



**Crimson**  
Midstream, LLC

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VENTURA COUNTY  
2021 FEB 16 AM 10:09  
A.P.C.D.

February 11, 2021

Ventura County Air Pollution Control District  
Attn.: Keith Macias  
669 County Square Drive  
Ventura, CA 93003

Via USPS Priority  
Claim No. 70201810000112103896

**Subject: 2021 Title V Annual Compliance Certification  
Ventura Harbor Station, Facility ID 00082**

Dear Mr. Macias:

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, 2020 through December 31, 2020.

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

Respectfully,

*Valerie Muller*

Valerie Muller  
Environmental Specialist

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

Enclosures: Title V Annual Compliance Certification



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: <i>J.R. Jackson</i> Title: VP Engineering and Regulatory Compliance	Date: <i>2/5/21</i>
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Time Period Covered by Compliance Certification <u>01</u> / <u>01</u> / <u>20</u> (MM/DD/YY) to <u>12</u> / <u>31</u> / <u>20</u> (MM/DD/YY)
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## **Permit Attachment Form**



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1</p>	<p>D. Frequency of monitoring: <b>Annually</b></p>
<p>B. Description: External floating roof crude oil storage tank ≥ 40,000 gallons Rules 71.2B4, 71.2C.1, 71.2D, 71.2E</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Rule 71.2 Inspection</b></p>
<p>C. Method of monitoring: Primary and secondary seals were inspected on 5/26/2020.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>I</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Att. No. 71.4N1, Rules 71.4.B.2, 71.4.C.2</p>	<p>D. Frequency of monitoring: <b>Quarterly</b></p>
<p>B. Description: Sumps, pits, and ponds with covers. Fugitive emissions monitoring and integrity of cover</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>EPA Method 21</b></p>
<p>C. Method of monitoring: Quarterly fugitive emissions (Rule 74.10) inspections were conducted 3/18, 6/3, 8/12, and 12/22/2020. The integrity of the cover was verified. No leaks greater than 10,000 ppm were discovered.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Att. No. 74.9N3, Rules 74.9.B.1 and B.2</p>	<p>D. Frequency of monitoring: <b>Quarterly</b></p>
<p>B. Description: Stationary natural gas fired - rich-burn internal combustion engine quarterly inspections and biennial source test.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>CARB Method 100</b></p>
<p>C. Method of monitoring: Q1: 3/11 for G-1 S/N 72B01367; G-3 S/N 54050 exempt as per 74.9B(5) Q2: 6/24 for G-1 S/N 72B01367; G-3 S/N 54050 exempt as per 74.9B(5) Q3: 9/22 for G-1 S/N 72B01367; G-3 S/N 54050 exempt as per 74.9B(5) Q4: 12/28 for G-1 S/N 72B01367; G-3 S/N 54050 exempt as per 74.9B(5) The last Biennial Source Test was performed on 1/10/2019.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



Ventura County  
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## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Att. No. 40CFR63ZZZN5</b></p>	<p>D. Frequency of monitoring: Every 1,440 hours or annually, whichever comes first</p>
<p>B. Description: <b>RICE MACT for non-emergency 4SRB =&lt; 500 HP oil and filter change maintenance.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>Maintenance records, hours of operation.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>  Y  </u> G. Compliance Status? (C or I): <u>  C  </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>  N  </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <b>Att. No. PO0082PC1 - Cond. No. 1, Rule 26</b></p>	<p>D. Frequency of monitoring: <b>Monthly</b></p>
<p>B. Description: <b>Throughput and consumption limits.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>Facility throughput and fuel consumption for engines and/or tanks recorded monthly.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>  Y  </u> G. Compliance Status? (C or I): <u>  C  </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>  N  </u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <b>Att. No. PO0082PC1 - Cond. No. 2, Rule 26</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Combustion equipment shall burn only natural gas.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>Combustion equipment only burns natural gas.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>  Y  </u> G. Compliance Status? (C or I): <u>  C  </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>  N  </u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Att. No. PO0082PC1 - Cond. No. 3, Rule 29</p>	<p>D. Frequency of monitoring: <b>Monthly</b></p>
<p>B. Description: <b>Solvent usage and exemptions.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>Safety data sheets and additional information of any solvents used during this compliance period obtained and reviewed. Usage of required solvents logged monthly.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Att. No. PO0082PC2, Rules 26 and 74.9</p>	<p>D. Frequency of monitoring: <b>Quarterly</b></p>
<p>B. Description: <b>BACT for Caterpillar Engine G-1 - emissions limits (ROC, NOx, CO). Monitor Air:Fuel ratio controller readings quarterly.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>CARB Method 100</b></p>
<p>C. Method of monitoring: <b>Biennial source test last conducted on 1/10/2019. Air:Fuel ratio controllers monitored on Engine Data Sheets.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Att. No. 50, Rule 50</p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Opacity observation at the facility.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>EPA Method 9</b></p>
<p>C. Method of monitoring: <b>Opacity conducted by AirX Testing Services, Inc. on 1/10/2019. Opacity surveillance and visual inspections of emissions conducted and recorded on fugitive emission log.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Att. No. 54.B.1, Rule 54.B.1</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: Sulfur emissions from combustion operations at point of discharge; follow monitoring requirements under Rule 64.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>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.</p>	<p>F. Currently in Compliance? (Y or N): <u>  Y  </u> G. Compliance Status? (C or I): <u>  C  </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>  N  </u> *If yes, attach Deviation Summary Form</p>

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

<p>A. Attachment # or Permit Condition #: <b>Att. No. 55, Rule 55</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: Fugitive Dust.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: No dust generating activities were conducted at this facility during this compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>  Y  </u> G. Compliance Status? (C or I): <u>  C  </u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>  N  </u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Att. No. 57.1, Rule 57.1</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Particulate matter emissions from fuel burning equipment.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>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.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

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

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





## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Att. No. 74.10, Rule 74.10</b></p>	<p>D. Frequency of monitoring: <b>Quarterly</b></p>
<p>B. Description: <b>Fugitive leak and leak inspections.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>EPA Method 21</b></p>
<p>C. Method of monitoring: <b>Quarterly component leak detection inspections conducted on 3/18, 6/3, 8/12, and 12/22/2020. Routine surveillance at this unmanned facility recorded on fugitive emission log.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

