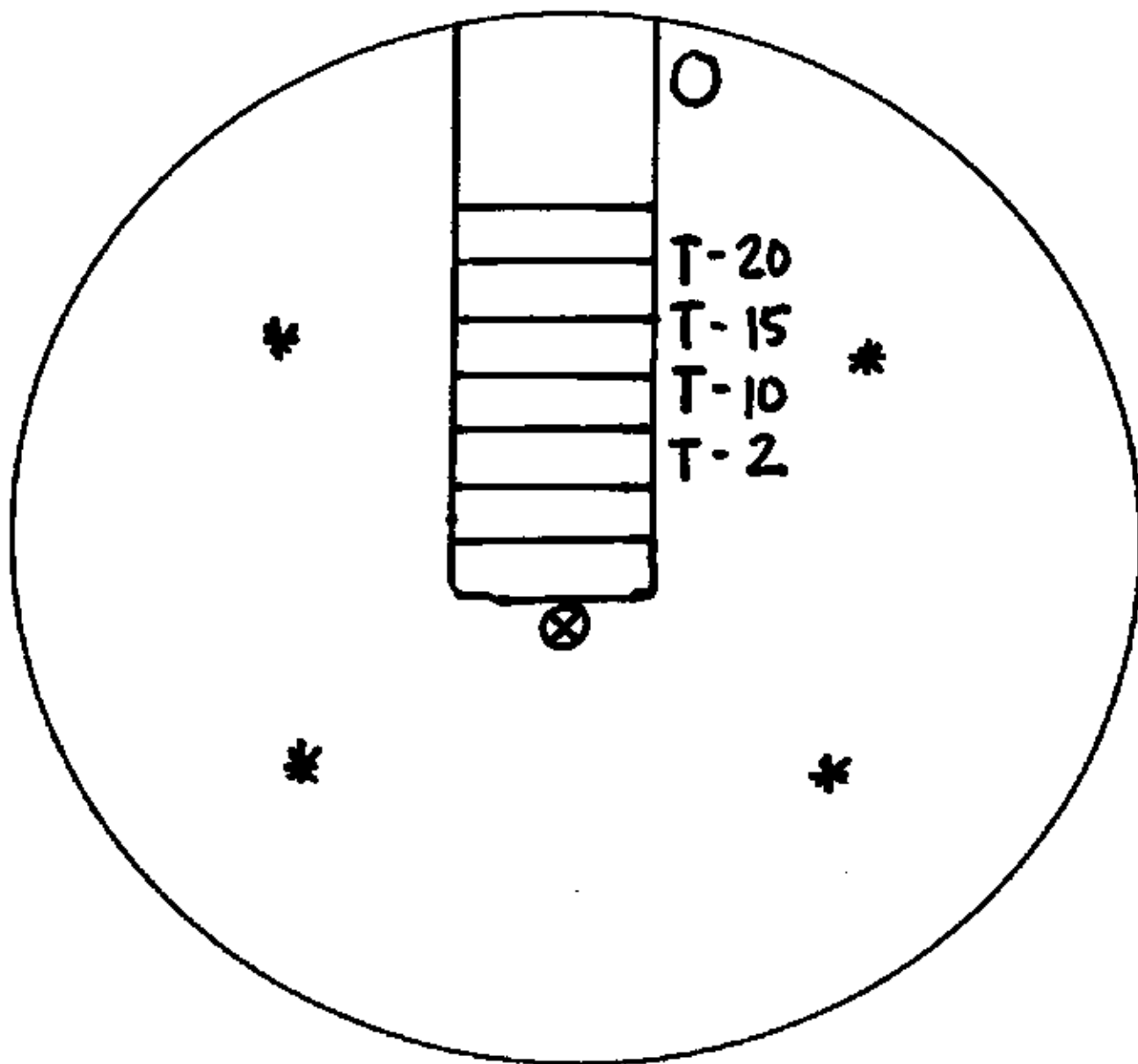
Use this section to complete answers to above listed items and to describe repairs made to the tank; include date and time repairs were made.

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 <i>signature</i>	<u>Joe Hecker</u> 	Cert ID		Date	<u>6/15/2009</u>
Compliance status by <i>signature</i>	<u>Robert Hoppenrath</u> 	Cert ID	<u>C5569176</u>	Date	<u>6/15/2009</u>
Company Representative <i>signature</i>		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.









North

* ALL GAPS ARE 1/8" UNLESS OTHERWISE NOTED

Equipment:

-  Anti-Rotation Device
-  Ladder
-  Gauge Well
-  Leg Stand
-  Roof Drain
-  Emergency Roof Drain
-  Vacuum Breaker
-  Valve

Defects:

-  Leg Top
-  Leg Pin
-  Open Hatch
-  Torn Seal
-  Primary Seal Gap
-  Secondary Seal Gap

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Permit Condition Number: Attachment 71.4N1 Rules 71.4.B.2, 71.4.C.2	Description: Sumps, pits and ponds with covers. Fugitive emissions monitoring and integrity of cover.
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Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Quarterly fugitive emissions (rule 74.10) inspections using EPA Method 21 were conducted and reported on 3/18/09, 6/24/09, 9/23/09, and 12/16/09. The sumps, pits and ponds at this facility are in compliance with rule 71.4.B.2. The integrity of the cover has been verified.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
3. Please indicate if this compliance determination method is continuous or intermittent:
- Continuous - All monitoring measurements show compliance with the Part 70 permit condition
- Intermittent - One or more measurements indicate a failure to meet the Part 70 permit condition
4. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Permit Condition Number: Attachment 74.9N3 Rules 74.9.B.1 and B.2	Description: Stationary natural gas-fired rich-burn internal combustion engine quarterly inspections and biennial source test.
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Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Quarterly inspections were conducted using CARB 100 Emissions test protocol on the following: Engine #1 (Caterpillar) and Engine #3 (Enterprise). The biennial source tests using CARB Method 1-100 was last conducted on 1/28/2009.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

Continuous – All monitoring measurements show compliance with the Part 70 permit condition

Intermittent – One or more measurements indicate a failure to meet the Part 70 permit condition

4. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as “a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring.”