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

<p>A. Attachment # or Permit Condition #: <b>Att. No. 74.22, Rule 74.22</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Requirements for natural gas-fired fan-type central furnaces,</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>This facility is not equipped with fan-type central furnaces.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Att. No. 74.1, Rule 74.1</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Abrasive blasting.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>No abrasive blasting activities were conducted at this facility during this compliance period.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <b>Att. No. 74.2, Rule 74.2</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Architectural coatings.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>No architectural coatings were applied at this facility during this compliance period.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

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



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## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Att. No. 74.29N3, Rule 74.29</b></p>	<p>D. Frequency of monitoring: <b>Intermittent</b></p>
<p>B. Description: <b>Soil decontamination operation.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>N/A</b></p>
<p>C. Method of monitoring: <b>No soil decontamination activities were conducted at this facility during this compliance period.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

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

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>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</p>



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## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<b>A. Attachment # or Permit Condition #:</b> Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	<b>B. Equipment description:</b> 150,000 BBL Crude Oil Storage Tank (COST)	<b>C. Deviation Period: Date &amp; Time</b> Begin: <u>May 2020</u> End: <u>May 29, 2020 at ~10am</u> When Discovered: Date & Time <u>May 26, 2020 at ~11am</u>
<b>D. Parameters monitored:</b> Operating order	<b>E. Limit:</b> Good	<b>F. Actual:</b> Holes in roof
<b>G. Probable Cause of Deviation:</b> Wear and tear		<b>H. Corrective actions taken:</b> Maintenance and repairs were performed upon discovery.

<b>A. Attachment # or Permit Condition #:</b> Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	<b>B. Equipment description:</b> 150,000 BBL Crude Oil Storage Tank (COST)	<b>C. Deviation Period: Date &amp; Time</b> Begin: <u>September 2020</u> End: <u>October 7, 2020 at ~1pm</u> When Discovered: Date & Time <u>October 1, 2020 at ~12pm</u>
<b>D. Parameters monitored:</b> Operating order	<b>E. Limit:</b> Good	<b>F. Actual:</b> Holes in roof
<b>G. Probable Cause of Deviation:</b> Wear and tear		<b>H. Corrective actions taken:</b> Maintenance and repairs were performed upon discovery.

<b>A. Attachment # or Permit Condition #:</b> Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	<b>B. Equipment description:</b> 150,000 BBL Crude Oil Storage Tank (COST)	<b>C. Deviation Period: Date &amp; Time</b> Begin: <u>October 2020</u> End: <u>October 30, 2020 at ~11am</u> When Discovered: Date & Time <u>October 26, 2020 at ~4:30pm</u>
<b>D. Parameters monitored:</b> Operating order	<b>E. Limit:</b> Good	<b>F. Actual:</b> Holes in roof
<b>G. Probable Cause of Deviation:</b> Wear and tear		<b>H. Corrective actions taken:</b> Maintenance and repairs were performed upon discovery.



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## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<b>A. Attachment # or Permit Condition #:</b> Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	<b>B. Equipment description:</b> 150,000 BBL Crude Oil Storage Tank (COST)	<b>C. Deviation Period: Date &amp; Time</b> Begin: <u>November 2020</u>  End: <u>December 2, 2020 at ~1pm</u> When Discovered: Date & Time <u>December 1st 2020 at ~8am</u>
<b>D. Parameters monitored:</b> Operating order	<b>E. Limit:</b> Good	<b>F. Actual:</b> Holes in roof
<b>G. Probable Cause of Deviation:</b> Wear and tear		<b>H. Corrective actions taken:</b> Maintenance and repairs were performed upon discovery.

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

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

## **Source Test Summary Form**



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant: NOx
C. Measured Emission Rate: 3.8 ppmv @ 15% O2	D. Limited Emission Rate: 9 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: 3/11/2020

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant: CO
C. Measured Emission Rate: 583 ppmv @ 15% O2	D. Limited Emission Rate: 1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: 3/11/2020

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant: NOx
C. Measured Emission Rate: Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: Q1

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant: CO
C. Measured Emission Rate: Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: Q1

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



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant:  NOx
C. Measured Emission Rate:  3.7 @ 15% O2	D. Limited Emission Rate:  9 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date:  6/24/2020

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant:  CO
C. Measured Emission Rate:  587 @ 15% O2	D. Limited Emission Rate:  1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date:  6/24/2020

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant:  NOx
C. Measured Emission Rate:  Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate:  25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date:  Q2

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant:  CO
C. Measured Emission Rate:  Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate:  4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date:  Q2

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





Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant: NOx
C. Measured Emission Rate: 4.8 ppmv @ 15% O2	D. Limited Emission Rate: 9 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: 9/22/2020

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant: CO
C. Measured Emission Rate: 251 ppmv @ 15% O2	D. Limited Emission Rate: 1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: 9/22/2020

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant: NOx
C. Measured Emission Rate: Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: Q3

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant: CO
C. Measured Emission Rate: Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: Q3

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



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant:  NOx
C. Measured Emission Rate:  7.5 ppmv @ 15% O2	D. Limited Emission Rate:  9 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:  AirX Testing Services, Inc.	F. Test Date:  12/28/2020

A. Emission Unit Description: 415 HP Caterpillar NG Rich Burn Engine G-1 (S/N 72B01367)			B. Pollutant:  CO
C. Measured Emission Rate:  408 ppmv @ 15% O2	D. Limited Emission Rate:  1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:  AirX Testing Services, Inc.	F. Test Date:  12/28/2020

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant:  NOx
C. Measured Emission Rate:  Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate:  25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:  AirX Testing Services, Inc.	F. Test Date:  Q4

A. Emission Unit Description: 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)			B. Pollutant:  CO
C. Measured Emission Rate:  Exempt as per Rule 74.9B.5(b)	D. Limited Emission Rate:  4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:  AirX Testing Services, Inc.	F. Test Date:  Q4

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. 00082 Inspection Date 5/26/2020 Time 11:00am  
Is this a Follow-up Inspection? Yes  No  If yes, Date of Previous Inspection: \_\_\_\_\_

**A. COMPANY INFORMATION:**

Company Name	<u>Crimson Pipeline L.P.</u>			
Location Address	<u>1200 Spinaker Road</u>	City	<u>Ventura</u>	Zip <u>93003</u>
Mailing Address	<u>210 North 12th Street</u>	City	<u>Santa Paula</u>	Zip <u>93060</u>
Contact Person	<u>Matt Smalley</u>	Title	<u>Supervisor</u>	
Phone	<u>714-743-8037</u>			

**B. INSPECTION CONDUCTED BY:**

Name	<u>Juan Reyes</u>	Title	<u>Inspector</u>	
Company Name	<u>Beacon Energy Services, Inc.</u>	Phone	<u>562-997-3087</u>	
Mailing Address	<u>2685 Temple ave</u>	City	<u>Signal Hill</u>	Zip <u>90755</u>

**C. TANK INFORMATION:**

Capacity	<u>150,000</u>	Installation Date	_____	Diameter	<u>150'</u>	Ht.	<u>51'</u>
Product Type	<u>Crude</u>	Product RVP	_____				
Type of Tank	<input type="checkbox"/> Riveted	<input checked="" type="checkbox"/> Welded	<input type="checkbox"/> Other (Describe) _____				
Color of Shell	<u>White</u>	Color of Roof	<u>White</u>				
Roof Type	<input checked="" type="checkbox"/> Pontoon	<input type="checkbox"/> Double Deck	<input type="checkbox"/> Other (Describe) _____				
	<input checked="" type="checkbox"/> External floating roof	<input type="checkbox"/> Internal floating roof					

**D. GROUND LEVEL INSPECTION:**

1) Product Temperature \_\_\_\_\_ Product Level 14' - 6"  
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. 00082

**G. FROM GAUGER PLATFORM:**

1) Observe the entire floating roof:

Is the roof badly warped or buckled? No  Yes  NA   
 Is there any obvious damage? No  Yes  NA

2) Are there liquid hydrocarbons on the roof? No  Yes  NA

3) Is there water ponding on the roof? No  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  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  Yes  If yes, measure length(s) and show on diagram

c) Does 1/8" probe drop past seal? No  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  Tube  Other

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

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

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  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*

NA

**VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT  
RULE 71.2 INSPECTION REPORT**

Tank No. 150305 Permit No. 00082

**L. CALCULATIONS** - Complete all applicable portions of the following:

Gaps in <u>Primary Seal</u> between <b>1/8"</b> and <b>1/2"</b>	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Primary Seal</u> between <b>1/2"</b> and <b>1-1/2"</b>	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Primary Seal</u> greater than <b>1-1/2"</b>	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Secondary Seal</u> between <b>1/8"</b> and <b>1/2"</b>	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Secondary Seal</u> > <b>1/2"</b>	<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  Yes
- 2) Were any tears in the seals found? No  Yes
- 3) Is the product level lower than the level at which the roof would be floating? No  Yes
- 4) Secondary Seal:
  - Did 1/2" probe drop between the shell and seal? No  Yes
  - Did cumulative 1/8" - 1/2" gap exceed 5% of the tank circumference length? No  Yes
- 5) Primary Seal:
  - Shoe
    - Did 1-1/2" probe drop between the shell and seal? No  Yes
    - Did cumulative 1/2" - 1-1/2" gap exceed 10% circumference length? No  Yes
    - Did cumulative 1/8" - 1/2" gap exceed 40% circumference length? No  Yes
    - Did any single continuous 1/8" - 1-1/2" gap exceed 10% circumference length? No  Yes
  - Tube
    - Did 1/2" probe drop between the shell and seal? No  Yes  NA
    - Did cumulative 1/8" - 1/2" gap exceed 95% circumference length? No  Yes  NA

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

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

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

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**VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT  
RULE 71.2 INSPECTION REPORT**

Tank No. 150305 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.

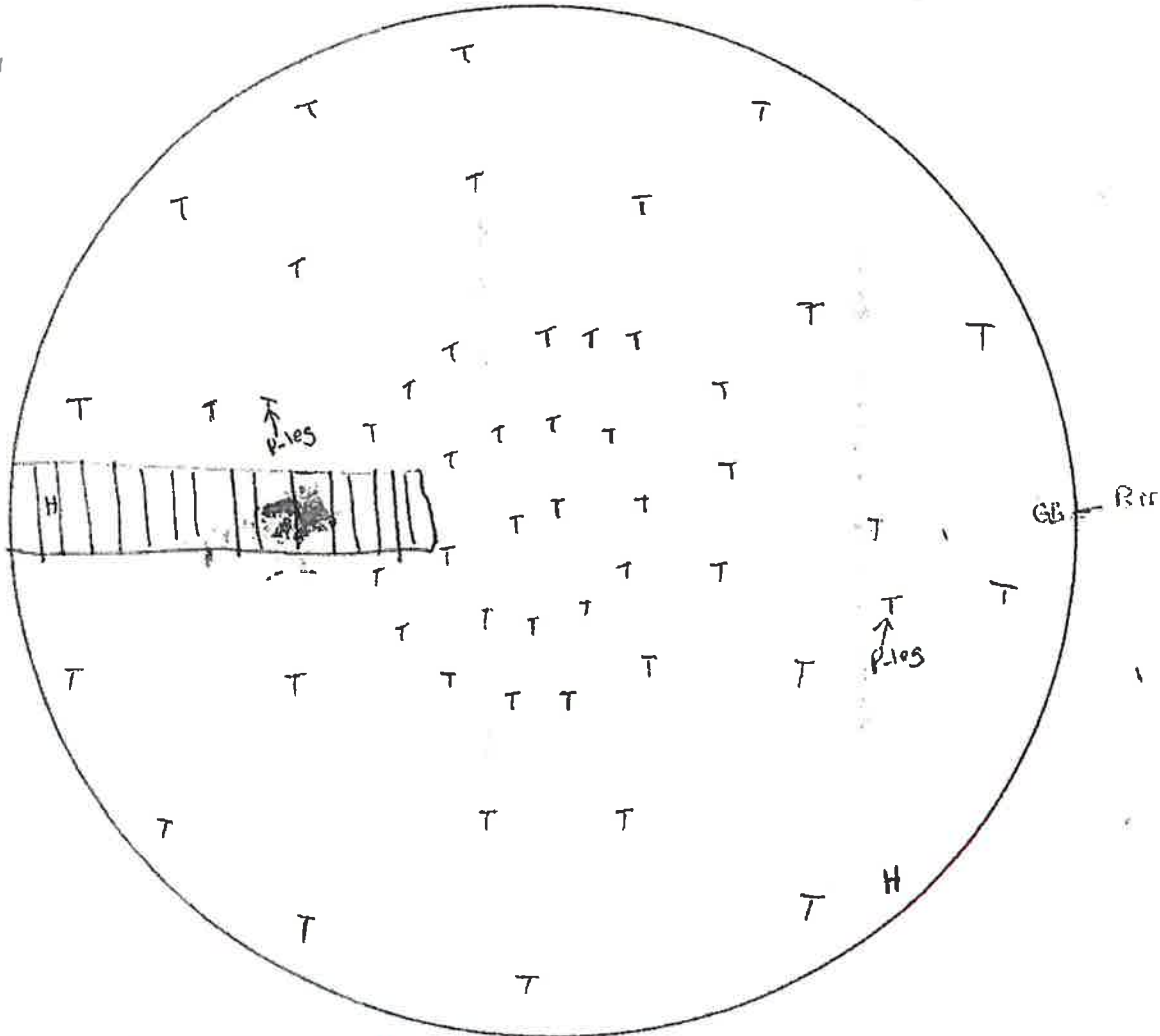
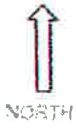
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
**TANK IS IN COMPLIANCE AT THIS TIME**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