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Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
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Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

Following are the 2009 1st, 2nd, 3rd and 4th quarter emission test results from AIRx and engine service reports. Also included are the results from the last biennial source test. A sampling of engine data sheets are also included.

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment
 Form TVPF47/12-21-98

Emission Unit Description: 415 HP Caterpillar natural gas-fired rich-burn engine NSCR (S/N 72B01367)		Pollutant: NOx
Measured Emission Rate: 1.8 ppmv @ 15% O₂	Limited Emission Rate: 9 ppmv @ 15% O₂	Specific Source Test or Monitoring Record Citation: Biennial Source Test Test Date: 1/30/07

Emission Unit Description: 415 HP Caterpillar natural gas-fired rich-burn engine NSCR (S/N 72B01367)		Pollutant: CO
Measured Emission Rate: 495 ppmv @ 15% O₂	Limited Emission Rate: 1000 ppmv @ 15% O₂	Specific Source Test or Monitoring Record Citation: Biennial Source Test Test Date: 1/30/07

Emission Unit Description: 415 HP Caterpillar natural gas-fired rich-burn engine NSCR (S/N 72B01367)		Pollutant: ROC
Measured Emission Rate: 2.6 ppmv @ 15% O₂	Limited Emission Rate: 100 ppmv @ 15% O₂	Specific Source Test or Monitoring Record Citation: Biennial Source Test Test Date: 1/30/07

Emission Unit Description:		Pollutant:
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation: Test Date:

Emission Unit Description:		Pollutant:
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation: Test Date:

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF47/12-21-98

Emission Unit Description: 465 HP Enterprise natural gas-fired rich-burn engine NSCR (S/N 54050)		Pollutant: NOx
Measured Emission Rate: 12.5 ppmv @ 15% O ₂	Limited Emission Rate: 25 ppmv @ 15% O ₂	Specific Source Test or Monitoring Record Citation: Biennial Source Test Test Date: 1/30/07

Emission Unit Description: 465 HP Caterpillar natural gas-fired rich-burn engine NSCR (S/N 54050)		Pollutant: CO
Measured Emission Rate: 1680 ppmv @ 15% O ₂	Limited Emission Rate: 4500 ppmv @ 15% O ₂	Specific Source Test or Monitoring Record Citation: Biennial Source Test Test Date: : 1/30/07

Emission Unit Description: 465 HP Caterpillar natural gas-fired rich-burn engine NSCR (S/N 54050)		Pollutant: ROC
Measured Emission Rate: 6.5 ppmv @ 15% O ₂	Limited Emission Rate: 25 ppmv @ 15% O ₂	Specific Source Test or Monitoring Record Citation: Biennial Source Test Test Date: : 1/30/07

Emission Unit Description:		Pollutant:
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation: Test Date:

Emission Unit Description:		Pollutant:
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation: Test Date:

SUMMARY OF RESULTS

Crimson Pipeline

Ventura Harbor

Enterprise

1/28/2009

ANNUAL EMISSION TESTING

PARAMETER	UNITS	Run #1	Average	Method used
Stack Gas Flowrate	dscfm	360	360	EPA Method 19
Fuel Usage	dscfm	38.4	38.4	Fuel Meter
Test Length	minutes	60	<u>Unit Description</u> Enterprise 465 HP	

TABLE 1-2. SOURCE TEST RESULTS

POLLUTANT	UNITS	EMISSIONS	Average	Allowable Limits	District Rule
		Run #1			
Nitrogen Oxide	ppmv	58.3	58.3	25	PTO
	ppmv @ 15% O2	16.9	16.9		
	lb/hr	0.15	0.150		
	lb/MMBtu	0.062	0.062		
	gm/BHP-HR	0.15	0.15		
Carbon Monoxide	ppmv	6064	6,064	4500	PTO
	ppmv @ 15% O2	1755	1,755		
	lb/hr	9.52	9.52		
	lb/MMBtu	3.93	3.93		
	gm/BHP-HR	9.30	9.30		
Oxygen	%	0.5	0.5		
ROC	ppmv as CH4 (dry)	14.5	14.5	250	PTO
	ppmv @ 15% O2	4.2	4.2		
	lb/hr as CH4	0.011	0.011		

SUMMARY OF RESULTS

Crimson Pipeline
Ventura Harbor
Caterpillar
1/28/2009

ANNUAL EMISSION TESTING

PARAMETER	UNITS	Run #1	Average	Method used
Stack Gas Flowrate	dscfm	392	392	EPA Method 19
Fuel Usage	dscfm	42.9	42.9	Fuel Meter
Test Length	minutes	60	<u>Unit Description</u> Caterpillar 415 HP	

TABLE 1-2. SOURCE TEST RESULTS

POLLUTANT	UNITS	EMISSIONS	Average	Allowable Limits	District Rule
		Run #1			
Nitrogen Oxide	ppmv	4.3	4.3	9	PTO
	ppmv @ 15% O2	1.2	1.2		
	lb/hr	0.012	0.012		
	lb/MMBtu	0.0045	0.0045		
	gm/BHP-HR	0.013	0.013		
Carbon Monoxide <i>Actual</i>	ppmv	43	43	1000	PTO
	ppmv @ 15% O2	12	12		
	lb/hr	0.073	0.073		
	lb/MMBtu	0.027	0.027		
	gm/BHP-HR	0.080	0.080		
Carbon Monoxide <i>10% of Scale</i>	ppmv	<100	<100	1000	PTO
	ppmv @ 15% O2	<117	<117		
	lb/hr	<0.17	<0.17		
	lb/MMBtu	<0.063	<0.063		
	gm/BHP-HR	<0.19	<0.19		
Oxygen	%	0.0	0.0		
ROC	ppmv as CH4 (dry)	<1.8	<1.8	100	PTO
	ppmv @ 15% O2	<0.5	<0.5		
	lb/hr as CH4	<0.0015	<0.0015		