Inspection completed by <i>signature</i>	<u>Miguel Lazalde</u> <i>MIGUEL LAZALDE</i> Cert ID	<u>ML003</u>	Date	<u>5/26/2020</u>
Compliance status by <i>signature</i>	<u>Robert Hoppenrath</u> <i>[Signature]</i> Cert ID	<u>RH003</u>	Date	<u>5/26/2020</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.*

TANK NUMBER	305	Total Primary Gaps (In)	0	Total Secondary Gaps (In)	0
-------------	-----	-------------------------	---	---------------------------	---



DEFECTS	
(-P-)	Primary Seal Gap
(-S-)	Secondary Seal Gap
⊙	Roof Drain
	Tear in Seal or Fabric

TANK EQUIPMENT	
∞	Pressure Vacuum Vent
H	Hatch
GP	Guide Pole
	Ladder
T	Leg Stand

\*Please show equipment on map above

INSPECTED BY: JUAN Rojas

SIGNATURE \_\_\_\_\_



**Attachment 71.4N1**

**Rule 74.10 Quarterly Component Leak Report**



Ventura County APCD  
Rule 74.10 Component Leak Report

Q1/2020

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	1	0	0	0

No Reportable Leaks for this Quarter  
Inspected on 03/18/2020



Ventura County APCD  
Rule 74.10 Component Leak Report

Q2/2020

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	1	0	0	0

No Reportable Leaks for this Quarter  
Inspected on 06/03/2020



Ventura County APCD  
Rule 74.10 Component Leak Report

Q3/2020

**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	1	0	0	0

**No Reportable Leaks for this Quarter  
Inspected on 08/12/2020**



Ventura County APCD  
Rule 74.10 Component Leak Report

Q4/2020

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	1	0	0	0

No Reportable Leaks for this Quarter  
Inspected on 12/22/2020

**Attachment 74.9N3**

**Quarterly Emissions Screenings / Biennial Source  
Test**

**SUMMARY OF SOURCE TEST RESULTS**  
**Quarterly Emission Testing**  
**Crimson Pipeline**  
**Ventura Harbor Pump Station**  
**CAT (S/N 72B01367)**

3/11/2020

			<i>Allowable</i>
<b>Oxides of Nitrogen</b>			
	ppmv	<i>13.5</i>	-
	ppmv @ 15% O2	<i>3.8</i>	<i>9</i>
<b>Carbon Monoxide (Actual)</b>			
	ppmv	<i>2063</i>	-
	ppmv @ 15% O2	<i>583</i>	<i>1000</i>
<b>Oxygen (O2),</b>	percent	<i>0.0</i>	-

*Note: Reported values represent a 15 minute average.*



April 30, 2020

Ed Swede  
Air Quality Engineer  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

Via E-mail  
[ed@vcapcd.org](mailto:ed@vcapcd.org)

**Subject: 2020 First Quarter Emission Testing Exemption  
465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)  
Ventura Harbor Station (Facility ID 00082)**

Dear Ed:

For the first quarter of 2020, the following equipment was exempt from Rule 74.9B.5 quarterly emission testing requirements:

- 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) at Ventura Harbor Station (ID 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 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) during the first quarter of 2020 are as follows:

MONTH	HOURS
January	0
February	0
March	0

The remaining equipment was tested on March 11<sup>th</sup> 2020:

- 415 HP Caterpillar NG Rich Burn Engine (S/N 72B01367) at Ventura Harbor Station (ID 00082)

The above-mentioned quarterly emission testing report is included with this letter. Should you have any questions, please do not hesitate to contact Crimson Environmental at (562) 285-4040.

Respectfully,

*Valerie Muller*

(e-signature)

Valerie Muller  
Environmental Specialist





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

6/24/2020

		<i>Allowable</i>
<b>Oxides of Nitrogen</b>		
ppmv	<b>13.2</b>	-
ppmv @ 15% O2	<b>3.7</b>	<b>9</b>
<b>Carbon Monoxide (Actual)</b>		
ppmv	<b>2079</b>	-
ppmv @ 15% O2	<b>587</b>	<b>1000</b>
<b>Oxygen (O2),</b>	percent	<b>0.0</b>
		-

*Note: Reported values represent a 15 minute average.*



August 5, 2020

Ed Swede  
Air Quality Engineer  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

Via E-mail  
[ed@vcapcd.org](mailto:ed@vcapcd.org)

**Subject: 2020 Second Quarter Emission Testing Exemption  
465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)  
Ventura Harbor Station (Facility ID 00082)**

Dear Ed:

For the second quarter of 2020, the following equipment was exempt from Rule 74.9B.5 quarterly emission testing requirements:

- 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) at Ventura Harbor Station (ID 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 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) during the second quarter of 2020 are as follows:

MONTH	HOURS
April	0
May	0
June	0

The remaining equipment was tested on June 24<sup>th</sup> 2020:

- 415 HP Caterpillar NG Rich Burn Engine (S/N 72B01367) at Ventura Harbor Station (ID 00082)

The above-mentioned quarterly emission testing report is included with this letter. Should you have any questions, please do not hesitate to contact Crimson Environmental at (562) 285-4040.