AIR TESTING

A Division of **Justice & Associates**

SUMMARY OF QUARTERLY SOURCE TEST RESULTS

**Crimson Pipeline LP
Ventura Pump Station
Enterprise ICE**

6/19/2009

Oxides of Nitrogen (NOx)	
ppmv	75.3
ppmv @ 15% O2	21.3
Carbon Monoxide (CO)	
ppmv	4145
ppmv @ 15% O2	1171
Oxygen (O2), percent	0.0

Note: Reported values represent a 20-minute average.



A Division of *Justice & Associates*

SUMMARY OF QUARTERLY SOURCE TEST RESULTS

Crimson Pipeline LP
Ventura Pump Station
Caterpillar ICE

6/19/2009

Oxides of Nitrogen (NOx) (<i>Actual Observed</i>)	
ppmv	1.4
ppmv @ 15% O2	0.4
Oxides of Nitrogen (NOx) (10% of Full Scale)	
ppmv	< 2.5
ppmv @ 15% O2	< 0.7
Carbon Monoxide (CO)	
ppmv	1251
ppmv @ 15% O2	353
Oxygen (O2), percent	0.0

Note: Reported values represent a 20-minute average.

SUMMARY OF QUARTERLY SOURCE TEST RESULTS

**Crimson Pipeline LP
Ventura Pump Station
Enterprise ICE**

9/11/2009

Oxides of Nitrogen (NO_x)	
ppmv	66.2
ppmv @ 15% O ₂	18.9
Carbon Monoxide (CO)	
ppmv	15100
ppmv @ 15% O ₂	4308
Oxygen (O₂), percent	0.2

Note: Reported values represent a 20-minute average.

SUMMARY OF QUARTERLY SOURCE TEST RESULTS**Crimson Pipeline LP
Ventura Pump Station
Caterpillar ICE****9/11/2009**

Oxides of Nitrogen (NO_x)	
ppmv	2.0
ppmv @ 15% O ₂	0.6
Carbon Monoxide (CO)	
ppmv	59
ppmv @ 15% O ₂	17
Oxygen (O₂), percent	0.0

Note: Reported values represent a 20-minute average.

SUMMARY OF QUARTERLY SOURCE TEST RESULTS

**Crimson Pipeline
Ventura Pump Station
Enterprise ICE**

12/17/2009

		<i>Allowable</i>
Oxides of Nitrogen (NOx) (<i>Actual Observed</i>)		
ppmv	<i>43.0</i>	-
ppmv @ 15% O2	<i>12.1</i>	<i>25</i>
Carbon Monoxide (CO) (<i>Actual Observed</i>)		
ppmv	<i>407</i>	-
ppmv @ 15% O2	<i>115</i>	<i>4500</i>
Oxygen (O2), percent	<i>0.0</i>	-

SUMMARY OF QUARTERLY SOURCE TEST RESULTS

Crimson Pipeline
Ventura Pump Station
Caterpillar ICE

12/17/2009

		<i>Allowable</i>
Oxides of Nitrogen (NOx) (<i>Actual Observed</i>)		
ppmv	<i>1.5</i>	-
ppmv @ 15% O2	<i>0.4</i>	<i>9</i>
Carbon Monoxide (CO) (<i>Actual Observed</i>)		
ppmv	<i>1190</i>	-
ppmv @ 15% O2	<i>336</i>	<i>1200</i>
Oxygen (O2), percent	<i>0.0</i>	-

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number: Attachment PO0082PC1 Condition 1, Rule 26	Description: Combustion equipment shall only burn natural gas.
--	--

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Combustion equipment only burns natural gas per Fuel Usage Log. See attached sheet for usage.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
3. Please indicate if this compliance determination method is continuous or intermittent:
- Continuous - All monitoring measurements show compliance with the Part 70 permit condition
- Intermittent - One or more measurements indicate a failure to meet the Part 70 permit condition
4. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

VENTURA HARBOR STATION 2009

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLS.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>**PAINT</u> (GALLONS)
Jan-09	1,200,000	323,813	0	0
Feb-09	1,564,100	352,467	0	0
Mar-09	1,464,600	381,869	0	0
Apr-09	1,499,700	344,778	0	0
May-09	1,377,900	412,632	0	0
Jun-09	1,005,200	246,586	0	0
Jul-09	1,079,800	251,099	0	0
Aug-09	1,033,600	292,032	0	0
Sep-09	927,000	260,673	0	0
Oct-09	1,325,200	375,129	0	0
Nov-09	1,359,900	325,111	0	0
Dec-09	1,679,200	385,056	0	0
TOTAL	15,516,200	3,952,245	0	0

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

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Permit Condition Number: Attachment PO0082PC1 Condition 3, Rule 29	Description: Solvent purchase and usage logs for solvent cleaning activities.
---	--

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

- Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

All cleaning is conducted with low VOC solvents. A log of solvent use is no longer maintained.

- Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- Please indicate if this compliance determination method is continuous or intermittent:
 - Continuous - All monitoring measurements show compliance with the Part 70 permit condition
 - Intermittent - One or more measurements indicate a failure to meet the Part 70 permit condition
- Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Permit Condition Number: Attachment PO0082PC2 Rules 26 and 74.9	Description: BACT for Caterpillar engine – emissions limits (ROC, NOx, CO) Monitor air:fuel ratio controller readings quarterly
--	---

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

- Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

The biennial source test using CARB Method 1-100 was conducted on 1/28/09. Air/fuel ratio controller readings are monitored when engine is in use.

- Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

- Please indicate if this compliance determination method is continuous or intermittent:

Continuous – All monitoring measurements show compliance with the Part 70 permit condition

Intermittent – One or more measurements indicate a failure to meet the Part 70 permit condition

- Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as “a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring.”

- Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as “a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring.”

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Permit Condition Number: Attachment 50 Rule 50	Description: Opacity observations at the facility.
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Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Opacity surveillance and visual inspections of emissions at the facility are conducted.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
3. Please indicate if this compliance determination method is continuous or intermittent:
- Continuous - All monitoring measurements show compliance with the Part 70 permit condition
- Intermittent - One or more measurements indicate a failure to meet the Part 70 permit condition
4. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

6. Yes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

01 / 01 / 09 (MM/DD/YY) to 12 / 31 / 09 (MM/DD/YY)

A summary of test results from AIRx is included from observations made on 1/7/10. Also included are the samples (one week per month) of weekly fugitive emission operator inspection logs.

X AIR **X** TESTING

A Division of **Justice & Associates**

Northern CA
17331 Sharon Blvd.
Madera, CA 93638-9713
559.673.3354 Fax 559.673.3359

www.airxtesting.com

Southern CA
2472 Eastman Ave., Ste. 34
Ventura, CA 93003-5774
805.644.1099 Fax 805.644.2672

January 13, 2010

Job Number: 21000
Lab Number: 210-002

Crimson Pipeline
P.O. Box 350
Santa Paula, CA 93060

ATTENTION: Phil Acosta

REGARDING: Annual Visible Emission Evaluation Testing: Ventura Pump Station & Torrey Pump Station.

Dear Mr. Acosta:

On January 7, 2010, annual visible emission evaluation (VEE) observations were performed according to EPA Method 9 on four (4) IC engines for Crimson Pipeline: two (2) at the Ventura Pump Station and two (2) at the Torrey Pump Station.

The natural gas fired engines are identified as follows:

- 1) Ventura Pump Station; Caterpillar; Model SP321P001G379ASI; S/N 72B01367; 415 BHP; DCLI "Quick Lid" Catalytic Converter; O2 Sensor; Air/Fuel Ratio Controller.
- 2) Ventura Pump Station; Enterprise; Model GSG-8; 465 BHP; S/N 54050; Equipped with catalytic converter.
- 3) Torrey #1 Pump Station; Enterprise; Model GSG-6; S/N 55003; 500 BHP; Equipped with a Catalytic Converter.
- 4) Torrey #2 Pump Station; Enterprise; Model GSG-6; S/N 55004; 500 BHP; Equipped with a Catalytic Converter.

Tests on each of these units were performed to document opacity and visual emissions. A single run of 60 minutes was performed on each unit.

The testing on each unit was observed at the exhaust after the catalytic converter.



Northern CA
1652 Texas St., Ste. 221
Fairfield, CA 94533-5952
707.207.7066 Fax 707.207.7063

Headquarters-Southern CA
4155 Outer Traffic Circle
Long Beach, CA 90804-2111
562.961.3494 Fax 562.961.3493
www.justiceassociates.com

Las Vegas NV
1401 S. Arville St., Ste. J
Las Vegas, NV 89102-0537
702.822.2111 Fax 702.822.2113



The observations were performed by Ryan Yanagihara of AIRx Testing. Mr. Yanagihara is certified by The California Air Resources Board to perform the visible emission evaluations. A copy of the certification card can be found in the attachments.

If you have any questions regarding the testing procedures or results, please contact the undersigned at (805) 644-1099.

Respectfully Submitted,
AIRx Testing – Division of Justice & Associates

A handwritten signature in black ink, appearing to read 'Ryan Yanagihara', is positioned above the printed name.

Ryan Yanagihara
Senior Engineer

Attachments

**SUMMARY OF TEST RESULTS
VISIBLE EMISSIONS EVALUATIONS
Crimson Pipeline
Ventura & Torrey Pump Stations
IC ENGINES**

1/7/2010

IC Engine / Location	Avg % Opacity
ICE G-2 / Torrey Station	0.0
ICE G-1 / Torrey Station	0.0
ICE G-1 / Piru Station	0.0
Enterprise ICE / Ventura Station	0.0
Caterpillar ICE / Ventura Station	0.0

Note: Reported values represent a 60-minute average.

ATTACHMENTS

VISIBLE EMISSION OBSERVATION FORM

Test Point No. ONE

Form No. ONE

COMPANY NAME CRIMSON PIPELINE
 STREET ADDRESS TORREY CANYON ROAD
TORREY STATION
 CITY PIRU STATE CA ZIP _____
 PHONE (KEY CONTACT) 805-331-8755 SOURCE ID NUMBER G-1

PROCESS EQUIPMENT PUMP ENGINE OPERATING MODE NORMAL
 CONTROL EQUIPMENT CATALYST OPERATING MODE NORMAL
 DESCRIBE EMISSION POINT

ENGINE EXHAUST STACK
 HEIGHT ABOVE GROUND LEVEL 30' HEIGHT RELATIVE TO OBSERVER
 Start 30' End 30'

DISTANCE FROM OBSERVER 275' DIRECTION FROM OBSERVER
 Start EAST End EAST

DESCRIBE EMISSIONS ENGINE EXHAUST
 Start EXHAUST End EXHAUST

EMISSION COLOR CLEAR IF WATER DROPLET PLUME
 Start CLEAR End CLEAR

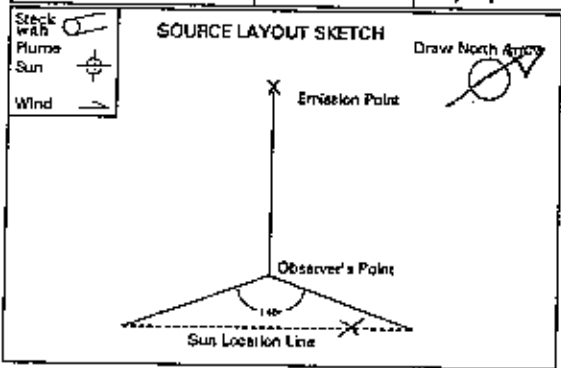
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
 Start STACK End STACK

DESCRIBE PLUME BACKGROUND
 Start SKY End SKY

BACKGROUND COLOR BLUE SKY CONDITIONS CLEAR
 Start BLUE End BLUE Start CLEAR End CLEAR

WIND SPEED 0-2 WIND DIRECTION EAST
 Start 0-2 End 0-2 Start EAST End EAST

AMBIENT TEMP 63 WET BULB TEMP 60 RH percent 77
 Start 63 End 64 Start 60 End 60 RH percent 77



OBSERVATION DATE		START TIME				END TIME				COMMENTS		
11/7/10		1015				1115						
Sec	Min	0	15	30	45	Sec	Min	0	15	30	45	
1	00	00	00	00	00	31	00	00	00	00	00	
2	00	00	00	00	00	32	00	00	00	00	00	
3	00	00	00	00	00	33	00	00	00	00	00	
4	00	00	00	00	00	34	00	00	00	00	00	
5	00	00	00	00	00	35	00	00	00	00	00	
6	00	00	00	00	00	36	00	00	00	00	00	
7	00	00	00	00	00	37	00	00	00	00	00	
8	00	00	00	00	00	38	00	00	00	00	00	
9	00	00	00	00	00	39	00	00	00	00	00	
10	00	00	00	00	00	40	00	00	00	00	00	
11	00	00	00	00	00	41	00	00	00	00	00	
12	00	00	00	00	00	42	00	00	00	00	00	
13	00	00	00	00	00	43	00	00	00	00	00	
14	00	00	00	00	00	44	00	00	00	00	00	
15	00	00	00	00	00	45	00	00	00	00	00	
16	00	00	00	00	00	46	00	00	00	00	00	
17	00	00	00	00	00	47	00	00	00	00	00	
18	00	00	00	00	00	48	00	00	00	00	00	
19	00	00	00	00	00	49	00	00	00	00	00	
20	00	00	00	00	00	50	00	00	00	00	00	
21	00	00	00	00	00	51	00	00	00	00	00	
22	00	00	00	00	00	52	00	00	00	00	00	
23	00	00	00	00	00	53	00	00	00	00	00	
24	00	00	00	00	00	54	00	00	00	00	00	
25	00	00	00	00	00	55	00	00	00	00	00	
26	00	00	00	00	00	56	00	00	00	00	00	
27	00	00	00	00	00	57	00	00	00	00	00	
28	00	00	00	00	00	58	00	00	00	00	00	
29	00	00	00	00	00	59	00	00	00	00	00	
30	00	00	00	00	00	60	00	00	00	00	00	

HIGHEST OPACITY READING IS 02 NUMBER OF READINGS AT HIGHEST % OPACITY IS _____

If any individual readings are greater than _____ % opacity and there are more than 3 readings of _____ % for the 1-hour period, then 3 hours (thirty 6-minute averages) are to be observed. This facility will be in violation of local air permit conditions if there are 13 or more reads at or above 20%.

ADDITIONAL INFORMATION

SKETCH/PHOTO

OBSERVER'S NAME (PRINT) RYAN YAMAGIHARA
 OBSERVER'S SIGNATURE _____ DATE 11/7/10
 ORGANIZATION AIR TESTING
 CERTIFIED BY CARB #20544 DATE 7/23/09

CONTINUED ON VEO FORM NUMBER _____
 SKETCH FLOW DIAGRAM

Data Reduction

Set No.	Min. Start-End	Opacity	
		Sum	Avg
1	1-6		
2	7-12		
3	13-18		
4	19-24		
5	25-30		
6	31-36		
7	37-42		
8	43-48		
9	49-54		
10	55-60		

VISIBLE EMISSION OBSERVATION FORM

Test Point No. ONE

Form No. ONE

COMPANY NAME CRIMSON PIPELINE
 STREET ADDRESS TORREY CANYON ROAD
TORREY STATION
 CITY PIRU STATE CA ZIP _____
 PHONE (KEY CONTACT) 805-231-8975 SOURCE ID NUMBER G-2
 PROCESS EQUIPMENT PUMP ENGINE OPERATING MODE NORMAL
 CONTROL EQUIPMENT CATALYST OPERATING MODE NORMAL
 DESCRIBE EMISSION POINT ENGINE EXHAUST STACK
 HEIGHT ABOVE GROUND LEVEL 30' HEIGHT RELATIVE TO OBSERVER Start 30' End 30'
 DISTANCE FROM OBSERVER 75' DIRECTION FROM OBSERVER Start EAST End EAST
 DESCRIBE EMISSIONS ENGINE EXHAUST Start EXHAUST End EXHAUST
 EMISSION COLOR CLEAR IF WATER DROPLET PLUME Start CLEAR End _____
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED STACK Start OUTLET End STACK
 DESCRIBE PLUME BACKGROUND Start SKY End SKY
 BACKGROUND COLOR BLUE SKY CONDITIONS CLEAR Start BLUE End BLUE Start CLEAR End CLEAR
 WIND SPEED 0-2 WIND DIRECTION EAST Start 0-2 End _____ Start EAST End EAST
 AMBIENT TEMP 60 WET BULB TEMP 59 RH percent 79 Start 60 End 63 Start 59 End _____ Start 79 End _____