Respectfully,

*Valerie Muller*

(e-signature)

Valerie Muller  
Environmental Specialist



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

9/22/2020

			<i>Allowable</i>
<b>Oxides of Nitrogen</b>			
	ppmv	<b>16.9</b>	-
	ppmv @ 15% O2	<b>4.8</b>	<b>9</b>
<b>Carbon Monoxide (Actual)</b>			
	ppmv	<b>891</b>	-
	ppmv @ 15% O2	<b>251</b>	<b>1000</b>
<b>Oxygen (O2),</b>	percent	<b>0.0</b>	-

*Note: Reported values represent a 15 minute average.*



December 16, 2020

Ed Swede  
Air Quality Engineer  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

Via E-mail  
[ed@vcapcd.org](mailto:ed@vcapcd.org)

**Subject: 2020 Third Quarter Emission Testing Exemption  
465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)  
Ventura Harbor Station (Facility ID 00082)**

Dear Ed:

For the third quarter of 2020, the following equipment was exempt from Rule 74.9B.5 quarterly emission testing requirements:

- 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) at Ventura Harbor Station (ID 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 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) are as follows:

MONTH	HOURS
July	0
August	0
September	0

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

Respectfully,

*Valerie Muller*

(e-signature)

Valerie Muller  
Environmental Specialist



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

12/28/2020

		<i>Allowable</i>
<b>Oxides of Nitrogen</b>		
ppmv	26.5	-
ppmv @ 15% O2	7.5	9
<b>Carbon Monoxide (Actual)</b>		
ppmv	1446	-
ppmv @ 15% O2	408	1000
<b>Oxygen (O2),</b>	percent	0.0
<b>O2 Air/Fuel Controller</b>		
MV Left Bank	0.655	-
MV Right Bank	0.657	-
<b>Opacity, %</b>	0.0	10%

*Note: Reported values represent a 15 minute average.*



January 31, 2021

Ed Swede  
Air Quality Engineer  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

Via E-mail  
[ed@vcapcd.org](mailto:ed@vcapcd.org)

**Subject: 2020 Fourth Quarter Emission Testing Exemption  
465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050)  
Ventura Harbor Station (Facility ID 00082)**

Dear Ed:

For the fourth quarter of 2020, the following equipment was exempt from Rule 74.9B.5 quarterly emission testing requirements:

- 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) at Ventura Harbor Station (ID 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 465 HP Enterprise GSG-6 Rich Burn Engine (S/N 54050) are as follows:

MONTH	HOURS
October	0
November	0
December	0

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

Respectfully,

*Valerie Muller*

(e-signature)

Valerie Muller  
Environmental Specialist



**SUMMARY OF SOURCE TEST RESULTS**

**Crimson Pipeline  
Harbor  
Enterprise ICE  
1/10/2019**

<b>CONSTITUENTS</b>	<b>MEASURED VALUES</b>			<b>AVERAGE</b>	<b>Allowable</b>
	<b>Run #1</b>	<b>Run #2</b>	<b>Run #3</b>		
<b>Oxides of Nitrogen -</b>					
ppmv	24.0	24.3	23.8	24.0	-
ppmv @ 15% O2	6.8	6.9	6.7	6.8	25
lb/hr	0.063	0.064	0.062	0.063	-
lb/MMBtu	0.025	0.025	0.025	0.025	-
gm/BHP-hr	0.072	0.072	0.071	0.07	-
<b>Carbon Monoxide</b>					
ppmv	4857	5228	5314	5133	-
ppmv @ 15% O2	1374	1478	1500	1451	4500
lb/hr	7.75	8.34	8.47	8.19	-
lb/MMBtu	3.08	3.31	3.36	3.25	-
gm/BHP-hr	8.80	9.47	9.62	9.30	-
<b>Total Non-Methane/Ethane Hydrocarbons, as CH4</b>					
ppmv, dry	-	-	-	4.4	-
ppmv @ 15% O2, dry	-	-	-	1.2	250
lb/hr	0.0048	0.0046	0.0027	0.0040	-
<b>Oxygen, %</b>	0.0	0.0	0.0	0.0	-
<b>Stack Flowrate, dscfm</b>	366	366	366	366	-
<b>Moisture, %</b>	17.9	17.9	17.9	17.9	-
<b>Fuel Usage, cfm</b>	40.0	40.0	40.0	40.0	-



**SUMMARY OF SOURCE TEST RESULTS**

**Crimson Pipeline**

**Harbor**

**CAT ICE**

**1/10/2019**

<i>CONSTITUENTS</i>	<i>MEASURED VALUES</i>			<i>AVERAGE</i>	<i>ALLOWABLE</i>
	<i>Run #1</i>	<i>Run #2</i>	<i>Run #3</i>		
<b>Oxides of Nitrogen</b>					
ppmv	18.6	19.8	21.2	19.8	-
ppmv @ 15% O2	5.24	5.58	5.97	5.60	9
lb/hr	0.049	0.052	0.055	0.052	-
lb/MMBtu	0.019	0.021	0.022	0.021	-
gm/BHP-hr	0.053	0.057	0.061	0.057	-
<b>Carbon Monoxide (<i>Actual Observed</i>)</b>					
ppmv	191.4	133.4	113.2	146.0	-
ppmv @ 15% O2	54.01	37.65	31.97	41.21	1000
lb/hr	0.30	0.21	0.18	0.23	-
lb/MMBtu	0.12	0.084	0.072	0.092	-
gm/BHP-hr	0.33	0.23	0.20	0.25	-
<b>Carbon Monoxide (<i>10% Full Scale</i>)</b>					
ppmv	< 500	< 500	< 500	< 500	-
ppmv @ 15% O2	< 141	< 141	< 141	< 141	1000
lb/hr	< 0.80	< 0.80	< 0.80	< 0.80	-
lb/MMBtu	< 0.32	< 0.32	< 0.32	< 0.32	-
gm/BHP-hr	< 0.87	< 0.87	< 0.87	< 0.87	-
<b>Total Non-Methane/Ethane Hydrocarbons, as CH4</b>					
ppmv, dry	< 2.5	< 2.5	< 2.5	< 2.5	-
ppmv @ 15% O2, dry	-	-	-	< 0.9	100
lb/hr	< 0.0028	< 0.0028	< 0.0028	< 0.0028	-
<b>Oxygen, %</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	-
<b>Stack Flowrate, dscfm</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	-
<b>Moisture, %</b>	<b>17.9</b>	<b>17.9</b>	<b>17.9</b>	<b>17.9</b>	-
<b>Fuel Usage, cfm</b>	<b>40.0</b>	<b>40.0</b>	<b>40.0</b>	<b>40.0</b>	-