Stack with Plume Sun Wind

SOURCE LAYOUT SKETCH
 Draw North Arrow

Emission Point
 Observer's Point
 Sun Location Line

OBSERVATION DATE	START TIME				END TIME				COMMENTS
	11	15	30	45	Min	15	30	45	
11/7/10	09	02	10	02	00	00	00	00	
1	0	0	0	0	31	0	0	0	
2	0	0	0	0	32	0	0	0	
3	0	0	0	0	33	0	0	0	
4	0	0	0	0	34	0	0	0	
5	0	0	0	0	35	0	0	0	
6	0	0	0	0	36	0	0	0	
7	0	0	0	0	37	0	0	0	
8	0	0	0	0	38	0	0	0	
9	0	0	0	0	39	0	0	0	
10	0	0	0	0	40	0	0	0	
11	0	0	0	0	41	0	0	0	
12	0	0	0	0	42	0	0	0	
13	0	0	0	0	43	0	0	0	
14	0	0	0	0	44	0	0	0	
15	0	0	0	0	45	0	0	0	
16	0	0	0	0	46	0	0	0	
17	0	0	0	0	47	0	0	0	
18	0	0	0	0	48	0	0	0	
19	0	0	0	0	49	0	0	0	
20	0	0	0	0	50	0	0	0	
21	0	0	0	0	51	0	0	0	
22	0	0	0	0	52	0	0	0	
23	0	0	0	0	53	0	0	0	
24	0	0	0	0	54	0	0	0	
25	0	0	0	0	55	0	0	0	
26	0	0	0	0	56	0	0	0	
27	0	0	0	0	57	0	0	0	
28	0	0	0	0	58	0	0	0	
29	0	0	0	0	59	0	0	0	
30	0	0	0	0	60	0	0	0	

HIGHEST OPACITY READING IS 0 NUMBER OF READINGS AT HIGHEST % OPACITY IS _____

If any individual readings are greater than _____ % opacity and there are more than 3 readings of _____ % for the 1-hour period, then 3 hours (thirty 6-minute averages) are to be observed. This facility will be in violation of local air permit conditions if there are 13 or more reads at or above 20%.

ADDITIONAL INFORMATION

SKETCH/PHOTO

ROOF
 MUSKULL

OBSERVER'S NAME (PRINT) RYAN YADAGIHARA
 OBSERVER'S SIGNATURE _____ DATE 11/7/10
 ORGANIZATION AIRX TESTING
 CERTIFIED BY CARB # 20544 DATE 7/23/09
 CONTINUED ON VED FORM NUMBER _____
 SKETCH FLOW DIAGRAM

Date Reduction

Set No.	Min. Start-End	Opacity	
		Sum	Avg
1	1-6		
2	7-12		
3	13-18		
4	19-24		
5	25-30		
6	31-36		
7	37-42		
8	43-48		
9	49-54		
10	55-60		

VISIBLE EMISSION OBSERVATION FORM

Test Point No. ONE

Form No. 0060F03E

COMPANY NAME CRIMSON PIPELINE
 STREET ADDRESS 1200 SPINAKER
 CITY VENTURA STATE CA ZIP 93004
 PHONE (KEY CONTACT) 805-331-8975 SOURCE ID NUMBER ICE G-3
 PROCESS EQUIPMENT ESTERACIDE ICE OPERATING MODE NORMAL
 CONTROL EQUIPMENT CATALYST OPERATING MODE NORMAL
 DESCRIBE EMISSION POINT ICE STACK OUTLET
 HEIGHT ABOVE GROUND LEVEL 40' HEIGHT RELATIVE TO OBSERVER Start 35' End 35'
 DISTANCE FROM OBSERVER 100' DIRECTION FROM OBSERVER Start NW End NW
 DESCRIBE EMISSIONS ICE IF WATER DROPLET PLUME EXHAUST EXHAUST
 EMISSION COLOR CLEAR CLEAR
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED STACK STACK
 DESCRIBE PLUME BACKGROUND SKY SKY
 BACKGROUND COLOR BLUE BLUE SKY CONDITIONS CLEAR CLEAR
 WIND SPEED 0-2 0-4 WIND DIRECTION SE SE
 AMBIENT TEMP 69 70 WET BULB TEMP 66 RH, percent 66
 SOURCE LAYOUT SKETCH
 Stack with Plume Sun Wind
 Emission Point
 Observer's Point
 Sun Location Line

Sec Min	OBSERVATION DATE				START TIME				END TIME				COMMENTS
	0	15	30	45	0	15	30	45	0	15	30	45	
1	0	0	0	0	31	0	0	0	0				
2	0	0	0	0	32	0	0	0	0				
3	0	0	0	0	33	0	0	0	0				
4	0	0	0	0	34	0	0	0	0				
5	0	0	0	0	35	0	0	0	0				
6	0	0	0	0	36	0	0	0	0				
7	0	0	0	0	37	0	0	0	0				
8	0	0	0	0	38	0	0	0	0				
9	0	0	0	0	39	0	0	0	0				
10	0	0	0	0	40	0	0	0	0				
11	0	0	0	0	41	0	0	0	0				
12	0	0	0	0	42	0	0	0	0				
13	0	0	0	0	43	0	0	0	0				
14	0	0	0	0	44	0	0	0	0				
15	0	0	0	0	45	0	0	0	0				
16	0	0	0	0	46	0	0	0	0				
17	0	0	0	0	47	0	0	0	0				
18	0	0	0	0	48	0	0	0	0				
19	0	0	0	0	49	0	0	0	0				
20	0	0	0	0	50	0	0	0	0				
21	0	0	0	0	51	0	0	0	0				
22	0	0	0	0	52	0	0	0	0				
23	0	0	0	0	53	0	0	0	0				
24	0	0	0	0	54	0	0	0	0				
25	0	0	0	0	55	0	0	0	0				
26	0	0	0	0	56	0	0	0	0				
27	0	0	0	0	57	0	0	0	0				
28	0	0	0	0	58	0	0	0	0				
29	0	0	0	0	59	0	0	0	0				
30	0	0	0	0	60	0	0	0	0				

HIGHEST OPACITY READING IS _____ NUMBER OF READINGS AT HIGHEST % OPACITY IS _____

If any individual readings are greater than _____ % opacity and there are more than 3 readings of _____ % for the 1-hour period, then 3 hours (thirty 6-minute averages) are to be observed. This facility will be in violation of local air permit conditions if there are 13 or more reads at or above 20%.

Date Reduction

Set No.	Min. Start-End	Opacity	
		Sum	Avg
1	1-5		
2	7-12		
3	13-18		
4	19-24		
5	25-30		
6	31-36		
7	37-42		
8	43-48		
9	49-54		
10	55-60		

ADDITIONAL INFORMATION
 SKETCH/PHOTO

OBSERVER'S NAME (PRINT) RYAN YANAGIHARA
 OBSERVER'S SIGNATURE _____ DATE 7/7/10
 ORGANIZATION AIRX TESTING
 CERTIFIED BY CARB #20544 DATE 7/23/09
 CONTINUED ON VEO FORM NUMBER _____
 SKETCH FLOW DIAGRAM

VISIBLE EMISSION OBSERVATION FORM

Test Point No. ONE

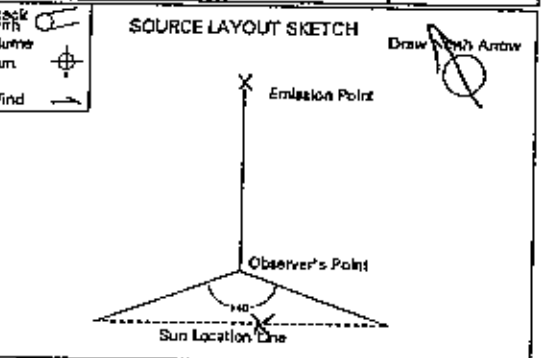
Form No. ONE OF ONE

COMPANY NAME CRIMSON PIPELINE
 STREET ADDRESS 1200 SPINAKER
 CITY VENTURA STATE CA ZIP 93004
 PHONE (KEY CONTACT) 805-331-8925 SOURCE ID NUMBER ICE CAT
 PROCESS EQUIPMENT PUMP ENGINE OPERATING MODE NORMAL
 CONTROL EQUIPMENT CATALYST OPERATING MODE NORMAL

DESCRIBE EMISSION POINT
ENGINE EXHAUST STACK
 HEIGHT ABOVE GROUND LEVEL 40' HEIGHT RELATIVE TO OBSERVER
 Start 35' End 35'
 DISTANCE FROM OBSERVER 100' DIRECTION FROM OBSERVER
 Start NW End NW

DESCRIBE EMISSIONS
 Start ICE EXHAUST End ICE EXHAUST
 EMISSION COLOR CLEAR CLEAR IF WATER DROPLET PLUME
 Start End
 POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
 Start STACK End STACK
 Start SUPLT End SUPLT

DESCRIBE PLUME BACKGROUND
 Start SKY End SKY
 BACKGROUND COLOR BLUE BLUE SKY CONDITIONS CLEAR CLEAR
 Start End Start End
 WIND SPEED 0-4 WIND DIRECTION
 Start End Start NE End NE
 AMBIENT TEMP WET BULB TEMP RH percent
 Start 71 End 71 66 65



OBSERVATION DATE	START TIME				END TIME				COMMENTS				
	Sec	Min	0	15	30	45	Sec	Min		0	15	30	45
1	7	10					31	0	0	0	0		
2	0	0	0	0	0	0	32	0	0	0	0		
3	0	0	0	0	0	0	33	0	0	0	0		
4	0	0	0	0	0	0	34	0	0	0	0		
5	0	0	0	0	0	0	35	0	0	0	0		
6	0	0	0	0	0	0	36	0	0	0	0		
7	0	0	0	0	0	0	37	0	0	0	0		
8	0	0	0	0	0	0	38	0	0	0	0		
9	0	0	0	0	0	0	39	0	0	0	0		
10	0	0	0	0	0	0	40	0	0	0	0		
11	0	0	0	0	0	0	41	0	0	0	0		
12	0	0	0	0	0	0	42	0	0	0	0		
13	0	0	0	0	0	0	43	0	0	0	0		
14	0	0	0	0	0	0	44	0	0	0	0		
15	0	0	0	0	0	0	45	0	0	0	0		
16	0	0	0	0	0	0	46	0	0	0	0		
17	0	0	0	0	0	0	47	0	0	0	0		
18	0	0	0	0	0	0	48	0	0	0	0		
19	0	0	0	0	0	0	49	0	0	0	0		
20	0	0	0	0	0	0	50	0	0	0	0		
21	0	0	0	0	0	0	51	0	0	0	0		
22	0	0	0	0	0	0	52	0	0	0	0		
23	0	0	0	0	0	0	53	0	0	0	0		
24	0	0	0	0	0	0	54	0	0	0	0		
25	0	0	0	0	0	0	55	0	0	0	0		
26	0	0	0	0	0	0	56	0	0	0	0		
27	0	0	0	0	0	0	57	0	0	0	0		
28	0	0	0	0	0	0	58	0	0	0	0		
29	0	0	0	0	0	0	59	0	0	0	0		
30	0	0	0	0	0	0	60	0	0	0	0		

HIGHEST OPACITY READING IS 0 NUMBER OF READINGS AT HIGHEST % OPACITY IS 0

If any individual readings are greater than _____ % opacity and there are more than 3 readings of _____ % for the 1-hour period, then 3 hours (thirty 8-minute averages) are to be observed. This facility will be in violation of local air permit conditions if there are 13 or more reads at or above 20%.