**40 CFR 63ZZZN7**

**Maintenance Records and Hours of Operations**

*Handwritten signature*



### ENGINE DATA SHEET

LOCATION: V. Harbor #00082

ENGINE:  Caterpillar G-1  
 Enterprise G-3

**A. ENGINE TIMER**

START DATE: 6/15/20 FINISH DATE: 6/21/20

ENGINE HOUR: 9310 ENGINE HOUR: 9356

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)					383	367.3	
SUCTION PRESSURE (psi)					110	107.1	
ENGINE RPM'S					904	906	
JACKET WATER PRESURE (psi)							
JACKET WATER TEMP (°F)	D		D				
HEAT EXCHANGER TEMP (°F)	D		D	D	130	126	
INBOARD BEARING TEMP (°F)			O	D			
OUTBOARD BEARING TEMP (°F)	O		W	O			
FRONT AIR/FUEL PRESSURE (psi)					613	610	
REAR AIR/FUEL PRESSURE (psi)			W		625	625	
LUBE OIL LEVEL	W			W	1/2	1/2	
OIL ADDED TO ENGINE (gal)					0	+	
LUBE OIL ENG PRESS (psi)							
GEAR BOX OIL PRESSURE (psi)	W			W			
LUBE OIL FILTER	W						
CONVERTER TEMP TC-1 (°F)					777	766	
CONVERTER TEMP TC-2 (°F)					721	710	
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)					210	210	
WATER MAKE-UP TANK LEVEL					Full	FULL	
GAS METER READING							
INITIAL:	SL		SL	SL	SL	SL	
DATE:	6/15		6/17	6/18	6/19	6/20	



# ENGINE DATA SHEET

LOCATION: V. Harbor #00082

ENGINE:  Caterpillar G-1

Enterprise G-3

## A. ENGINE TIMER

START DATE: 7/6/2020

FINISH DATE: 7/12/2020

ENGINE HOUR: 9439

ENGINE HOUR: 9463

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)	364				317		
SUCTION PRESSURE (psi)	101				107		
ENGINE RPM'S	900				901		
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)	613		0	0	613		0
REAR AIR/FUEL PRESSURE (psi)	624		0	0	624		0
LUBE OIL LEVEL			0	0			u
OIL ADDED TO ENGINE (gal)							u
LUBE OIL ENG PRESS (psi)	65		W	W	65		u
GEAR BOX OIL PRESSURE (psi)							
LUBE OIL FILTER			N	W			
CONVERTER TEMP TC-1 (°F)	663				283		
CONVERTER TEMP TC-2 (°F)	648				242		
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	Full				Full		
GAS METER READING	-				/		
INITIAL:	SP		SP	TH	SP		CS
DATE:	7/6		7/8	7/9	7/10		7/12



# ENGINE DATA SHEET

LOCATION: V. Harbor #00082

ENGINE:  Caterpillar G-1

Enterprise G-3

## A. ENGINE TIMER

START DATE: 8/3/2017

FINISH DATE: 8/11/20

ENGINE HOUR: 9615

ENGINE HOUR: 9681

B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)	314	335	340				
SUCTION PRESSURE (psi)	100	100	108				
LUBE OIL LEVEL	1/2	1/2	1/2				
OIL ADDED TO ENGINE (gal)	0	0	0				
AIR PRESSURE (psi)							
CONVERTER TEMP TC-1 (°F)	732	730	735				
CONVERTER TEMP TC-2 (°F)	748	690	694				
FRONT AIR/FUEL PRESSURE (psi)	609	611	611				
REAR AIR/FUEL PRESSURE (psi)	611	675	675				
ENGINE RPM'S	828	895	700				
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
GEAR BOX OIL PRESSURE (psi)							
INBOARD BEARING TEMP (°F)				D	D		
OUTBOARD BEARING TEMP (°F)				O	O		
WATER MAKE-UP TANK LEVEL	Full	Full	Full	✓	✓		
JACKET WATER PRESURE (psi)				N	N		
JACKET WATER TEMP (°F)							
HEAT EXCHANGER TEMP (°F)							
LUBE OIL ENG PRESS (psi)							
LUBE OIL FILTER							
GAS METER READING							

INITIAL: SL    SD    SL    SL    SL

DATE: 8/3    8/4    8/5    8/6    8/7



# ENGINE DATA SHEET

LOCATION: V. Harbor #00082

ENGINE:  Caterpillar G-1

Enterprise G-3

A. ENGINE TIMER							
START DATE:	<u>9-21-20</u>			FINISH DATE:	<u>9/27/2020</u>		
ENGINE HOUR:	<u>9942</u>			ENGINE HOUR:	<u>09980</u>		
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		324.4		324.1			
SUCTION PRESSURE (psi)		106.8		107			
LUBE OIL LEVEL		1/2		1/2			
OIL ADDED TO ENGINE (gal)		-		-			
AIR PRESSURE (psi)		180		185			
CONVERTER TEMP TC-1 (°F)		658		701			
CONVERTER TEMP TC-2 (°F)		636		660			
FRONT AIR/FUEL PRESSURE (psi)		750		750			
REAR AIR/FUEL PRESSURE (psi)		760		760			
ENGINE RPM'S		912	D	926			
CYLINDER #1 (°F)			0				
CYLINDER #2 (°F)			W				
CYLINDER #3 (°F)			N		D		
CYLINDER #4 (°F)					0		
CYLINDER #5 (°F)					W		
CYLINDER #6 (°F)					N		
GEAR BOX OIL PRESSURE (psi)	D						
INBOARD BEARING TEMP (°F)	0						
OUTBOARD BEARING TEMP (°F)	W						
WATER MAKE-UP TANK LEVEL	N	Full		Full			
JACKET WATER PRESURE (psi)		15		15			
JACKET WATER TEMP (°F)		170		175			
HEAT EXCHANGER TEMP (°F)		70		104			
LUBE OIL ENG PRESS (psi)		60		65			
LUBE OIL FILTER		-		-			
GAS METER READING							
INITIAL:	JO	CH	CH	CH	CH		
DATE:	9/21	9/22	9/23	9/24	9/25		



# ENGINE DATA SHEET

LOCATION: V. Harbor #00082

ENGINE  Caterpillar G-1  
 Enterprise G-3

## A. ENGINE TIMER

START DATE: 11/16/2020

FINISH DATE: 11/23/20

ENGINE HOUR: 10158

ENGINE HOUR: 10161

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)						650	
SUCTION PRESSURE (psi)						116	
ENGINE RPM'S						943	
JACKET WATER PRESURE (psi)						22	
JACKET WATER TEMP (°F)						170	
HEAT EXCHANGER TEMP (°F)						142	
INBOARD BEARING TEMP (°F)						-	
OUTBOARD BEARING TEMP (°F)						-	
FRONT AIR/FUEL PRESSURE (psi)						655	
REAR AIR/FUEL PRESSURE (psi)						648	
LUBE OIL LEVEL						1/4	
OIL ADDED TO ENGINE (gal)						-	
LUBE OIL ENG PRESS (psi)						65	
GEAR BOX OIL PRESSURE (psi)						-	
LUBE OIL FILTER						-	
CONVERTER TEMP TC-1 (°F)						785	
CONVERTER TEMP TC-2 (°F)						735	
CYLINDER #1 (°F)	D	D	D	D	D	-	
CYLINDER #2 (°F)	O	O	O	O	O	-	
CYLINDER #3 (°F)	W	W	W	W	W	-	
CYLINDER #4 (°F)	R	R	R	R	R	-	
CYLINDER #5 (°F)						-	
CYLINDER #6 (°F)						-	
AIR PRESSURE (psi)						190	
WATER MAKE-UP TANK LEVEL						Full	
GAS METER READING							
INITIAL:	SL	SL	SL	SL	SL	JB	
DATE:	11/16	11/17	11/18	11/19	11/20	11/21	



# ENGINE DATA SHEET

LOCATION: V. Harbor #00082

ENGINE:  Caterpillar G-1

Enterprise G-3

## A. ENGINE TIMER

START DATE: 12/14/20

FINISH DATE: 12/30/20

ENGINE HOUR: 10215

ENGINE HOUR: 10233

Oil change due in 100 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)		695		703			
WATER PUMP PRESSURE (psi)		111		109			
WATER PRESSURE (psi)		784		741			
WATER PUMP OIL PRESSURE (psi)		26					
WATER TEMPERATURE (°F)		160					
WATER PUMP TEMPERATURE (°F)		135					
WATER TEMPERATURE (°F)		-					
WATER BEARING TEMPERATURE (°F)		-					
AIR FUEL PRESSURE (psi)		656		656			
AIR PRESSURE (psi)		651		654			
FUEL TO ENGINE (gal)		14		14			
WATER OIL ENG PRESS (psi)		65		65			
WATER PRESSURE (psi)		-					
WATER TEMPERATURE		-					
CONVERTER TEMP TC-1 (°F)		744		822			
CONVERTER TEMP TC-2 (°F)		650		772			
CYLINDER #1 (°F)		-					
CYLINDER #2 (°F)		-					
CYLINDER #3 (°F)		-					
CYLINDER #4 (°F)		-					
CYLINDER #5 (°F)		-					
CYLINDER #6 (°F)		-					
AIR PRESSURE (psi)		190		190			
WATER MAKE-UP TANK LEVEL		Full		Full			
GAS METER READING							

INITIAL: Jo af af

DATE: 12/15 12/17 12/19



**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: <input type="checkbox"/> G-1 Enterprise G-SG6	DATE: <u>6/15/20</u>
<input type="checkbox"/> G-2 Enterprise G-SG6	ENGINE HOURS: <u>28392</u>
<input checked="" type="checkbox"/> G-3 Enterprise G-SG6	NEXT INSPECTION HOURS: <u>6/15/21</u>
<input type="checkbox"/> G-1 Caterpillar G-379	OR ANNUALLY ON: <u>29832</u>
TYPE: Natural Gas	(whichever comes first)
B. INSPECTION	
1. ENGINE OIL	
Oil Analysis Sample: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Changed	
Filter: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Changed	
Comments:	<hr/> <hr/> <hr/>
2. SPARK PLUGS <input type="checkbox"/> Good <input checked="" type="checkbox"/> Replaced	
Comments:	<hr/> <hr/> <hr/>
3. HOSES AND BELTS <input checked="" type="checkbox"/> Good <input type="checkbox"/> Replaced	
Comments:	<hr/> <hr/> <hr/>

INSPECTED BY:

J. Oliver

DATE:

6/15/20





**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: <input type="checkbox"/> G-1 Enterprise G-SG6	DATE: <u>7/31/20</u>
<input type="checkbox"/> G-2 Enterprise G-SG6	ENGINE HOURS: <u>9615</u>
<input type="checkbox"/> G-3 Enterprise G-SG6	NEXT INSPECTION HOURS: <u>11055</u>
<input checked="" type="checkbox"/> G-1 Caterpillar G-379	OR ANNUALLY ON: <u>7/31/21</u>
TYPE: Natural Gas	(whichever comes first)
B. INSPECTION	
1. ENGINE OIL	
Oil Analysis Sample: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Changed	
Filter: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Changed	
Comments: <u>4 - Filters IR-0659</u>	
2. SPARK PLUGS <input checked="" type="checkbox"/> Good <input type="checkbox"/> Replaced	
Comments: _____	
3. HOSES AND BELTS <input checked="" type="checkbox"/> Good <input type="checkbox"/> Replaced	
Comments: _____	

INSPECTED BY:

JL Olin

DATE:

7/31/20





**ENGINE SERVICE REPORT**

LOCATION:  Torrey #00385

Ventura Harbor #00082

**A. ENGINE INFORMATION**

ENGINE:  G-1 Enterprise GSG-6

TYPE: Natural Gas

G-2 Enterprise GSG-6

ENGINE HOURS: 10112

G-3 Enterprise GSG-6

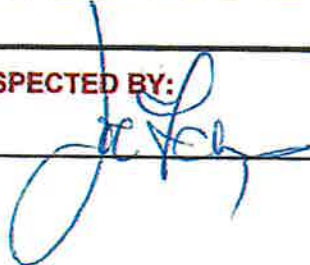
TYPE OF SERVICE: REPAIR

G-1 Caterpillar G-379

**B. MAINTENANCE/SERVICE PERFORMED:**

REPLACED HOSE CLAMPS ON OIL COOLER  
AND O<sub>2</sub> SENSORS.

INSPECTED BY:



DATE:

11/4/20

**Attachment P00386PC1**

**Monthly Throughput and Facility Fuel Consumption**



**HARBOR STATION FUEL USE & SEALS IN OPERATION 2020**

MONTH	FUEL (CUBIC FEET)		YEAR %	FUEL (CUBIC FEET)	YEAR %	FUEL USE (CUBIC FEET)		BBL'S. TANK THROUGHPUT	HOURS		HOURS YEAR %	HOURS G3	HOURS YEAR %	HOURS TOTAL	SOLVENT (GALLONS)	**PAINT (GALLONS)	HOURS TOTAL	SEALS IN OP. YEAR %	BBL'S. TANK THROUGHPUT	1000 GAL THROUGHPUT YEAR %	1000 GAL THROUGHPUT YEAR
	G1	G2				TOTAL	G1		G2	G1											
JAN	351,400	0	0.03%	351,400	#DIV/0!	351,400	0	118,749	161	7.92%	0	0.00%	161	0	0	161	7.92%	118,749	7.64%	4,987.5	
FEB	357,500	0	0.19%	357,500	#DIV/0!	357,500	0	118,749	187	9.19%	0	0.00%	187	0	0	187	9.19%	118,749	7.64%	4,987.5	
MAR	454,600	0	11.68%	454,600	#DIV/0!	454,600	0	203,588	257	12.64%	0	0.00%	257	0	0	257	12.64%	203,588	13.09%	8,550.7	
APR	497,100	0	12.77%	497,100	#DIV/0!	497,100	0	219,866	273	13.42%	0	0.00%	273	0	0	273	13.42%	219,866	14.14%	9,234.4	
MAY	258,500	0	6.84%	258,500	#DIV/0!	258,500	0	122,369	152	7.47%	0	0.00%	152	0	0	152	7.47%	122,369	7.87%	5,139.5	
JUN	265,600	0	8.83%	265,600	#DIV/0!	265,600	0	124,828	158	7.77%	0	0.00%	158	0	0	158	7.77%	124,828	8.03%	5,242.8	
JUL	347,500	0	8.93%	347,500	#DIV/0!	347,500	0	156,598	196	9.64%	0	0.00%	196	0	0	196	9.64%	156,598	10.07%	6,577.1	
AUG	359,500	0	8.24%	359,500	#DIV/0!	359,500	0	155,713	197	9.69%	0	0.00%	197	0	0	197	9.69%	155,713	10.01%	6,539.9	
SEP	346,300	0	8.90%	346,300	#DIV/0!	346,300	0	148,518	189	8.29%	0	0.00%	189	0	0	189	8.29%	148,518	9.55%	6,237.8	
OCT	194,200	0	4.99%	194,200	#DIV/0!	194,200	0	87,422	111	5.46%	0	0.00%	111	0	0	111	5.46%	87,422	5.62%	3,671.7	
NOV	229,300	0	5.89%	229,300	#DIV/0!	229,300	0	52,901	75	3.89%	0	0.00%	75	0	0	75	3.89%	52,901	3.40%	2,221.8	
DEC	229,800	0	5.91%	229,800	#DIV/0!	229,800	0	45,543	78	3.83%	0	0.00%	78	0	0	78	3.83%	45,543	2.93%	1,912.8	
<b>TOTAL</b>	<b>3,891,300</b>	<b>0</b>	<b>100.00%</b>	<b>3,891,300</b>	<b>#DIV/0!</b>	<b>3,891,300</b>	<b>0</b>	<b>1,554,844</b>	<b>2034</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>	<b>2034</b>	<b>0</b>	<b>0</b>	<b>2034</b>	<b>100.00%</b>	<b>1,554,844</b>	<b>100.00%</b>	<b>65,303.4</b>	

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

**Attachment Number 50**

**Opacity Observation/Fugitive Emission Inspection  
Logs**



**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
G-3 PUMP SEAL	N		N	N	N		N
STATION VALVES	N		N	N	N		N
TANK VALVES	N		N	N	N		N
SUMP	N		N	N	N		N
BOOSTER SEAL	N		N	N	N		N
MIXER SEAL	N		N	N	N		N
PIG LAUNCHER	N		N	N	N		N
INITIAL:	SP		SP	SP	SP		SP
DATE:	6/15		6/17	6/18	6/19		6/21
B. OPACITY CHECK							
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL		
Caterpillar G-1	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	6/19	8:00 am	TD		
Enterprise G-3	<input type="checkbox"/> Y	<input type="checkbox"/> N					
C. COMMENTS							



**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
G-3 PUMP SEAL	N		N	N	N		N
STATION VALVES	N		N	N	N		N
TANK VALVES	N		N	N	N		N
SUMP	N		N	N	N		N
BOOSTER SEAL	N		N	N	N		N
MIXER SEAL	N		N	N	N		N
PIG LAUNCHER	N		N	N	N		N
7/6/20 INITIAL:	SP		SP	SP	SP		CS
DATE:	7/6		7/8	7/9	7/10		7-12
B. OPACITY CHECK							
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL		
Caterpillar G-1	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	7/6	8:30	SP		
Enterprise G-3	<input type="checkbox"/> Y	<input type="checkbox"/> N					
C. COMMENTS							





**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		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TANK VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
<b>INITIAL:</b>	SP	TH	SP	SP	SP		
<b>DATE:</b>	8/3	8/4	8/5	8/6	8/7		
B. OPACITY CHECK							
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL		
Caterpillar G-1	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	8/3	6:00	SP		
Enterprise G-3	<input type="checkbox"/> Y	<input type="checkbox"/> N					
C. COMMENTS							



**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		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TANK VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
INITIAL:	Jo	CH	CH	CH	CH		
9/21/20 DATE:	9/21	9/22	9/23	9/24	9/25		
B. OPACITY CHECK							
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL		
Caterpillar G-1	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	9/22	0800	CH		
Enterprise G-3	<input type="checkbox"/> Y	<input type="checkbox"/> N					
C. COMMENTS							



**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:	EP	EP	EP	EP	EP	EP	
11/16/2020 DATE:	11/16	11/17	11/18	11/19	11/20	11/21	
B. OPACITY CHECK							
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL		
Caterpillar G-1	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	11-21-20	0800	JS		
Enterprise G-3	<input type="checkbox"/> Y	<input type="checkbox"/> N					
C. COMMENTS							



**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		
G-3 PUMP SEAL		N		N	N		
STATION VALVES		N		N	N		
TANK VALVES		N		N	N		
SUMP		N		N	N		
BOOSTER SEAL		N		N	N		
MIXER SEAL		N		N	N		
PIG LAUNCHER		N		N	N		
<b>INITIAL:</b>		JG		JG	JG		
<b>DATE:</b>	12/15/20	12/15		12/17	12/18		
B. OPACITY CHECK							
ENGINE	VISUAL EMISSIONS		DATE	TIME	INITIAL		
Caterpillar G-1	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	12/15/20	0700	JG		
Caterpillar G-3	<input type="checkbox"/> Y	<input type="checkbox"/> N					
C. COMMENTS							