ADDITIONAL INFORMATION

SKETCH/PHOTO

OBSERVER'S NAME (PRINT) RYAN YADAGIHARA
 OBSERVER'S SIGNATURE [Signature] DATE 1/7/10
 ORGANIZATION AIRX TESTING
 CERTIFIED BY CARB 420544 DATE 7/23/09

CONTINUED ON VEO FORM NUMBER _____

SKETCH FLOW DIAGRAM

Date Reduction

Set No.	Min. Start-End	Opacity	
		St m	Avg
1	1-6		
2	7-12		
3	13-18		
4	19-24		
5	25-30		
6	31-36		
7	37-42		
8	43-48		
9	49-54		
10	55-60		

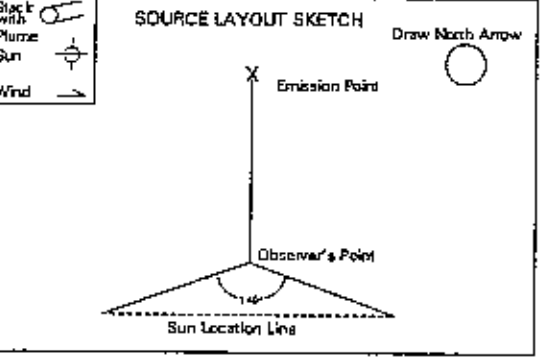
VISIBLE EMISSION OBSERVATION FORM

Test Point No. _____

Form No. _____

COMPANY NAME	
STREET ADDRESS	
CITY	STATE ZIP
PHONE (KEY CONTACT)	SOURCE ID NUMBER
PROCESS EQUIPMENT	OPERATING MODE
CONTROL EQUIPMENT	OPERATING MODE
DESCRIBE EMISSION POINT	
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER Start End
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER Start End
DESCRIBE EMISSIONS Start End	
EMISSION COLOR IF WATER DROPLET PLUME Start End	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED Start End	
DESCRIBE PLUME BACKGROUND Start End	
BACKGROUND COLOR	SKY CONDITIONS
WIND SPEED	WIND DIRECTION
AMBIENT TEMP	WET BULB TEMP RH, percent

OBSERVATION DATE	START TIME					END TIME					COMMENTS	
	Sec Min	0	15	30	45	Sec Min	0	15	30	45		
	1					31						
	2					32						
	3					33						
	4					34						
	5					35						
	6					36						
	7					37						
	8					38						
	9					39						
	10					40						
	11					41						
	12					42						
	13					43						
	14					44						
	15					45						
	16					46						
	17					47						
	18					48						
	19					49						
	20					50						
	21					51						
	22					52						
	23					53						
	24					54						
	25					55						
	26					56						
	27					57						
	28					58						
	29					59						
	30					60						



HIGHEST OPACITY READING IS _____

NUMBER OF READINGS AT HIGHEST % OPACITY IS _____

If any individual readings are greater than _____% opacity and there are more than 3 readings of _____% for the 1-hour period, then 3 hours (thirty 6-minute averages) are to be observed. This facility will be in violation of local air permh conditions if there are 13 or more reads at or above 20%.

ADDITIONAL INFORMATION

SKETCH/PHOTO

OBSERVER'S NAME (PRINT)

OBSERVER'S SIGNATURE DATE

ORGANIZATION

CERTIFIED BY DATE

CONTINUED ON VEO FORM NUMBER _____

SKETCH FLOW DIAGRAM

Data Reduction

Set No.	Min.		Opacity	
	Start-End	Sec	Min	Avg
1	1-6			
2	7-12			
3	13-18			
4	19-24			
5	25-30			
6	31-36			
7	37-42			
8	43-48			
9	49-54			
10	55-60			

Yanagihara, Ryan

Student ID #20544 is certified as a visible emission evaluator based on the score achieved and the criteria established by the U.S. EPA Reference Method 9.

Certification expires: January 22, 2010

Mary K. Boger
Authorized Signatory

July 23, 2009

Course date

Certified for: 100.1
100.1 = day, 100.2 = night

Average Dev.

White

Black

Sun glasses:

4.4

White

5.2

Black



California Environmental Protection Agency

AIR RESOURCES BOARD

VISIBLE EMISSION EVALUATION PROGRAM

Information on Future Schedule and Locations:

Day Recert: http://www.arb.ca.gov/CAP/100_1.htm

Night Recert: http://www.arb.ca.gov/CAP/100_2.htm

If a photocopy of your qualification form is required, please send a stamped self-addressed envelope to:
ARB, Enforcement Division, Compliance Assistance Section
P.O. Box 2815, Sacramento, CA 95812

CRIMSON PIPELINE, L.P.
VENTURA STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JD			JD	JD		
DATE	2/9/09	2/9		2/12	2/13		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	+			-	-		
ANY VISUAL EMISSIONS	-			-	-		
OPACITY G-3 - TIME	-			0700	0700		
ANY VISUAL EMISSIONS	-			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			N	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							

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

Comments:

CRIMSON PIPELINE, L.P.
VENTURA STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	GF	GF	Jo	TE			
DATE	2-23-9	2-24	2/25	2-26			
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
-----------------------	---------------	--	--	--	--	--	--

OPACITY G-1 - TIME	---	---	---	---			
ANY VISUAL EMISSIONS	---	---	---	---			
OPACITY G-3 - TIME	---	---	1200	0900			
ANY VISUAL EMISSIONS	---	---	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	YES	N	N	N			
MIXER SEAL	N	N	N	N			
PIG LAUNCHER	N	N	N	N			

STATION VISUAL *OK* *OK* *OK* *TE*

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

Comments:
