

VENTURA COUNTY
2019 FEB 15 AM 10: 55
A.P.C.D.

February 8, 2019

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

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

Subject:

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

Dear Mr. Searcy:

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

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

Respectfully,

Valerie Muller

Environmental Specialist

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

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



ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

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

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

Confidentiality

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

Certification by Responsible Official

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

Signature and Title of Responsible Official:	Date:
Da	2/14/2019
Title: President	

Time Period Covered by Compliance Certification

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





A. Attachment # or Permit Condition #: Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	D. Frequency of monitoring:
B. Description:	Annually
External floating roof crude oil storage tank ≥ 40,000 gallons Rules 71.2B4, 71.2C.1, 71.2D, 71.2E	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Rule 71.2 Inspection
C. Method of monitoring: Primary and secondary seals were inspected on 6/13/2018.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): I H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 71.4N1, Rules 71.4.B.2, 71.4.C.2 B. Description:	D. Frequency of monitoring: Quarterly
Sumps, pits, and ponds with covers. Fugitive emissions monitoring and integrity of cover	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 21
C. Method of monitoring: Quarterly fugitive emissions (Rule 74.10) inspections were conducted 2/21/2018; 6/21/2018; 9/19/2018; and 11/27/2018. The integrity of the cover was verified. No leaks greater than 10,000 ppm were discovered.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 74.9N3, Rules 74.9.B.1 and B.2 B. Description: Stationary natural gas fired - rich-burn internal combustion engine	D. Frequency of monitoring: Quarterly
quarterly inspections and biennial source test.	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 100
C. Method of monitoring: Quarterly Emissions testing conducted on 2/22/2018 (G3 only); 6/20/2018; 9/26/2018 (G3 only); 10/31/2018 (G1 only) and 12/20/2018. G-1 was exempt for Q1 of 2018 as per Rule 74.9B(5). The Biennial Source Test was last conducted on 1/13/2017.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): 1 H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form



Period Covered by Compliance Certification:	01	1_	01	1	18	(MM/DD/YY) to	12	1.	31	1.	18_	(MM/DD/YY)	

A. Attachment # or Permit Condition # Att. No. 40CFR63ZZZZN5	D. Frequency of monitoring:				
B. Description: RICE MACT for non-emergency 4SRB =< 500 HP oil and filter	Every 1,440 hours or annually, whichever comes first				
change maintenance.	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A				
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y				
Maintenance records, hours of operation.	G. Compliance Status? (C or I):C				
	H. *Excursions, exceedances, or other non-compliance? (Y or N): N				
	*If yes, attach Deviation Summary Form				
A. Attachment # or Permit Condition #: Att. No. PO0082PC1 - Cond. No. 1, Rule 26	D. Frequency of monitoring:				
B. Description:	Monthly				
Throughput and consumption limits.					
	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A				
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y				
Facility throughput and fuel consumption for engines and/or tanks recorded monthly.	G. Compliance Status? (C or I): C				
recorded monthly.	H. *Excursions, exceedances, or				
	other non-compliance? (Y or N): N				
	*If yes, attach Deviation Summary Form				
A. Attachment # or Permit Condition #: Att. No. PO0082PC1 - Cond. No. 2, Rule 26	D. Frequency of monitoring:				
B. Description:	Intermittent				
Combustion equipment shall burn only natural gas.					
	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable				
	N/A				
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y				
Combustion equipment only burns natural gas.	G. Compliance Status? (C or I):C				
	H. *Excursions, exceedances, or other non-compliance? (Y or N): N				
	other non-compliance? (Y or N): N				



A. Attachment # or Permit Condition #: Att. No. PO0082PC1 - Cond. No. 3, Rule 29 B. Description: Solvent usage and exemptions.	D. Frequency of monitoring: Monthly E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Safety data sheets and additional information of any solvents used during this compliance period obtained and reviewed. Usage of required solvents logged monthly.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. PO0082PC2, Rules 26 and 74.9 B. Description: BACT for Caterpillar Engine G-1 - emissions limits (ROC, NOx, CO). Monitor Air:Fuel ratio controller readings quarterly.	D. Frequency of monitoring: Quarterly E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 100
C. Method of monitoring: Biennial source test last conducted on 1/13/2017. Air:Fuel ratio controllers monitored on Engine Data Sheets.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 50, Rule 50 B. Description: Opacity observation at the facility.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9
C. Method of monitoring: Opacity conducted by AirX Testing Services, Inc. on 1/13/2017. Opacity surveillance and visual inspections of emissions conducted and recorded on fugitive emission log.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form



A. Attachment # or Permit Condition #. Att. No. 54.B.1, Rule 54.B.1	D. Frequency of monitoring:
B. Description: Sulfur emissions from combustion operations at point of discharge;	Intermittent
follow monitoring requirements under Rule 64.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Facility follows monitoring requirements under Rule 64. Only PUC grade natural gas combusted at this facility. No additional periodic monitoring required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition # Att. No. 54.B.2, Rule 54.B.2	D. Frequency of monitoring:
B. Description: Emission of sulfur compunds.	Intermittent
0.43	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring. Only PUC grade natural gas combusted at this facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition # Att. No. 55, Rule 55	D. Frequency of monitoring:
B. Description: Fugitive Dust.	Intermittent
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No dust generating activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N



A. Attachment # or Permit Condition #: Att. No. 57.1, Rule 57.1	D. Frequency of monitoring
B. Description: Particulate matter emissions from fuel burning equipment.	Intermittent
	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: This facility does not have any fuel burning equipment such as boilers, steam generators, process heaters, water heaters, flares, and gas turbines. Internal combustion engines do not apply.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 64.B.1, Rule 64.B.1 B. Description: Sulfur content of fuels - gaseous fuel requirements.	D. Frequency of monitoring: Intermittent
	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Only PUC grade natural gas combusted at this facility. No periodic monitoring required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 74.6, Rule 74.6 B. Description: Solvent cleaning activities.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No reportable solvents used at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form



	D. Francisco of manifestors
A. Attachment # or Permit Condition # Att. No. 74.10, Rule 74.10	D. Frequency of monitoring:
B. Description:	Quarterly
Fugitive leak and leak inspections.	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 21
C. Method of monitoring: Quarterly component leak detection inspections conducted on 2/21/2018; 6/21/2018; 9/19/2018; and 11/27/2018. Routine surveillance at this unmanned facility recorded on fugitive emission log.	F. Currently in Compliance? (Y or N):Y G. Compliance Status? (C or I):C H. *Excursions, exceedances, or other non-compliance? (Y or N):N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 74.11.1, Rule 74.11.1	D. Frequency of monitoring
B. Description: Large water heaters and small boilers.	Intermittent
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: This facility is not equipped with large water heaters or small boilers.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 74.22, Rule 74.22	D. Frequency of monitoring:
B. Description: Requirements for natural gas-fired fan-type central furnaces,	Intermittent
	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: This facility is not equipped with fan-type central furnaces.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form



A. Attachment # or Permit Condition #: Att. No. 74.1, Rule 74.1 B. Description: Abrasive blasting. C. Method of monitoring: No abrasive blasting activities were conducted at this facility during this compliance period.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A F. Currently in Compliance? (Y or N):Y G. Compliance Status? (C or I):C_ H. *Excursions, exceedances, or other non-compliance? (Y or N):N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 74.2, Rule 74.2 B. Description: Architectural coatings.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No architectural coatings were applied at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #: Att. No. 74.26, Rule 74.26 B. Description: Crude oil storage tank degassing operations.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No crude oil storage tank degassing activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form



A. Attachment # or Permit Condition #: Att. No. 74.29N3, Rule 74.29	D. Frequency of monitoring.
B. Description:	Intermittent
Soil decontamination operation.	Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No soil decontamination activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #. Att. No. 40CFR.61.M, Rule 40 CFR Part 61, Subpart M	D. Frequency of monitoring:
B. Description: National emission standards for asbestos.	Intermittent
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No asbestos removal, renovation, or demolition activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form
A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): G. Compliance Status? (C or I): H. *Excursions, exceedances, or other non-compliance? (Y or N): *If yes, attach Deviation Summary Form





A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich	Burn Engine G-1		NOx
C. Measured Emission Rate: Exempt per Rule 74.9B(5)	D. Limited Emission Rate: 9 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: N/A	F. Test Date: N/A
A. Emission Unit Description:	3		B. Pollutant:
115 HP Caterpillar NG Rich	Burn Engine G-1		co
C. Measured Emission Rate: Exempt per Rule 74.9B(5)	D. Limited Emission Rate: 1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: N/A	F. Test Date:
A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate: 18.3 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: 2/22/2018
A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 N	IG Rich Burn Engine G-3		со
	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 2/22/2018
C. Measured Emission Rate: 3,954 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	Significant Assessment
		AirX Testing Services, Inc.	B. Pollutant:

Page ____ of ___



A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich	Burn Engine G-1		NOx
C. Measured Emission Rate: 3.5 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: 6/20/2018
A. Emission Unit Description:	2		B. Pollutant:
415 HP Caterpillar NG Rich	Burn Engine G-1		co
C. Measured Emission Rate:	D. Limited Emission Rate: 1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 6/20/2018
759 ppmv @ 15% O2	1,000 ppilly @ 1578 O2	AirX Testing Services, Inc.	0/20/2010
A. Emission Unit Description: 465 HP Enterprise GSG-6 N			B. Pollutant:
C. Measured Emission Rate: 11.9 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	F. Test Date: 6/20/2018
11.9 ppmv @ 15% O2	25 ppmv @ 15% O2	Monitoring Record Citation:	6/20/2018
11.9 ppmv @ 15% O2 A. Emission Unit Description:	25 ppmv @ 15% O2	Monitoring Record Citation:	
A. Emission Unit Description: 465 HP Enterprise GSG-6 N C. Measured Emission Rate:	25 ppmv @ 15% O2 IG Rich Burn Engine G-3 D. Limited Emission Rate:	Monitoring Record Citation:	B. Pollutant: CO F. Test Date:
11.9 ppmv @ 15% O2 A. Emission Unit Description: 465 HP Enterprise GSG-6 N	25 ppmv @ 15% O2	Monitoring Record Citation: AirX Testing Services, Inc. E. Specific Source Test or	6/20/2018 B. Pollutant: CO
A. Emission Unit Description: 465 HP Enterprise GSG-6 N C. Measured Emission Rate:	25 ppmv @ 15% O2 IG Rich Burn Engine G-3 D. Limited Emission Rate: 4,500 ppmv @ 15% O2	Monitoring Record Citation: AirX Testing Services, Inc. E. Specific Source Test or Monitoring Record Citation:	B. Pollutant: CO F. Test Date:



A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich	Burn Engine G-1		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: 9/26/2018
A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich	Burn Engine G-1		co
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
246 ppmv @ 15% O2	1,000 ppmv @ 15% O2	AirX Testing Services, Inc.	9/26/2018
A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 N	G Rich Burn Engine G-3		NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
23.0 ppmv @ 15% O2	25 ppmv @ 15% O2	AirX Testing Services, Inc.	10/31/2018
A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 N	IG Rich Burn Engine G-3		со
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
277 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	10/31/2018
A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or	F. Test Date:



A. Emission Unit Description:			B. Pollutant:
115 HP Caterpillar NG Rich	Burn Engine G-1		NOx
C. Measured Emission Rate: 3.2 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: 12/20/2018
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	
A. Emission Unit Description:			B. Pollutant:
115 HP Caterpillar NG Rich	Burn Engine G-1		co
C. Measured Emission Rate:	D. Limited Emission Rate: 1,000 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 12/20/2018
221 ppmv @ 15% O2	1,000 ppinv @ 15% O2	AirX Testing Services, Inc.	12/20/2010
A. Emission Unit Description:			B. Pollutant:
A. Emission Unit Description:			B. Pollutant:
5355 - University of Control of C		E. Specific Source Test or	100000000000000000000000000000000000000
165 HP Enterprise GSG-6 N	IG Rich Burn Engine G-3	E. Specific Source Test or Monitoring Record Citation: AirX Testing Services, Inc.	NOx F. Test Date:
465 HP Enterprise GSG-6 N	D. Limited Emission Rate: 25 ppmv @ 15% O2	Monitoring Record Citation:	NOx F. Test Date:
465 HP Enterprise GSG-6 N C. Measured Emission Rate: 5.6 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	Monitoring Record Citation:	NOx F. Test Date: 12/20/2018
A. Emission Unit Description:	D. Limited Emission Rate: 25 ppmv @ 15% O2	Monitoring Record Citation: AirX Testing Services, Inc. E. Specific Source Test or	NOx F. Test Date: 12/20/2018 B. Pollutant:
465 HP Enterprise GSG-6 N C. Measured Emission Rate: 5.6 ppmv @ 15% O2 A. Emission Unit Description: 465 HP Enterprise GSG-6 N	D. Limited Emission Rate: 25 ppmv @ 15% O2	Monitoring Record Citation: AirX Testing Services, Inc.	NOx F. Test Date: 12/20/2018 B. Pollutant: CO F. Test Date:
A65 HP Enterprise GSG-6 NC. Measured Emission Rate: 5.6 ppmv @ 15% O2 A. Emission Unit Description: 465 HP Enterprise GSG-6 NC. Measured Emission Rate: 2,109 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2 NG Rich Burn Engine G-3 D. Limited Emission Rate: 4,500 ppmv @ 15% O2	Monitoring Record Citation: AirX Testing Services, Inc. E. Specific Source Test or Monitoring Record Citation:	NOx F. Test Date: 12/20/2018 B. Pollutant: CO F. Test Date:
A65 HP Enterprise GSG-6 NC. Measured Emission Rate: 5.6 ppmv @ 15% O2 A. Emission Unit Description: 465 HP Enterprise GSG-6 NC. Measured Emission Rate:	D. Limited Emission Rate: 25 ppmv @ 15% O2 NG Rich Burn Engine G-3 D. Limited Emission Rate: 4,500 ppmv @ 15% O2	Monitoring Record Citation: AirX Testing Services, Inc. E. Specific Source Test or Monitoring Record Citation:	NOx F. Test Date: 12/20/2018 B. Pollutant: CO F. Test Date: 12/20/2018

Attachment 71.2N3 Annual Tank Seal Inspection Report

PLEASE COMPLETE FORM LEGIBLY IN BLACK INK

Created by Beacon Energy Services, Inc.

Tank No.	150305 Peri	mit No.	00	O82			Inspection Date	6	/8/2018	Time	7:10am
s this a Fo	llow-up Inspection?	Yes	-	No x	If yes, Date of	of Previous Ins	spection:		-		
A.	COMPANY INFOR	MATION:									
٠.	Company Name		son Pi	peline L.P.							
	Location Address	-		ker Road		City	Ventura	Zip	93003		
	Mailing Address	-		2th Street		City	Santa Paula	Zip	93060		
	Contact Person	Greg	Fusse	el		Title	Supervisor				
	Phone	805-2	223-68	350		_					
В.	INSPECTION CON	IDUCTED BY:									
	Name	Isaac	Hema	andez		Title	Inspector	23			
	Company Name	Beac	on En	ergy Servi	ces, Inc.	Phone	562-997-3087	_			
	Mailing Address	2685	Temp	le ave		City	Signal Hill	Zip	90755	10	
C.	TANK INFORMAT	ION:									
	Capacity	150,000		Installatio	n Date		Diameter		150'	Ht.	51'
	Product Type	Crude	e	Product R	RVP					_	
	Type of Tank	Rive	ted		x Welded		Other (Describe)				220
	Color of Shell	White	9	(Color of Roof	White					
	Roof Type	x Pont	oon		Double De	ck	Other (Describe)				
	xExt	ernal floating	roof		Internal flo	ating roof		i la contra			
D.	GROUND LEVEL	INSPECTION:									
	1) Product Temp	erature		6	67	Product L	evel	10'	- 4"		
	3) List type and I	ocation of lea	ks for	und in tan	k shell.						_
	No leaks found in s	shell									_
E.	INTERNAL FLOAT	TING ROOF T	ANK:								-
NA	1) Check vapor sp	ace between t	floating	g roof and	fixed roof with	explosimet	er.			% LE	L
	2) Conduct visual	inspection of r	oofs a	and second	dary seals, if a	pplicable.					
	3) Are all roof ope	nings covered	?			No	Yes	N / I	\d		(U)(C)
F.	EXTERNAL FLOA	TING ROOF 1	TANK:	:		if no, expi	ain in comments sec	tion (J) and pro	oceea to	part (m)(o)
	1) On the diagram	(attached) inc	dicate	the location			(s), anti-rotation device top of the worksheet		platform,	gauge v	vell,
	Identify any tea										
	The entire Second										
							% reading within 3 fe	et of ti	he seal	LEL	_ 0

nk No.	150305	Permit No	0	0	0082			_					
	FROM GAUGER PLA	TFORM:											
	1) Observe the entire												
	The second secon	oof badly warpe	ed or bu	uckled?		No	X	Yes		NA			
		any obvious da				No	X	Yes	X	NA			
	2) Are there liquid hyd	5.0				No	x	Yes	^	NA			
	3) Is there water pond					No	X	Yes		NA			
	Occasionally pools of			sult of ina	daquet			nage or	from a lea	ky geod	esic don	ne roof. 1	hese o
	not become a hazard		95/										
	For an External Flo												
	deteriorated condit					No	.,	Yes		NA			
	deteriorated corrait	10111				,,,	Х			5333			
	SEAL INSPECTION: 1) Secondary Seal In		Cinal	lo udnor									
	Secondary Seal In Type of Secondary Does 1/2" probe di	Seal: rop past seal?	No	٨	es				s, measure				
	Secondary Seal II Type of Secondary Does 1/2" probe di Does 1/8" probe di	y Seal: rop past seal? rop past seal?	_	x Y	es			If yes	s, measure				
	a) Type of Secondary b) Does 1/2" probe do c) Does 1/8" probe do d) Record dimensions	y Seal: rop past seal? rop past seal? s for gaps	No No	x Y x Y > 1/8"	es O		>1/	If yes	s, measure 0	e length(s) and s	how on d	iagram
	Secondary Seal II Type of Secondary Does 1/2" probe di Does 1/8" probe di	y Seal: rop past seal? rop past seal? s for gaps	No No	x Y x Y > 1/8"	es O	ps in fee		If yes	s, measure 0	e length(s) and s	how on d	iagram
	a) Type of Secondary b) Does 1/2" probe di c) Does 1/8" probe di d) Record dimensions *NOTE: Record the ac-	y Seal: rop past seal? rop past seal? s for gaps ctual width and	No No	x Y x Y > 1/8"	es O	ps in fee		If yes	s, measure 0	e length(s) and s	how on d	iagram
	1) Secondary Seal III a) Type of Secondary b) Does 1/2" probe di c) Does 1/8" probe di d) Record dimensions *NOTE: Record the act 2) Primary Seal Insp	y Seal: rop past seal? rop past seal? s for gaps ctual width and section	No No cumula	X Y X Y > 1/8" _ ative lengt	es 0 h of ga	ps in fee		If yes	s, measure 0	e length(s) and s	how on d	iagram
	1) Secondary Seal Ir a) Type of Secondary b) Does 1/2" probe dr c) Does 1/8" probe dr d) Record dimensions *NOTE: Record the ac 2) Primary Seal Insp a) Type of Primary Se	y Seal: rop past seal? rop past seal? s for gaps ctual width and pection eal: Shoe	No No cumula	X Y X Y > 1/8"_ ative length	es 0 th of ga	<u>957761</u>	t and	If yes 2" inches.	o, measure 0 Do not inc	e length(s) and s	how on di	iagram easure
	1) Secondary Seal III a) Type of Secondary b) Does 1/2" probe di c) Does 1/8" probe di d) Record dimensions *NOTE: Record the act 2) Primary Seal Insp a) Type of Primary Se b) (shoe seal) does 1	y Seal: rop past seal? rop past seal? s for gaps ctual width and section eal: Shoe	No No cumula Tube	X Y X Y > 1/8"_ ative length controls seal? N	es 0 th of ga ther	Yes	t and	If yes inches.	o Do not inco	e length(s) and s 8" gaps s) and s	in 1/2" ma	iagram easure iagram
	1) Secondary Seal Ir a) Type of Secondary b) Does 1/2" probe dr c) Does 1/8" probe dr d) Record dimensions *NOTE: Record the ac 2) Primary Seal Insp a) Type of Primary Se b) (shoe seal) does 1 c) (shoe seal) does 1	y Seal: rop past seal? rop past seal? s for gaps ctual width and section eal: Shoe y-1/2" probe drop y" probe drop	No No cumula Tube p past s	X Y X Y > 1/8" ative length controls seal? N eal? N	es 0 h of ga	Yes Yes	t and	If yes 2"	o Do not inco s, measure s, measure s, measure	e length(e length(e length(s) and s 8" gaps s) and s s) and s	in 1/2" me	iagram easure iagram
	1) Secondary Seal III a) Type of Secondary b) Does 1/2" probe di c) Does 1/8" probe di d) Record dimensions *NOTE: Record the act 2) Primary Seal Insp a) Type of Primary Se b) (shoe seal) does 1 c) (shoe seal) does 1 d) (tube seal) does 1	y Seal: rop past seal? rop past seal? s for gaps ctual width and section eal: Shoe x -1/2" probe drop p	No No cumula Tube p past sepast see	X Y X Y > 1/8"_ ative length seal? N eal? N	es 0 h of ga ther 0 x 0	Yes Yes	t and	If yes	s, measure 0 Do not inco s, measure s, measure s, measure	e length(clude > 1/ e length(e length(e length(s) and s 8" gaps s) and s s) and s s) and s	in 1/2" mo	iagram easure iagram iagram
	1) Secondary Seal Ir a) Type of Secondary b) Does 1/2" probe dr c) Does 1/8" probe dr d) Record dimensions *NOTE: Record the ac 2) Primary Seal Insp a) Type of Primary Se b) (shoe seal) does 1 c) (shoe seal) does 1	rop past seal? rop past seal? s for gaps ctual width and section eal: Shoe -1/2" probe dro /2" probe drop p es 1/8" probe drop p	No No cumula Tube p past sepast sepas	X Y X Y > 1/8"_ ative length seal? N eal? N	ther x	Yes Yes	t and	If yes	s, measure 0 Do not inco s, measure s, measure s, measure s, measure	e length(clude > 1/ e length(e length(e length(s) and s 8" gaps s) and s s) and s s) and s	in 1/2" mo	iagram iagram iagram iagram iagram

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

nk No.	150)305	Permit No.	00082		_					
	CALCULATI	ONS - Co	mplete all applicable p	portions of the follow	ving:						
		Gaps in	Primary Seal betwee	n 1/8" and 1/2"	0	(feet)		0	(Inch	es)	
		2.2	Primary Seal betwee		0	(feet)	-	0	(Inch		
			Primary Seal greater		0	(feet)	Security.	0	(Inch	es)	
			Secondary Seal betw		0	(feet)	200	0	(Inch	es)	
		Gaps in	Secondary Seal > 1/3	2"	0	(feet)		0	(Inch	es)	
	Multiply dia	meter (ft)	of tank to determine	appropriate gap I	imits:						
			cumference = Diamete		23.55	60% Circ. = Diam	neter X	1.88 =		282	2
		10% Ci	rcumference = Diamet	ter X 0.314 =	47.1	90% Circ. = Diam	neter X	2.83 =		424	.5
		30% Ci	rcumference = Diame	ter X 0.942 =	141.3	95% Circ = Diam	eter X 2	2.98 =		447	7
	Were any Were any	v openings v tears in t duct level ry Seal: Did 1/2' Did cun Seal:	ANCE STATUS OF T found on the roof? he seals found? lower than the level a probe drop between nulative 1/8" - 1/2" gap /2" probe drop between	t which the roof wo the shell and seal? b exceed 5% of the	tank circum		No No No No	x x x	Yes Yes Yes Yes Yes	×	
	Onoc		nulative 1/2" - 1-1/2" g			length?	No	X	Yes		
			nulative 1/8" - 1/2" gap			33 33 TO 10	No	X	Yes		
			single continuous 1/8				No	X	Yes		
	Tube	Did 1/2	probe drop between	the shell and seal?			No	0	Yes		NA
			nulative 1/8" - 1/2" ga			ngth?	No		Yes		NA
			If "ye	es" is checked for	any of the	above items the ta	nk is O	ut of Co	mplian	ce	
	7) Does tan		rmit conditions? ank comply with these	conditions?			No No	×	Yes Yes	х	
1	IF INSPECT	ION WAS	TERMINATED PRIO	R TO COMPLETIO	N FOR AN	reason, pleas	E EXP	LAIN	_		

ank No.	150305	Permit No.	00082			
	COMMENTS:					
	Use this section to d	complete answers to abo	ve listed items and to describe repairs	made to the tank; in	iclude date a	nd time
	repairs were made.	C.				
	6/8/2018 Beacon fo	ound 100% of the Priman	y Apron delaminated and with tears and	d holes		
			dary Apron delamintated and with tears			
			roof on top of the pontoons at the foan			
	6/8/2018 Beacond	found the Secondary Wig	per Tip to be cracking and splitting			
	6/8/2018 Beacon fo	ound 1 Leg Sock with wo	rn holes			
			W			
	I (We) certify the fe	oregoing information to	be correct to the best of my (Our) k	nowledge.		
	Inspection complete	ed by Isaac Hernande	2 ISAAC HERNAN MENO	IH001	Date	6/8/2018
	signature		11 0 0 110	Dunna	Date	6/8/2018
	Compliance status	by Robert Hoppen	rath Cert ID	RH003	Date	0/8/2018

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.

Cert ID

Date

Robert Hoppenrath

Compliance status by

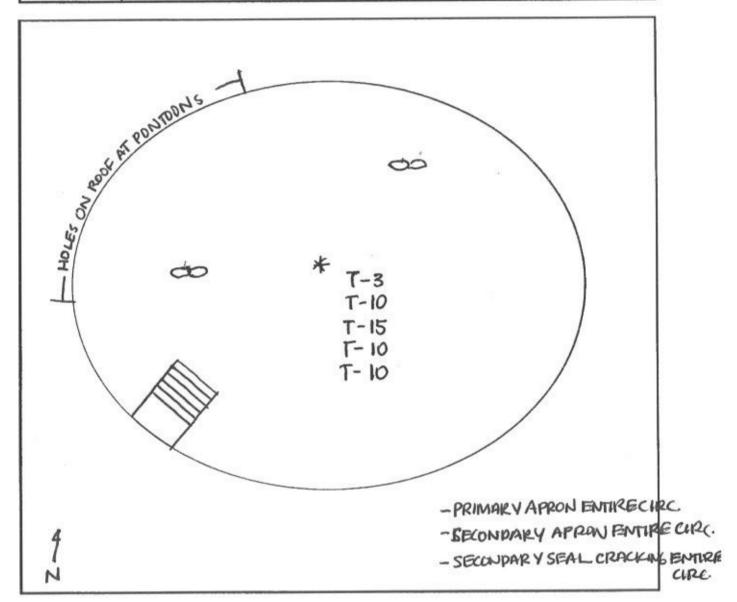
Company Representative

signature

signature

BEACON ESI - TANK INSPECTION DIAGRAM

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



EQUIPMENT	DEFECTS
-----------	---------

	Anti-Rotation Device		Torn Seal
11111111111	Ladder	[-P-]	Primary Seal Gap
0	Gauge Well	[-S-]	Secondary Seal Gap
Т	Leg Stand		
X	Roof Drain		
*	Emergency Roof Drain		
00	Vaccum Breaker		
Λ	Vent		

PLEASE COMPLETE FORM LEGIBLY IN BLACK INK

Created by Beacon Energy Services, Inc.

	COMPANY INFORMA	TION:						
	Company Name		Pipeline L.P.					
	Location Address		naker Road	City	Ventura	Zip 93003		
	Mailing Address		12th Street	City	Santa Paula	Zip 93060	-	
	Contact Person	Tim Eggle	eston	Title	Supervisor		70	
	Phone	805-525-6	6312		-		_	
3.	INSPECTION CONDU	CTED BY:						
	Name	Jose Mad	cias	Title	Inspector			
	Company Name	Beacon E	nergy Services, Inc.	Phone	562-997-3087			
	Mailing Address	2685 Ten	nple ave	City	Signal Hill	Zip 90755	-	
3 .	TANK INFORMATION	<u>:</u>						
	Capacity	150,000	Installation Date		Diameter	150'	_Ht.	51'
	Product Type	Crude	Product RVP					
	Type of Tank	Riveted	X Welded		Other (Describe)			
	Color of Shell	White	_ Color of Roof					
	Roof Type	X Pontoon	Double De	ck	Other (Describe)			
	XExterna	al floating roo	f Internal flo	oating roof				
D.	GROUND LEVEL INS	PECTION:						
	1) Product Temperat	ure	72	Product L	evel	10' - 4"		20
	 List type and loca No leaks found in shell 		ound in tank shell.					88
Ε.	INTERNAL FLOATING						% LEL	
AV			ing roof and fixed roof wit		er.		_ % LEL	
	- 10.15 - 18.16명(Heb)(Heb)(Heb)(Heb)(Heb)(Heb)(Heb)(Heb)		and secondary seals, if a		Van			
	Are all roof opening	gs covered?		No If no, expla	Yes ain in comments sect	tion (J) and pro	ceed to p	art (H)(6
F.	EXTERNAL FLOATIN			vertous streets e.d. 52				
			te the location of the ladde ote information relative to				gauge we	ell,

150305	Permit No	·		3000	02			_				
OM GAUGER PLA	TFORM:											
Observe the entire	200 12001											
	oof badly warpe	d or bu	uckled?			No	х	Yes	٨	A		
	any obvious da					No	x	Yes	N	IA		
Are there liquid hyd						No	X	Yes	٨	IA		
Is there water pond						No	×	Yes	N	IA		
casionally pools of	-		sult of in	adaqı	uete slo	ope fo		nage or f	rom a leaky ged	desic don	ne roof. Thes	e do
t become a hazard												
For an External Flo												
deteriorated condit			•			No		Yes		IA		
Type of Secondary Does 1/2" probe dr		Singl	le wiper	Yes				If ves	, measure lengt	h(s) and s	how on diagra	an
Does 1/8" probe dr		No	^	Yes				278,353	, measure lengt			
Record dimensions	33 50	110	X > 1/8"		0		>1/		0			
IOTE: Record the a		cumuls		ath of	nans i	n fee				1/8" gans	in 1/2" measi	ıres
OTE. Necord inc at	otaar wratir aria	cumure	ativo ron	guioi	gapo	,,,,,,	dire	101100. 1	yo mot motoro	no gape		
Primary Seal Insp	ection											
		Tube	9	Other								
	,			No	v	Yes		If yes	, measure leng	h(s) and s	how on diagr	am
						Yes		If yes	, measure leng	th(s) and s	how on diagr	am
	하고 경영하면 얼굴하게 하면 하다 하다.			4.4	^	Yes		If yes	, measure leng	h(s) and s	how on diagr	am
(all seal types) doe	es 1/8" probe dr	op pas	st seal?	No	x	Yes		If yes	, measure leng	th(s) and s	how on diagr	am
	경기를 가입하는 "하라 하는데 되었다.	A STATE OF THE PARTY OF THE PAR					0		>1/2"	0	>1-1/2"	0
() () () () R	shoe seal) does 1 shoe seal) does 1 tube seal) does 1 all seal types) doe ecord dimensions	shoe seal) does 1-1/2" probe drop shoe seal) does 1/2" probe drop patube seal) does 1/2" probe drop pall seal types) does 1/8" probe drecord dimensions of gaps for gap to TE: Record the actual width and	shoe seal) does 1-1/2" probe drop past set shoe seal) does 1/2" probe drop past set tube seal) does 1/2" probe drop past set all seal types) does 1/8" probe drop past set secord dimensions of gaps for gaps of the actual width and cumulatives.	shoe seal) does 1-1/2" probe drop past seal? shoe seal) does 1/2" probe drop past seal? tube seal) does 1/2" probe drop past seal? all seal types) does 1/8" probe drop past seal? ecord dimensions of gaps for gaps	shoe seal) does 1-1/2" probe drop past seal? No shoe seal) does 1/2" probe drop past seal? No tube seal) does 1/2" probe drop past seal? No all seal types) does 1/8" probe drop past seal? No second dimensions of gaps for gaps	shoe seal) does 1-1/2" probe drop past seal? No X shoe seal) does 1/2" probe drop past seal? No X tube seal) does 1/2" probe drop past seal? No all seal types) does 1/8" probe drop past seal? No second dimensions of gaps for gaps > 1/8" > 1/8"	shoe seal) does 1-1/2" probe drop past seal? No X Yes shoe seal) does 1/2" probe drop past seal? No X Yes tube seal) does 1/2" probe drop past seal? No Yes all seal types) does 1/8" probe drop past seal? No Yes ecord dimensions of gaps for gaps > 1/8" TE: Record the actual width and cumulative length of gaps in feel	shoe seal) does 1-1/2" probe drop past seal? No X Yes shoe seal) does 1/2" probe drop past seal? No X Yes tube seal) does 1/2" probe drop past seal? No Yes all seal types) does 1/8" probe drop past seal? No Yes second dimensions of gaps for gaps > 1/8" 0 TE: Record the actual width and cumulative length of gaps in feet and	shoe seal) does 1-1/2" probe drop past seal? No X Yes If yes shoe seal) does 1/2" probe drop past seal? No X Yes If yes tube seal) does 1/2" probe drop past seal? No Yes If yes all seal types) does 1/8" probe drop past seal? No Yes If yes lecord dimensions of gaps for gaps > 1/8" 0 TE: Record the actual width and cumulative length of gaps in feet and inches.	shoe seal) does 1-1/2" probe drop past seal? No X Yes If yes, measure length shoe seal) does 1/2" probe drop past seal? No X Yes If yes, measure length tube seal) does 1/2" probe drop past seal? No Yes If yes, measure length all seal types) does 1/8" probe drop past seal? No Yes If yes, measure length second dimensions of gaps for gaps > 1/8" Yes If yes, measure length second dimensions of gaps for gaps > 1/8" 0 > 1/2" 1/2"	shoe seal) does 1-1/2" probe drop past seal? No X Yes If yes, measure length(s) and seal shoe seal) does 1/2" probe drop past seal? No X Yes If yes, measure length(s) and seal tube seal) does 1/2" probe drop past seal? No Yes If yes, measure length(s) and seal seal types) does 1/8" probe drop past seal? No X Yes If yes, measure length(s) and seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and seal types if yes, measure length(s) and yes if yes, measure l	shoe seal) does 1-1/2" probe drop past seal? No X Yes If yes, measure length(s) and show on diagroup states at the seal) does 1/2" probe drop past seal? No Yes If yes, measure length(s) and show on diagroup tube seal) does 1/2" probe drop past seal? No Yes If yes, measure length(s) and show on diagroup all seal types) does 1/8" probe drop past seal? No Yes If yes, measure length(s) and show on diagroup diagroup in the second dimensions of gaps for gaps Second the actual width and cumulative length of gaps in feet and inches. Do not include 1/8" 1/2" gaps in 1-1/2"

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

Primary Seal between Primary Seal between Primary Seal between Primary Seal greater Secondary Seal between Secondary Seal between Secondary Seal between Uniform Seal Secondary Seal between Uniform Seal Secondary Seal between Uniform Seal Seal Seal Seal Seal Seal Seal Seal	n 1/8" and 1/2" n 1/2" and 1-1/2" than 1-1/2" yeen 1/8" and 1/2" appropriate gap lifer X 0.157 = ter X 0.314 = ter X 0.942 = "ANK: the shell and seal?	0 0 0 0 0 mits: 23.55 47.1 141.3	(feet)(feet)(feet)(feet)(feet)60% Circ. = Diame90% Circ. = Diame95% Circ = Diame	eter X	2.83 = 2.98 = X X	Yes Yes Yes	5) 5) 5)
Primary Seal between Primary Seal greater Secondary Seal between Secondary Seal between Secondary Seal > 1/2 If tank to determine Inference = Diamete Inference = Dia	than 1-1/2" than 1-1/2" teen 1/8" and 1/2" een 1/8" and 1/2" appropriate gap lift X 0.157 = ter X 0.314 = ter X 0.942 = "ANK: the which the roof worthe shell and seal?	0 0 0 0 mits: 23.55 47.1 141.3	(feet) (feet) (feet) (feet) 60% Circ. = Diame 90% Circ. = Diame	No No No	0 0 0 0 1.88 = 2.83 = 2.98 =	Yes Yes Yes	(s) (s) (s) (s) (s) (282 424.5
Primary Seal between Primary Seal greater Secondary Seal between Secondary Seal between Secondary Seal > 1/2 If tank to determine Inference = Diamete Inference = Dia	than 1-1/2" than 1-1/2" teen 1/8" and 1/2" een 1/8" and 1/2" appropriate gap lift X 0.157 = ter X 0.314 = ter X 0.942 = "ANK: the which the roof worthe shell and seal?	0 0 0 0 mits: 23.55 47.1 141.3	(feet) (feet) (feet) (feet) 60% Circ. = Diame 90% Circ. = Diame	No No No	0 0 0 0 1.88 = 2.83 = 2.98 =	Yes Yes Yes	(s) (s) (s) (s) (s) (282 424.5
Primary Seal greater Secondary Seal betwood Secondary Seal > 1/2 If tank to determine of tank tank tank tank tank tank tank tank	than 1-1/2" yeen 1/8" and 1/2" 2" appropriate gap lift X 0.157 = ter X 0.314 = ter X 0.942 = "ANK: the which the roof worthe shell and seal?	0 0 0 mits: 23.55 47.1 141.3	(feet) (feet) (feet) 60% Circ. = Diame 90% Circ. = Diame	No No No	0 0 0 1.88 = 2.83 = 2.98 =	Yes Yes Yes	282 424.5
Secondary Seal betwoods secondary Seal > 1/2 If tank to determine of tank tank tank tank tank tank tank tank	een 1/8" and 1/2" appropriate gap lier X 0.157 = ter X 0.314 = ter X 0.942 = CANK: the which the roof wor	0 0 mits: 23.55 47.1 141.3	(feet) (feet) 60% Circ. = Diame 90% Circ. = Diame	No No No	0 0 1.88 = 2.83 = 2.98 = X X	Yes Yes Yes	282 424.5
f tank to determine mference = Diamete umference = Diamete umferen	appropriate gap lift of the control	0 mits: 23.55 47.1 141.3	60% Circ. = Diame 90% Circ. = Diame 95% Circ = Diame	No No No	0 1.88 = 2.83 = 2.98 = X X	Yes	282 424.5
mference = Diamete umference = Diamet umference = Diamet umference = Diamet NCE STATUS OF T ound on the roof? e seals found? ower than the level a	er X 0.157 = ter X 0.314 = ter X 0.942 = CANK: the which the roof wou the shell and seal?	23.55 47.1 141.3	90% Circ. = Diame 95% Circ = Diame	No No No	2.83 = 2.98 = X X	Yes Yes Yes	424.5
mference = Diamete umference = Diamet umference = Diamet umference = Diamet NCE STATUS OF T ound on the roof? e seals found? ower than the level a	er X 0.157 = ter X 0.314 = ter X 0.942 = CANK: the which the roof wou the shell and seal?	23.55 47.1 141.3	90% Circ. = Diame 95% Circ = Diame	No No No	2.83 = 2.98 = X X	Yes Yes Yes	424.5
umference = Diamet umference = Diamet NCE STATUS OF T ound on the roof? e seals found? ower than the level a	ter X 0.314 = ter X 0.942 = CANK: It which the roof wor the shell and seal?	47.1 141.3	95% Circ = Diame	No No No	2.98 = X X X X	Yes Yes Yes	-
NCE STATUS OF Tound on the roof? e seals found? ower than the level a	ter X 0.942 = CANK: It which the roof work the shell and seal?	141.3		No No No	X X X	Yes Yes	447
NCE STATUS OF Tound on the roof? e seals found? ower than the level a	ANK: It which the roof worthe shell and seal?	uld be floatin	ng?	No No	x	Yes Yes	
		tarik Circum	ference length?	No	X	Yes	
		and the same of th					
" probe drop betwee				No	Х	Yes	
ulative 1/2" - 1-1/2" g				No	X	Yes	
ulative 1/8" - 1/2" gap				No	X	Yes	
single continuous 1/8		ed 10% circ	umierence length?	No	X	Yes	ALA
							NA
				- 00 90 TA	out of C		NA 0
II ye	es is checked for	any or the a	above items the tar	IN IS C	at or or	mpnanc	
nit conditions?				No		Yes	x
	conditions?			No		Yes	×
TERMINATED PRIO	R TO COMPLETIO	N FOR AN	Y REASON, PLEAS	E EXP	LAIN		
	orobe drop between ulative 1/8" - 1/2" ga If "you nit conditions? Ik comply with these	orobe drop between the shell and seal? ulative 1/8" - 1/2" gap exceed 95% circular If "yes" is checked for an interest conditions? k comply with these conditions?	orobe drop between the shell and seal? ulative 1/8" - 1/2" gap exceed 95% circumference le If "yes" is checked for any of the a nit conditions? k comply with these conditions?	orobe drop between the shell and seal? Ilative 1/8" - 1/2" gap exceed 95% circumference length? If "yes" is checked for any of the above items the tail nit conditions? It comply with these conditions?	orobe drop between the shell and seal? No If "yes" is checked for any of the above items the tank is Conditions? No No No No No No No No No N	orobe drop between the shell and seal? No If "yes" is checked for any of the above items the tank is Out of Contit conditions? No No	orobe drop between the shell and seal? No Yes If "yes" is checked for any of the above items the tank is Out of Compliance If conditions? No Yes No Yes

No.	150305	Permit No.	00082				
	COMMENTS:						
	Use this section to complete answers to above listed items and to describe repairs made to the tank; include date and ti repairs were made.						
25	6/8/2018 12:00 - 6:00pm Beacon begins removal of the Secondary Seal (50% complete No product exposure)						
12	6/9/2018 7:00am - 6:0	00pm Beacon complete	es Secondary Seal removal, begins to remove Primary Seal Channels a	nd			
100	install new Carriage Bolts (75% complete No product exposure)						
100	6/10/2018 7:00am - 6:00pm Beacon completes removal of Primary Seal Channels and installation of new Carriage Bo						
	Begin installation of New Primary Apron over the existing apron (50% complete No product exposure) Patched holes						
	on on roof at the pontoons with bolt down flat bar.						
	6/11/2018 7:00am - 6:00pm Beacon completes installation of Primary Seal Apron and Channels (No product exposure						
	6/12/2018 7:00am - 6	:00pm Beacon begins	installation of new Secondary Seal (50% complete No product exposure	2)			
	6/13/2018 7:00am - 4:00pm Beacon completes installation of New Secondary Seal (No product exposure)						
	TANK IS IN COMPLIANCE AT THIS TIME						

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

Inspection completed by	Jose Macias	JOSE MACIAS	Cert ID	JM005	Date	6/13/2018
signature	Pohart Honner	18	Cert ID	RH003	Date	6/13/2018
Compliance status by	Robert Hopper	iraur ;	Celtio	Krioos	Date	0/10/2010
signature						
Company Representative			Cert ID		Date	
signature						

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

Attachment 71.4N1

Rule 74.10 Quarterly Component Leak Report



Ventura County APCD

Rule 74.10 Component Leak Report

Company Crimson Pipeline, LLC

Facility

Ventura Harbor Pump Station

1200 Spinnaker Dr., Ventura, CA 93003

District ID 00082

EH&S Department Contact

(562) 285-4113

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

No Reportable Leaks for this Quarter Inspected on 02/21/2018

MONTROSE ALR QUALITY SERVICES

Ventura County APCD

Rule 74.10 Component Leak Report

Company Facility Crimson Pipeline, LLC

Ventura Harbor Pump Station

1200 Spinnaker Dr., Ventura, CA 93003

District ID

00082

Contact

EH&S Department

(562) 285-4113

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

No Reportable Leaks for this Quarter Inspected on 06/21/2018

MONTROSE AND AUGUST SERVICES

Ventura County APCD

Rule 74.10 Component Leak Report

Company Crimson Pipe

Facility

Crimson Pipeline, LLC

Ventura Harbor Pump Station

1200 Spinnaker Dr., Ventura, CA 93003

District ID

00082

Contact

EH&S Department

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

No Reportable Leaks for this Quarter Inspected on 09/19/2018



Ventura County APCD Rule 74.10 Component Leak Report

Company Facility

Crimson Pipeline, LLC

Ventura Harbor Pump Station

District ID 00082 Contact

EH&S Department

1200 Spinnaker Dr., Vent	ura, CA 93003
--------------------------	---------------

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0
		7	17470	

No Reportable Leaks for this Quarter Inspected on 11/27/2018

Attachment 74.9N3

Quarterly Emissions Screenings / Biennial Source Test



SUMMARY OF SOURCE TEST RESULTS

Quarterly Emission Testing Crimson Pipeline Ventura Harbor Pump Station G-3

2/22/2018

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	64.4	-
ppmv @ 15% O2	18.3	25
Carbon Monoxide (CO)		
ppmv	13925	-
ppmv @ 15% O2	3954	4500
Oxygen (O2), percent	0.1	(34)

Note: Reported values represent a 15 minute average.

CRIMSON CALIFORNIA



April 4, 2018

Ventura County Air Pollution Control District 669 County Square Drive Ventura, CA 93003 VIA USPS PRIORITY MAIL 9114901496451814941528

SUBJECT:

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

To Whom It May Concern:

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

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

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

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

MONTH	HOURS
January	0
February	0
March	28
TOTAL	28

The remaining equipment was tested on February 22, 2018:

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

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

Respectfully,

Laura Vlk

EH&S Specialist





SUMMARY OF SOURCE TEST RESULTS

Quarterly Emission Testing
Crimson Pipeline
Ventura Harbor Pump Station
G-3

6/20/2018

			Allowable
Oxides of Nitro	ogen (NOx)		
	ppmv	41.8	-
	ppmv @ 15% O2	11.9	25
Carbon Monox	ide (CO)		
	ppmv	366	- "
	ppmv @ 15% O2	104	4500
Oxygen (O2),	percent	0.2	

Note: Reported values represent a 15 minute average.



SUMMARY OF SOURCE TEST RESULTS

Quarterly Emission Testing Crimson Pipeline Ventura Pump Station CAT

6/20/2018

			Allowable
Oxides of Nitro	ogen (NOx)		
	ppmv	12.5	2
	ppmv @ 15% O2	3.5	9
Carbon Monox	ride (CO)		
	ppmv	2682	-
	ppmv @ 15% O2	759	1000
Oxygen (O2),	percent	0.0	-

Note: Reported values represent a 15 minute average.



Quarterly Emission Testing Crimson Pipeline Ventura Harbor Pump Station Enterprise

10/31/2018

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

Note: Reported values represent a 6 minute average.



Quarterly Emission Testing Crimson Pipeline Ventura Harbor Pump Station Caterpillar

9/26/2018

Oxides of Nit	rogen (NOx)		Allowable
	ppmv ppmv @ 15% O2	17.1 4.8	25
Carbon Mono	oxide (CO)		
	ppmv	871	
	ppmv @ 15% O2	246	4500
Oxygen (O2),	percent	0.0	-

Note: Reported values represent a 15 minute average.



Quarterly Emission Testing Crimson Pipeline Harbor Pump Station G-3

12/20/2018

				Allowable
Oxides of Nitro	gen (NOx)			
	ppmv		19.9	-
	ppmv @ 15% O2		5.6	25
Carbon Monox	ide (CO)			=- W
	ppmv	20.	7459	-
	ppmv @ 15% O2	100	2109	4500
Oxygen (O2),	percent		0.0	 :=
Opacity, %			0.0	10%

Note: Reported values represent a 15 minute average.



Quarterly Emission Testing Crimson Pipeline Ventura Pump Station CAT

12/20/2018

trogen (NOx)			Allowable
ppmv		11.4	-
ppmv @ 15% O2		3.2	9
oxide (CO)			
ppmv		783	(20)
ppmv @ 15% O2		221	1000
	8		
, percent		0.0	
		0.0	10%
	ppmv @ 15% O2 noxide (CO) ppmv ppmv ppmv @ 15% O2	ppmv ppmv @ 15% O2 noxide (CO) ppmv ppmv ppmv @ 15% O2	ppmv

Note: Reported values represent a 15 minute average.

40 CFR 63ZZZZN7

Maintenance Records and Hours of Operations



ENGINE SERVICE REPORT

LOCATION: Torrey #00385

. ENG	INE INFORMATION		
	ENGINE: G-1 Enterprise GSG-6	TYPE: N	latural Gas
	☐ G-2 Enterprise GSG-6	ENGINE HOURS:	25469
		ENGINE HOURS: _ TYPE OF SERVICE: _	REPAIR
	☐ G-1 Caterpillar G-379		
B. MAIN	NTENANCE/SERVICE PERFORME	D	
-	CHANGED HEAD & HEA	D GASKETS ON	NUMBER 1,2,5
Cy	LINDERS AND EN	HUST MANIFO	LD ON THE
Fre	INT OF THE ENGINE		
	DES	<u> </u>	
-	RERACED CONVERS	DR PLANE	
		2444	
		W	
	\ //	4	
INS	PECTED BY:		DATE:
	of HOLD		10/31/18
7	7		/ /
(



ENGINE SERVICE REPORT

LOCATION: Torrey #00385

Ventura Harbor #00082

ENGINE INFORMATION		
ENGINE: ☐ G-1 Enterprise GSG-6		Vatural Gas
☐ G-2 Enterprise GSG-6	ENGINE HOURS: _ TYPE OF SERVICE: _	24443
G-3 Enterprise GSG-6	TYPE OF SERVICE:	REPLACE
☐ G-1 Caterpillar G-379		
MAINTENANCE/SERVICE PERFORMED		
New Oz Sensors	AND Air	FILTERS
and the second s		
No. of the second secon		
	100	
INSPECTED BY:		DATE: / /
della		5/18/1
() 0		, ,



LOCATION: V. Harbor #00082 ENGINE:

Caterpillar G-1

Enterprise G-3

							A Citterbi	136 0-5
A. ENGINE TIMER	Marie Consti							
START DATE	11-18			FIN	ISH DATE:	1.7	18	
ENGINE HOUR	: 2376			ENGI	NE HOUR:	133	48	
Within 200			t required			0.0	100000000000000000000000000000000000000	
	dr.h.	If yes, no	tify Mainte	enance Le	ead**	ANTE EDITION I		
B. INSPECTION		MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	(psi)				578	592	513	1
SUCTION PRESSURE (ps	i)		0		124	121	115	
ENGINE RPM'S			1/		386	372	370	
JACKET WATER PRESUR	RE (psi)				27	27	27	
JACKET WATER TEMP (°	F)				183	177	17-1	
HEAT EXCHANGER TEM	P (°F)				143	142	134	1
INBOARD BEARING TEM	P (°F)			70	129	124	122	
OUTBOARD BEARING TE	MP (°F)		1.1		156	151	152	
FRONT AIR/FUEL PRESS	URE (psi)		W		./82	. 221	1184	
REAR AIR/FUEL PRESSU	RE (psi)				.758	,751	.752	
LUBE OIL LEVEL			w/		3/8	3/4	3/8	
OIL ADDED TO ENGINE (gal)				1064	12		
LUBE OIL ENG PRESS (po	si)		1,4		61	60	60	
GEAR BOX OIL PRESSUR	E (psi)				7	8	8	
LUBE OIL FILTER					65	65	44	Q
CONVERTER TEMP TC-1	(°F)				725	722	744	
CONVERTER TEMP TC-2	(°F)				740	777	759	O
CYLINDER #1 (°F)	100000			12.	1033	1021	10212	
CYLINDER #2 (°F)					1035	1034	1041	w
CYLINDER #3 (°F)					910	177	273	
CYLINDER #4 (°F)					1019	989	589	H
CYLINDER #5 (°F)					1035	1018	1071	
CYLINDER #6 (°F)					1057	1035	1049	
AIR PRESSURE (psi)					220	220	210	
WATER MAKE-UP TANK	LEVEL		1/	F	Full	frue	Full	1
GAS METER READING			1		1	-	_	L
	INITIAL:		60		50	50	46	4
	DATE:		120		1.4.10	1.5	1-6	1.7



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

A. ENGINE TIMER							
START DATE: 2-4	18		FINI	SH DATE: _	2.11.19	3	
ENGINE HOUR: 235	81		ENGI	NE HOUR:	23640		
Within 200 hrs or 1 we	ek of nex				☐ Yes	□ No	
***	-	tify Mainte		T			-000
3. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)	7	451	Ī	436			
SUCTION PRESSURE (psi)		111		100			
ENGINE RPM'S		370		349			
JACKET WATER PRESURE (psi)		27	7	25			
JACKET WATER TEMP (°F)		170	7	168			
HEAT EXCHANGER TEMP (°F)		132		130			
NBOARD BEARING TEMP (°F)		117		115			
OUTBOARD BEARING TEMP (°F)		145		140			
FRONT AIR/FUEL PRESSURE (psi)		.165		1/22			
REAR AIR/FUEL PRESSURE (psi)		160		.762			
LUBE OIL LEVEL		1/2		3/8			
OIL ADDED TO ENGINE (gal)		- 1		2034			
LUBE OIL ENG PRESS (psi)		60		60			
GEAR BOX OIL PRESSURE (psi)		1D		8			
LUBE OIL FILTER	1	65		65	- /	/)
CONVERTER TEMP TC-1 (°F)	D	755	2	1715	D	0	5
CONVERTER TEMP TC-2 (°F)	b	718	v	7/3	0	0	0
CYLINDER #1 (°F)	w	1010	w	1001	V	w	w
CYLINDER #2 (°F)	N	1004	3 64	1002	N	N	~
CYLINDER #3 (°F)		968	1	455			
CYLINDER #4 (°F)		1004		988	/		
CYLINDER #5 (°F)		1011		984			
CYLINDER #6 (°F)		1035	1	10/2			
AIR PRESSURE (psi)		200		210			
WATER MAKE-UP TANK LEVEL		Fue		Full			
GAS METER READING	1		l	-		1	
INITIAL:	46	ot	35	58	a	51	50



LOCATION: V. Harbor #00082

ENGINE: Caterpillar G-1

Enterprise G-3

START DATE: 3.5	-18			SH DATE:			
ENGINE HOUR: 238	52D		ENGI	NE HOUR:	231	394	
Within 200 hrs or 1 we	ek of next		oil & filter	change?			
	If yes, no	-		The same of the sa		Total Control	TPQ V 20 4 1
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi))	468		1_		445	
SUCTION PRESSURE (psi)		1D				Ш	
ENGINE RPM'S		358				345	
JACKET WATER PRESURE (psi)		25				26	
JACKET WATER TEMP (°F)		168				169	
HEAT EXCHANGER TEMP (°F)		138				135	
INBOARD BEARING TEMP (°F)		120				116	1
OUTBOARD BEARING TEMP (°F)		149				144	
FRONT AIR/FUEL PRESSURE (psi)		.049				.030	
REAR AIR/FUEL PRESSURE (psi)	(.768	1	1		. 776	1
LUBE OIL LEVEL	7	345	0	0	9	3/8	17
OIL ADDED TO ENGINE (gal)		10991	()	(· · · ·		Ø	0
LUBE OIL ENG PRESS (psi)	0	61	0	0	D	8	U
GEAR BOX OIL PRESSURE (psi)		8		W	1	8	41
LUBE OIL FILTER	11.7	65	W	VO	W	65	500
CONVERTER TEMP TC-1 (°F)		727	0	11/	. 1	757	W
CONVERTER TEMP TC-2 (°F)	.)	722	N	N	N	7/7	
CYLINDER #1 (°F)	7	947	,0			970	
CYLINDER #2 (°F)		968				973	
CYLINDER #3 (°F))	954				973	
CYLINDER #4 (°F)		1011				10/0	
CYLINDER #5 (°F)		1016				1020	
CYLINDER #6 (°F)		1032				1026	
AIR PRESSURE (psi)		210				210	
WATER MAKE-UP TANK LEVEL		Full				Full	
GAS METER READING		-				-	-
INITIAL	48	30	21	3	150	5	54
DATE	3.518	3.6	37	30	7.9	3.10	5-11



LOCATION: V. Harbor #00082

ENGINE: Caterpillar G-1

☐ Enterprise G-3

START DATE: 4-2-	18			SH DATE:			
ENGINE HOUR: 7581			ENGI	NE HOUR	760	8	
Within 200 hrs or 1 wee		- ct required otify Mainte	oil & filter	change?			
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		397			384		TO SPECIFICAL
SUCTION PRESSURE (psi)		110	.0	0	116		0
ENGINE RPM'S		10/3	P	1/	891	D	0
JACKET WATER PRESURE (psi)	-	160	0		75	0	0
JACKET WATER TEMP (°F)		190		0	190	0	
HEAT EXCHANGER TEMP (°F)		145	W		150	W	le
INBOARD BEARING TEMP (°F)				W			
OUTBOARD BEARING TEMP (°F)			W	111		W	N
FRONT AIR/FUEL PRESSURE (psi)				W	483		,
REAR AIR/FUEL PRESSURE (psi)			(438		,
LUBE OIL LEVEL		42		1	1/2		
OIL ADDED TO ENGINE (gal)		0			0		
LUBE OIL ENG PRESS (psi)		80			60		
GEAR BOX OIL PRESSURE (psi)					40		
LUBE OIL FILTER							
CONVERTER TEMP TC-1 (°F)		8/8			705		
CONVERTER TEMP TC-2 (°F)		765			697		
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)	e e e e e e e e e e e e e e e e e e e						
CYLINDER #6 (°F)							
AIR PRESSURE (psi)		190		1	2/0		
WATER MAKE-UP TANK LEVEL		Full	1/	1	Full		
GAS METER READING		-			1-		
INITIAL:		50	50	134	R	150	51
DATE:		4-3	4.4	4.5	14.6	4.7	4.8



LOCATION: V. Harbor #00082

ENGINE: Caterpillar G-1

Enterprise G-3

START DATE: 5 7 /1	3		FIN	SH DATE:	5/13	118	
ENGINE HOUR: 24314	,		ENGI	NE HOUR:	2438	4	
Within 200 hrs or 1 we	ek of next		d oil & filter tenance Le		☐ Yes	□ No	
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)			453	461	1	1	
SUCTION PRESSURE (psi)			104	64			V
ENGINE RPM'S			358	359			
JACKET WATER PRESURE (psi)			25	26			
JACKET WATER TEMP (°F)			169	172			
HEAT EXCHANGER TEMP (°F))		135	140			1
INBOARD BEARING TEMP (°F)			115	120			
OUTBOARD BEARING TEMP (°F)			129	143			1
FRONT AIR/FUEL PRESSURE (psi))		+-180	1.036			
REAR AIR/FUEL PRESSURE (psi)		^	+-214	- 213			
LUBE OIL LEVEL	0	0	3/8	3/8			
OIL ADDED TO ENGINE (gal)	8		0	Ø			
LUBE OIL ENG PRESS (psi)	0	0	60	60			
GEAR BOX OIL PRESSURE (psi)	1		10	8			
LUBE OIL FILTER	W	W	65	65			
CONVERTER TEMP TC-1 (°F)			905	925			
CONVERTER TEMP TC-2 (°F)	N	W	742	751	1)		D
CYLINDER #1 (°F)	1	T	1030	1025	0	0	Ü
CYLINDER #2 (°F)			1005	1024	W	w	w
CYLINDER #3 (°F)			970	961	W	·u	N
CYLINDER #4 (°F)			976	188		1	
CYLINDER #5 (°F)			918	980			1
CYLINDER #6 (°F)			776	780			
AIR PRESSURE (psi)			220	220		1	
WATER MAKE-UP TANK LEVEL			FULL	Full			
GAS METER READING			-	-		-	
INITIAL:	20	JP	51	54	JO	00	37
DATE:		5.9	5.9	5.10	5/11	5/12	5/13



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

START DATE: 4/4	18	F	FINI	SH DATE:	6/10/	17	
ENGINE HOUR: 245	59	100	ENGI	NE HOUR:	245	73	
Within 200 hrs or 1 we	ek of nex		oil & filter	change?			
	THE RESERVE OF THE PERSON NAMED IN	tify Mainte		1	mare gape, mos		
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)	1	1		1			
SUCTION PRESSURE (psi)							
ENGINE RPM'S							
JACKET WATER PRESURE (psi)							
JACKET WATER TEMP (°F)							
HEAT EXCHANGER TEMP (°F)							
INBOARD BEARING TEMP (°F)							
OUTBOARD BEARING TEMP (°F)							
FRONT AIR/FUEL PRESSURE (psi)							
REAR AIR/FUEL PRESSURE (psi)							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE (gal)							
LUBE OIL ENG PRESS (psi)							
GEAR BOX OIL PRESSURE (psi)							L
LUBE OIL FILTER	SEE DESCRIPTION OF THE PERSON		12.00			100	
CONVERTER TEMP TC-1 (°F)	D	D	0	D	0	P	D
CONVERTER TEMP TC-2 (°F)	0	0	0	0	0	0	0
CYLINDER #1 (°F)	w	1	W	V	W	w	W
CYLINDER #2 (°F)	N	W	N	N	N	N	N
CYLINDER #3 (°F)	1		37				1
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)							
WATER MAKE-UP TANK LEVEL							
GAS METER READING						1	11
INITIAL:	JO.	cit	151	CH	50	Cs	CS
DATE		615	blh	617	6/8	6.9	6.10



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

Enterprise G-3

START DATE: 7/2//	B		FIN	ISH DATE:	7/9/	1/8	
ENGINE HOUR: 248		50		NE HOUR:			
Within 200 hrs or 1 we	ek of nex	t required	oil & filter	change?			
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)	les:		-	1	1		
SUCTION PRESSURE (psi)							
ENGINE RPM'S		1					
JACKET WATER PRESURE (psi)		Ω					
JACKET WATER TEMP (°F)	1)	V					
HEAT EXCHANGER TEMP (°F)							
INBOARD BEARING TEMP (°F)	0	0					
OUTBOARD BEARING TEMP (°F)							
FRONT AIR/FUEL PRESSURE (psi)	1 1	1)					
REAR AIR/FUEL PRESSURE (psi)	W	V					
LUBE OIL LEVEL							
OIL ADDED TO ENGINE (gal)	IV	N/					
LUBE OIL ENG PRESS (psi)	10	1			1		,
GEAR BOX OIL PRESSURE (psi)				D	D	D	0
LUBE OIL FILTER	1	1		0	0	0	O
CONVERTER TEMP TC-1 (°F)				w	W	w	w
CONVERTER TEMP TC-2 (°F)				1	N	N	N
CYLINDER #1 (°F)					1		
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)							
AIR PRESSURE (psi)						1	
WATER MAKE-UP TANK LEVEL							
GAS METER READING							
INITIAL	50	CH		50	JA	7/1	50



LOCATION: V. Harbor #00082

ENGINE: Caterpillar G-1

☑ Enterprise G-3

A. ENGINE TIMER START DATE: 8/6/11	Q.		FINIS	SH DATE:	8/12/	18	
ENGINE HOUR: Z5/04					25/5		
Within 200 hrs or 1 we	ek of next *If yes, not				∐ res t	7 140	
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)	1			428.8	431.3	1	٨
SUCTION PRESSURE (psi)				108.9	107.6		1
ENGINE RPM'S				339	342		
JACKET WATER PRESURE (psi)				24	24		1
JACKET WATER TEMP (°F)				176.1	174.3		
HEAT EXCHANGER TEMP (°F)				142	140		
INBOARD BEARING TEMP (°F)				122.8	123.6		
OUTBOARD BEARING TEMP (°F)				148.2	148		
FRONT AIR/FUEL PRESSURE (psi)				,504	44.504		
REAR AIR/FUEL PRESSURE (psi)				.503	.503		
LUBE OIL LEVEL				3/9	3/8		
OIL ADDED TO ENGINE (gal)			1	0	0		
LUBE OIL ENG PRESS (psi)	D	D	D	59	59	1	
GEAR BOX OIL PRESSURE (psi)	0	0	Ŏ	8	8	D	D
LUBE OIL FILTER	W	W	W	63	63	0	0
CONVERTER TEMP TC-1 (°F)	n	N	N	862	866	v	a
CONVERTER TEMP TC-2 (°F)		,	1	694	685	1	1
CYLINDER #1 (°F)				992	989	1	1
CYLINDER #2 (°F)				974	984		
CYLINDER #3 (°F)				963	960		
CYLINDER #4 (°F)				980	960		
CYLINDER #5 (°F)				968	962		
CYLINDER #6 (°F)				964	946		
AIR PRESSURE (psi)				215	215		
WATER MAKE-UP TANK LEVEL	Full			Full	Full	1	1
GAS METER READING	1	5	· ·	Х	×		
INITIAL	CIŁ	50	CH	CH	CH	bm	pm
DATE	8/6/18	8/7/18	8/8/18		William Committee	3-11-18	87771



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

Externies C 2

A. ENGINE TIMER							
START DATE: 9/4/18			FINI	SH DATE:	9/1/	18	
ENGINE HOUR: 2534	0		ENGI	NE HOUR:	2540	4	
Within 200 hrs or 1 wee	ek of nex				☐ Yes	□ No	
B. INSPECTION	MON	TUES	weD	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)			352	3400	335	395	348 350
SUCTION PRESSURE (psi)		0	///	3.7	1/2	1//	112
ENGINE RPM'S		0	301		289	320	318
JACKET WATER PRESURE (psi)		100	25	-0	25	20	20
JACKET WATER TEMP (°F)			lot.	IN	//>	160	155
HEAT EXCHANGER TEMP (°F)		K	115	N	100	140	138
INBOARD BEARING TEMP (°F)			876		89	120	119
OUTBOARD BEARING TEMP (°F)		1	85		86	143	#144
FRONT AIR/FUEL PRESSURE (psi)			-401	i	. 504	.503	- 504
REAR AIR/FUEL PRESSURE (psi)			. 10/		. 564	-503	. 503
LUBE OIL LEVEL			3/4		1/2	1/2	1/2
OIL ADDED TO ENGINE (gal)			zersyl		0		-
LUBE OIL ENG PRESS (psi)			60		60	58	60
GEAR BOX OIL PRESSURE (psi)			20		15	7	9
LUBE OIL FILTER			65		65	63	65
CONVERTER TEMP TC-1 (°F)			327		160	759	757
CONVERTER TEMP TC-2 (°F)			565		437	620	619
CYLINDER #1 (°F)			8.70		910	905	910
CYLINDER #2 (°F)			815		915	828	912
CYLINDER #3 (°F)			47		875	946	943
CYLINDER #4 (°F)			887		881	947	945
CYLINDER #5 (°F)			8/10		890	954	950
CYLINDER #6 (°F)			710		905	953	956
AIR PRESSURE (psi)		1	215		2/5	205	205
WATER MAKE-UP TANK LEVEL			Full	77	Fill	FULL	FULL
GAS METER READING			-		_		-
INITIAL:		5	51	30	JY	C5	05
DATE		9/4	115	9/1	9/2	9.8	10.0



LOCATION: V. Harbor #00082 ENG

ENGINE: Caterpillar G-1

☐ Enterprise G-3

START DATE: /b///	18		FIN	ISH DATE:			
ENGINE HOUR: 0772			ENGI	NE HOUR:			
Within 200 hrs or 1 we	ek of nex	t required			☐ Yes	□ No	
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)		359		1	1		
SUCTION PRESSURE (psi)		660					1
ENGINE RPM'S					100		
JACKET WATER PRESURE (psi)		15					
JACKET WATER TEMP (°F)		80					
HEAT EXCHANGER TEMP (°F)		125					
INBOARD BEARING TEMP (°F)							
OUTBOARD BEARING TEMP (°F)	-1						
FRONT AIR/FUEL PRESSURE (psi)	0	.505	0	P	D	D	1
REAR AIR/FUEL PRESSURE (psi)	-0	,503	1			0	D
LUBE OIL LEVEL	0	Full	0	0	O	u	0
OIL ADDED TO ENGINE (gal)	0	600				W	w
LUBE OIL ENG PRESS (psi)	W	80	100	W	W		w
GEAR BOX OIL PRESSURE (psi)			W	K	N	1	
LUBE OIL FILTER	N						1
CONVERTER TEMP TC-1 (°F)		459	1				
CONVERTER TEMP TC-2 (°F)		570					
CYLINDER #1 (°F)							
CYLINDER #2 (°F)							
CYLINDER #3 (°F)							
CYLINDER #4 (°F)							
CYLINDER #5 (°F)							
CYLINDER #6 (°F)		-					
AIR PRESSURE (psi)		210					
WATER MAKE-UP TANK LEVEL		Full	100				
GAS METER READING	/	-					
INITIAL:	स	50	51,	64	CH	30	20
DATE:	10/1	1-12	10/3	1014	1015	10/4	10/



LOCATION: V. Harbor #00082

ENGINE: Caterpillar G-1

START DATE: 11/4/	12018	•	FINI	SH DATE:	/1/n	110	
ENGINE HOUR: 747 2	5516		ENGI	NE HOUR:	255	44	
Within 200 hrs or 1 we		t required					,
de la companya de la	If yes, no	tify Mainte	enance Le	ead**			
B. INSPECTION	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE (psi)	1	1	\	406	1	1	1
SUCTION PRESSURE (psi)				109			
ENGINE RPM'S				324			
JACKET WATER PRESURE (psi)				25			
JACKET WATER TEMP (°F)				175			
HEAT EXCHANGER TEMP (°F)				135			
INBOARD BEARING TEMP (°F)				115			
OUTBOARD BEARING TEMP (°F)				140			
FRONT AIR/FUEL PRESSURE (psi)				844			
REAR AIR/FUEL PRESSURE (psi)				· 186			
LUBE OIL LEVEL				1/2			
OIL ADDED TO ENGINE (gal)				20941			
LUBE OIL ENG PRESS (psi)		(,	60	1	1	1
GEAR BOX OIL PRESSURE (psi)	D	1	0	7	D	D	1)
LUBE OIL FILTER	0	0	0	65	D	0	0
CONVERTER TEMP TC-1 (°F)	W	w	w	778	W	w	w
CONVERTER TEMP TC-2 (°F)	N	N	n	647	N	N	N
CYLINDER #1 (°F)	1			897	1		
CYLINDER #2 (°F)				885			
CYLINDER #3 (°F)				859			
CYLINDER #4 (°F)				956			
CYLINDER #5 (°F)				956			
CYLINDER #6 (°F)				944			
AIR PRESSURE (psi)	1			210			
WATER MAKE-UP TANK LEVEL	FU11	1		tull			
GAS METER READING		A CONTRACTOR OF THE PARTY OF TH	1	-			1
		1		1		1	



LOCATION: V. Harbor #00082

ENGINE: Caterpillar G-1

Enterprise G-3

A. ENGINE TIMER

START DATE: 12/3/2018

FINISH DATE: 12/9/18

ENGINE HOUR: 25734

ENGINE HOUR: 25731

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))	1	417.1	NAME OF TAXABLE PARTY.	1		
SUCTION PRESSURE (psi)			106.5				
ENGINE RPM'S			336				
JACKET WATER PRESURE (psi)			23				
JACKET WATER TEMP (°F)			173.4				
HEAT EXCHANGER TEMP (°F)			115				
INBOARD BEARING TEMP (°F)			116.3				
OUTBOARD BEARING TEMP (°F)			1427				
FRONT AIR/FUEL PRESSURE (psi)			-8524				
REAR AIR/FUEL PRESSURE (psi)			.178				
LUBE OIL LEVEL			1/2				
OIL ADDED TO ENGINE (gal)	O	1)	26				1
LUBE OIL ENG PRESS (psi)	O	0	60				
GEAR BOX OIL PRESSURE (psi)	W	V	10		D	D	D
LUBE OIL FILTER	N	N	65		0	0	C
CONVERTER TEMP TC-1 (°F)	1	17.F2	820		V	w	Cer
CONVERTER TEMP TC-2 (°F)		161619	1099		N	N	1
CYLINDER #1 (°F)		1	411			1	
CYLINDER #2 (°F)			912				
CYLINDER #3 (°F)			933				
CYLINDER #4 (°F)			961				
CYLINDER #5 (°F)			962				
CYLINDER #6 (°F)			964				
AIR PRESSURE (psi)			215				
WATER MAKE-UP TANK LEVEL			Full				
GAS METER READING		1			1		
INITIAL:	CH	CH	CH		CH	05	CS
DATE:	1213116	W412	412/5/18		1217/18	12.8	12.4



ENGINE HOUR REPORT

40 CFR 63 SUBPART ZZZZ

LOCATION:
☐ Torrey #00385

inspection Interval: 2,160 hrs / annually

Ventura Harbor #00082

A. ENGINE INFORMATION		
ENGINE: G-1 Enterprise G-SG6	DATE:	1/20/10
G-2 Enterprise G-SG6		7019
G-3 Enterprise G-SG6	NEXT INSPECTION HOURS:	0000
G-1 Caterpillar G-379	OR ANNUALLY ON:	1/22/18
TYPE: Natural Gas	(whichever comes first)	1/29/17
B. INSPECTION		
1. ENGINE OIL		
Oil Analysis Sample: Good	Changed	
V	Changed	
Comments:		
0.001011		
	Replaced	
Comments:		
3. HOSES AND BELTS Good	Replaced	
Comments:		
INSPECTED BY:	DATE: /	
Ch-	1/2/10	7
1) 3	- 40410	
!		



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

ENGINE INFORMATION		
ENGINE: G-1 Enterprise G-SG6	DATE:	5/18/18
G-2 Enterprise G-SG6	ENGINE HOURS:	24443
G-3 Enterprise G-SG6 NE	EXT INSPECTION HOURS: _	25883
G-1 Caterpillar G-379	OR ANNUALLY ON:	5/18/19
TYPE: Natural Gas	(whichever comes first)	, ,
. INSPECTION		
1. ENGINE OIL		
Oil Analysis Sample: D Good M Ch		
Filter: Good Ch	nanged	
Comments:		
2. SPARK PLUGS ☐ Good € Comments: REPLACED		
3. HOSES AND BELTS Good	Replaced	
Comments:		
1		
INSPECTED BY	DATE:	1
of of Ohn	5/18	3/18
/		1



ENGINE HOUR REPORT

40 CFR 63 SUBPART ZZZZ

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

Inspection Interval: 1,440 hrs / annually Directions: Engine Hour Report must be completed within one year from the last inspection OR at the next required engine hour, whichever comes first. This includes, but is not limited to, oil & filter change and the inspection of spark plugs, hoses, and belts. A. ENGINE INFORMATION DATE: TYPE: Natural Gas ENGINE HOUR: ENGINE: G-1 Enterprise G-SG6 G-2 Enterprise G-SG6 **NEXT REQUIRED INSPECTION** G-3 Enterprise G-SG6 NEXT ANNUAL INSPECTION: G-1 Caterpillar G-379 NEXT ENGINE HR INSPECTION: **B. INSPECTION** 1. ENGINE OIL a) Oil: May either be changed or sampled at the time of required inspection. Changed Sampled - Date Report Received: Oil Change Required: Yes No Date oil changed: IF SAMPLED: Pull sample and submit to laboratory. When analysis report received: record date received and attach analysis report to form If oil change is required per the analysis report. - Oil must be changed within 2 days from when analysis report was received. - If engine is NOT in operation when analysis report was received, oil must be changed within 2 days from when the report was received OR prior to operating the engine, whichever is later. b) Filter: Good Changed WATER IN LUBE OIL Comments: Replaced 2. SPARK PLUGS Comments: 3. HOSES AND BELTS Replaced Comments: DATE: INSPECTED BY:

Attachment P00386PC1

Monthly Throughput and Facility Fuel Consumption



HARBOR STATION FUEL USE & SEALS IN OPERATION 2018

Columbia		FUEL		FUEL		FUEL USE	BBLS.	HOURS		HOURS	피	HOURS	SOLVENT	**PAINT	HOURS	SEALS IN OP	BBLS	1000 GAL	1000 GAL
% G2 %	BOO	IC FEET)	YEAR	(CUBIC FEET)	YEAR	TOTAL	TANK	61	YEAR	63		OTAL	CALLONS	ICALLONS	TOTAL	YEAR	TANK	THROUGHOUT	THROUGHUT
0.00% 680,100 162,995 0 0.00% 302 887% 302 0 0 0.00% 484,800 9.12% 484,800 143,128 0 0.00% 223 7.38% 223 0 0 7.80% 521,110 9.80% 583,300 182,693 29 0.86% 243 8.03% 272 0 0 14.50% 460,275 8.66% 575,900 188,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 188,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 188,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 177,426 1 0.00% 245 8.0% 246 0 0 0.00% 530,800 189,650 0 0.00% 288 9.0% 0 0 24		61	96	62	SE.	(CUBIC FEET)	THROUGHPUT		36	7 000	200				A STATE OF	%	THROUGHPUT	YEAR %	YEAR
0.00% 484,800 9.12% 484,800 143,128 0 0.00% 223 7.36% 223 0 0 7.80% 521,110 9.80% 583,300 182,693 29 0.86% 243 8.03% 272 0 0 14.80% 460,275 8.66% 575,900 188,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 188,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 177,426 1 0.00% 245 8.00% 246 0 0 0.00% 477,400 8.96% 477,400 168,064 0 0.00% 288 9.0% 0 0 24,68% 200,000 189,650 0 0.00% 288 9.0% 0 0 38,000 9.08% 530,800 162,522 115 3.80% 27 10 0		0	0.00%	680,100	12.79%	680,100	162,995	0	9600.0	302	9.87%	302	0	0	302	9.97%	162,995	7.95%	6,845.8
7.80% 521,110 9.80% 583,300 182,693 29 0.96% 243 8.03% 272 0 0 14.80% 460,275 8.66% 575,900 188,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 180,492 52 1.72% 207 6.84% 259 0 0 0.00% 693,300 180,450 177,426 1 0.00% 245 8.00% 246 0 0 0.00% 477,400 8.96% 477,400 168,064 0 0.00% 267 8.6% 267 0 0 24,68% 200,200 189,650 0 0.00% 288 9.6% 20 0 0 38,20% 200,202 377 162,522 115 3.86% 177 3.96% 0 0 0 38,20% 200,202 377 182 1.82% 128 4.25% 18		0	90000	484,800	9.12%	484,800	143,128	0	0.00%	223	7.38%	223	0	0	223	7.36%	143,128	6.96%	6,011.4
14.50% 460.275 866% 575,900 188,492 52 1.72% 207 684% 259 0 0 0.00% 693,300 130,300 221,803 0 0.00% 305 10.07% 305 0 0 0 0.00% 532,327 10.01% 534,500 177,426 1 0.03% 245 8.00% 246 0		62,190	7.80%	521,110	9.80%	583,300	182,693	29	0.96%	243	8.03%	272	0	0	272	8.98%	182,693	8.91%	7,673.1
0.00% 693,300 130,300 221,803 0 0.00% 305 10.07% 305 0 0 0.27% 532,327 10.01% 534,500 177,426 1 0.03% 245 8.00% 246 0 0 0.00% 477,400 8.86% 477,400 168,064 0 0.00% 267 8.80% 267 0 0 24,68% 530,800 189,650 0 0.00% 288 9.61% 288 0 0 0 0 24,68% 200,202 387,100 162,522 115 3.80% 177 3.80% 0 0 0 38,20% 53,578 101% 356,300 162,522 115 3.80% 237 0 0 0 14,58% 270,199 5.00% 386,300 130,814 55 1.82% 128 4.25% 183 0 0 0		115,625	14.50%	460,275	8.65%	575,900	188,492	52	1.72%	207	6.84%	259	0	0	259	8.55%	188,492	9.19%	7,916.7
0.27% 532,327 10.01% 534,500 177,426 1 0.03% 245 8.09% 246 0 0 0.00% 477,400 168,064 0 0.00% 267 8.82% 267 0 0 24,68% 530,800 189,650 0 0.00% 267 8.82% 267 0 0 24,68% 200,202 377,100 162,522 115 3.80% 117 3.60% 20 0 38,20% 53,578 101% 356,300 165,750 182 6.01% 32 1.06% 214 0 0 14,56% 270,199 5.08% 386,300 157,240 0 0.00% 237 7.83% 18 0 0 14,56% 270,199 5.08% 386,300 130,814 55 1.82% 128 4.23% 183 0 0		0	%00.0	693,300	13.04%	693,300	221,803	0	0.00%	305	10.07%	305	0	0	305	10.07%	221,803	10.82%	9,315.7
0.00% 477,400 88e% 477,400 168,064 0 0.00% 267 88e% 267 0 0 24,68% 530,800 98e% 530,800 189,650 0 0.00% 288 9.61% 288 0 0 0 24,68% 200,262 377,100 162,522 115 3.80% 117 3.60% 232 0 0 38,20% 53,578 1.01% 356,300 165,750 182 6.01% 32 1.06% 214 0 0 14,56% 270,199 5.06% 386,300 130,814 55 1.82% 128 4.25% 183 0 0		2,173	0.27%	532,327	10.01%	534,500			0.03%	245	8.09%	246	0	0	246	8.12%	177,426	8.65%	7,451.9
0.00% 530,800 9.98% 530,800 189,650 0 0.00% 288 9.61% 288 0 0 24,68% 200,262 3.77% 397,100 162,522 115 3.80% 117 3.66% 0 0 38,20% 53,578 1.01% 356,300 165,750 182 6.01% 32 1.06% 214 0 0 14,56% 270,199 5.06% 386,300 130,814 55 1.82% 128 4,25% 183 0 0 14,56% 270,199 5.06% 386,300 130,814 55 1.82% 128 4,25% 183 0 0		0	%0000	477,400	8.98%	477,400		0	0.00%	267	8.82%	267	0	0	267	8.82%	168,064	8.20%	7,058.7
24.68% 200,262 3.77% 397,100 162,522 115 3.80% 117 3.86% 232 0 0 38.20% 53,578 1.01% 356,300 165,750 182 6.01% 32 1.06% 214 0 0 14,56% 270,199 5.06% 386,300 130,814 55 1.82% 128 4.25% 183 0 0 14,56% 270,199 5.06% 386,300 130,814 55 1.82% 128 4.25% 183 0 0		0	9600'0	530,800	9.98%	530,800		0	0.00%	288	9.51%	288	0	0	288	9.51%	189,650	9.25%	7,965.3
38.20% 53,578 101% 358,300 165,750 182 6.01% 32 1.06% 214 0 0 14,58% 270,199 5.08% 386,300 130,814 55 1.82% 128 4,23% 183 0 0 14,58% 270,199 5.08% 386,300 130,814 55 1.82% 128 4,23% 183 0 0		196,838	24.68%	200,262	3.77%	397,100	162,522	115	3.80%	117	3.86%	232	0	0	232	7.66%	162,522	7.93%	6,825.9
14.58% 270,199 5.08% 386,300 130,814 55 1.82% 128 4.23% 183 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		304,722	38.20%	53,578	1.01%	358,300	165,750	182	6.01%	32	1.06%	214	0	0	214	7.07%	165,750	8.08%	6,961.5
14.58% 270,199 5.08% 386,300 130,814 55 1.82% 128 4,23% 183 0 0 0		0	9,0000	414,300	7.79%	414,300		0	0.00%	237	7.83%	237	0	0	237	7.83%	157,240	7.67%	6,604.1
2 050 577 434 14 78% 2504 BR 67% 3028 0 0		116,101	14,58%	270,199	5.08%	386,300		55	1.82%	128	4,23%	183	0	0	183	6.04%	130,814	6.38%	5,494.2
2 050 577 434 statem 2594 86 87% 3028 0 0				100				93	700-S	335			1010				19	300	
The state of the s	_	797,649	100.00%	5,318,451	100.00%	6,116,100	2,050,577	434	14.33%	2594	85.67%	3028	0	0	3028	100.00%	2,050,577	100.00%	86,124.2

*ALSO REFER TO FUEL USE ROLLING TWELVE MONTH TABLE ATTACHED

Attachment Number 50

Opacity Observation/Fugitive Emission Inspection Logs



If any	componer	nt is leaking	g, minimiz	e leak, not	ify Supervi	SOF	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT			LE	AKING (Y	/N)		
G-1 PUMP SEAL		N	W	N	N	N	N
G-3 PUMP SEAL		N	N	N	N	N	N
STATION VALVES		N	W	N	N	N	N
TANK VALVES		N	W	N	N	N	N
SUMP		V	IU	N	N	N	N
BOOSTER SEAL		W	W	V	N	N	V
MIXER SEAL		IV	N	W	N	N	N
PIG LAUNCHER		N	W	N	N	N	N
INITIAL:	1.1.18	1.2.18	1.3.18	1.4.18	1.5.18	1.6.18	1.71
1.1.18 DATE:	28	4	न्त्री	50	ST	ST	57
B. OPACITY CHECK					-14		
ENGINE	VISUAL	EMISSIO	NS	DATE	TIME	1	NITIAL
Caterpillar G-1	ПΥ						
Enterprise G-3	ПΥ	№ N	1	418	6:30	_	56
C. COMMENTS							



DAY MON TUES WED THUR FRI SAT SU COMPONENT G-1 PUMP SEAL G-3 PUMP SEAL M M M M M M M M M M M M M M M M M M	COMPONENT G-1 PUMP SEAL G-3 PUMP SEAL N N N N N N N N N N N N N	COMPONENT G-1 PUMP SEAL G-3 PUMP SEAL M STATION VALVES M TANK VALVES SUMP BOOSTER SEAL M MIXER SEAL M M M M M M M M M M M M M
G-1 PUMP SEAL G-3 PUMP SEAL A A A A A A A A A A A A	G-1 PUMP SEAL G-3 PUMP SEAL M M M M M M M M M M M M M	G-1 PUMP SEAL G-3 PUMP SEAL M M M M M M M M M M M M M
G-3 PUMP SEAL M M M M M M M M M M M M M	G-3 PUMP SEAL STATION VALVES N N N N N N N N N N N N N	STATION VALVES N N N N N N N N N N N N N
STATION VALVES N N N N N N N N N N N N N N N N N N	STATION VALVES N N N N N N N N N N N N N N N N N N	STATION VALVES N N N N N N N N N N N N N
FANK VALVES SUMP A BOOSTER SEAL A MIXER SEAL A A A A A A A A A A A A	FANK VALVES SUMP SUMP BOOSTER SEAL MIXER SEAL MIX	FANK VALVES JUMP
SUMP BOOSTER SEAL H MIXER SEAL H N N N N N N N N N N N N	SUMP BOOSTER SEAL MIXER SEAL	SUMP BOOSTER SEAL MIXER SEAL MIXER SEAL MIXER SEAL MINITIAL:
SUMP BOOSTER SEAL BY MIXER	SUMP BOOSTER SEAL MIXER SEAL	SUMP BOOSTER SEAL MIXER SEAL
MIXER SEAL H N N N N N N N N N N N N	MIXER SEAL H N N N N N N N N N N N N	MIXER SEAL H N N N N N N N N N N N N
PIG LAUNCHER N INITIAL: STO ST ST ST ST ST ST ST ST S	PIG LAUNCHER N INITIAL: 45 50 45 50 50 50 50 50 50 50 50 50 50 50 50 50	PIG LAUNCHER A A N N N N N N N N N N N N N N N N N
INITIAL: 50	INITIAL:	INITIAL: 40 50 87 5/ 8/ 5P
2 5 18 DATE: 25.18 2/6 2.7 28 2.9 2.10 2. B. OPACITY CHECK ENGINE VISUAL EMISSIONS DATE TIME INITIA Caterpillar G-1	2 5 18 DATE: 25.18 2/6 2.7 28 2.9 2.10 2 B. OPACITY CHECK ENGINE VISUAL EMISSIONS DATE TIME INITI Caterpillar G-1	
2 5 18 DATE: 25.18 2/6 2.7 28 2.9 2.10 2. B. OPACITY CHECK ENGINE VISUAL EMISSIONS DATE TIME INITIA Caterpillar G-1	2 5 18 DATE: 25.18 2/6 2.7 28 2.9 2.10 2 B. OPACITY CHECK ENGINE VISUAL EMISSIONS DATE TIME INITI Caterpillar G-1	
B. ÓPACITY CHECK ENGINE VISUAL EMISSIONS DATE TIME INITIA Caterpillar G-1	B. ÓPACITY CHECK ENGINE VISUAL EMISSIONS DATE TIME INITI Caterpillar G-1	010/18
Caterpillar G-1	Caterpillar G-1	B. ÓPACITY CHECK
		ENGINE VISUAL EMISSIONS DATE TIME INITIA
Enterprise G-3	Enterprise G-3	Caterpillar G-1
		Enterprise G-3
C. COMMENTS		



If any	compone	nt is leakin	g, minim	ize leak, noti	fy Supervis	sor	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT	7-32-3-116		L	EAKING (Y	N)		
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	W	N	N	N
STATION VALVES	H	N	N	N	N	W	N
TANK VALVES	4	N	N	N	N	N	N
SUMP	N	N	W	N	N	N	N
BOOSTER SEAL	2	N	N	N	N	N	W
MIXER SEAL	7	N	N	N	N	N	N
PIG LAUNCHER	H	N	N	IV.	W	N	N
INITIAL:	55	31	30	31	20	81	8
DATE:	3.5	3-6-18	3.7.1	3 38-18	3-9-18	3.10	18 3-11-1B
B. OPACITY CHECK		Visibility					
ENGINE	VISUAL	EMISSIO	NS	DATE	TIME		INITIAL
Caterpillar G-1	ΠY	□N					
Enterprise G-3	□ Y	N		3.6.18	BiO A	w ·	51
C. COMMENTS							
				7111			
				1115565			
			Mis-limit and A				
~~~~							



it any				e leak, not			_	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN	
COMPONENT			LE	AKING (Y	/N)	,		
G-1 PUMP SEAL		~	N	N	V	N	in	
G-3 PUMP SEAL		N	N	N	~	V	N	
STATION VALVES		N	V	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:		51	Ol	50	51	50	101	
4.2.18 DATE:		4.3	4.4	4.5	4-6	4.7	4.8	
B. OPACITY CHECK								
ENGINE	VISUAL EMISSIONS			DATE	TIME		INITIAL	
Caterpillar G-1	□ Y	r N →		4.3	1:50		SP	
Enterprise G-3	ΠY							
C. COMMENTS								
						**		



**If any	componer	nt is leakin	g, minim	nize leak, noti	ify Superv	isor**	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT			ı	EAKING (Y	N)		
G-1 PUMP SEAL	N	N	N	N	X	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	1	P
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	W	N	OV	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	W	N	N	H	0×	N
PIG LAUNCHER	N	N	N	N	N	N	N
INITIAL:	JP	Zh	21	of the state of th	00	70	Jl
5.7.18 DATE:	5.7.18	5.8	59	13 5.10.18	5/11	5/12	5/13
B. OPACITY CHECK							
ENGINE	VISUAL	EMISSIO	NS	DATE	TIM	E	INITIAL
Caterpillar G-1	ПΥ						
Enterprise G-3	ПΥ	N		5.9.18	9:00		DN
C. COMMENTS							
					11.11		



**If any	compone	nt is leakin	g, minimiz	e leak, not	ify Super	/isor**	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT			LE	EAKING (Y	(N)		
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	*/	W	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	P	N	N	N
SUMP	N	W	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	M	N	N	N	N	N	N
INITIAL:	50	CH	1c	CH	58	C5	CS
6/4/13 DATE:	6/4	615	616	6/9	618	6.9	6.10
B. OPACITY CHECK					T.		
ENGINE	VISUAI	LEMISSIO	NS	DATE	TIM	E	INITIAL
Caterpillar G-1	□ Y						
Enterprise G-3	□ Y						
C. COMMENTS							



COMPONENT   LEAKING (Y/N)   G-1 PUMP SEAL   N   N   N   N   N   N   N   N   N					e leak, noti	-		
G-1 PUMP SEAL  G-3 PUMP SEAL  N  N  N  N  N  N  N  N  N  N  N  N  N	DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
G-3 PUMP SEAL  STATION VALVES  W  TANK VALVES  W  W  SUMP  BOOSTER SEAL  W  W  MIXER SEAL  PIG LAUNCHER  W  N  N  N  N  N  N  N  N  N  N  N  N	COMPONENT			LE	AKING (Y/	N)		
STATION VALVES  N N N N N N N N N N N N N N N N N N	G-1 PUMP SEAL	N	N		4	N	N	N
TANK VALVES  SUMP  BOOSTER SEAL  MIXER SEAL  PIG LAUNCHER  N  N  N  N  N  N  N  N  N  N  N  N  N	G-3 PUMP SEAL	N	N		2	N	N	N
SUMP SUMP BOOSTER SEAL MIXER SEAL MIXER SEAL PIG LAUNCHER N N N N N N N N N N N N N N N N N N N	STATION VALVES	N	W		N	N	W	W
BOOSTER SEAL  MIXER SEAL  PIG LAUNCHER  N  N  N  N  N  N  N  N  N  N  N  N  N	TANK VALVES	N	W		M.2766	N	N	u
BOOSTER SEAL  MIXER SEAL  PIG LAUNCHER  N  N  N  N  N  N  N  N  N  N  N  N  N	SUMP	N	N		H	N	N	W
MIXER SEAL  PIG LAUNCHER  N  N  N  N  N  N  N  N  N  N  N  N  N	BOOSTER SEAL				10	N	N	a
PIG LAUNCHER	MIXER SEAL		N		N	N	N	V
7/2/18         DATE:         7/2         7/3         7/5         7/6         7/7           B. OPACITY CHECK         ENGINE         VISUAL EMISSIONS         DATE         TIME         INITIAL           Caterpillar G-1         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N         P         N<	PIG LAUNCHER	N	N		N		N.	W
7/2/18         DATE:         7/2         7/3         7/5         7/6         7/1         7/8           B. OPACITY CHECK         ENGINE         VISUAL EMISSIONS         DATE         TIME         INITIAL           Caterpillar G-1         Image: Caterpillar G-1 <t< td=""><td>INITIAL:</td><td>क्र</td><td>CH</td><td></td><td>00</td><td>26</td><td>21/</td><td>OP</td></t<>	INITIAL:	क्र	CH		00	26	21/	OP
B. OPACITY CHECK  ENGINE VISUAL EMISSIONS DATE TIME INITIAL  Caterpillar G-1	7/2/18 DATE:	7/2	7/3			7/6	711	7/3
Caterpillar G-1								
Enterprise G-3	ENGINE	VISUAL	EMISSIC	NS	DATE	TIMI	E	INITIAL
	Caterpillar G-1	□ Y	□N					
C. COMMENTS	Enterprise G-3	ΠY	□N					
	C. COMMENTS							



				e leak, noti	- coope	The state of the s	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
OMPONENT			LE	AKING (Y/	N)		
-1 PUMP SEAL	ok	ok	OK	ok	OK	OL	DL
-3 PUMP SEAL	OIC	04	OK	OK	OK	OX	OL
TATION VALVES	OK	oh	ok	ok	OK	ok	OK
ANK VALVES	OK	ole	ok	OK	OK	OV	ck
UMP	OK	04	OK	OK	OK	ot	ok
OOSTER SEAL	OK	oh	OK	OK	oK	OK	ak
IXER SEAL	014	ole	ok	OK	oK	oL	ol
IG LAUNCHER	OK	ok	ok	ok	OK	01	04
INITIAL:	CH	50	CH	CH	cH	Om	DIM
DATE:	8/6/18	8/7/18	8/8/18	8/9/18	8/10/18	8-11-8	P-124
OPACITY CHECK							A SE
NGINE	VISUAL	EMISSIC	ONS	DATE	TIME	11	NITIAL
aterpillar G-1	□ Y						
interprise G-3	ПΥ	PKN	6	19	7100		H.
. COMMENTS							
							Av-I
P-01-19-11-11-11-11-11-11-11-11-11-11-11-11							



COMPONENT G-1 PUMP SEAL G-3 PUMP SEAL STATION VALVES TANK VALVES SUMP BOOSTER SEAL		N N N	WED  LE  N  N  N	AKING (Y/II	FRI	N N	SUN
G-1 PUMP SEAL  G-3 PUMP SEAL  STATION VALVES  FANK VALVES  SUMP		N	N	N N	V)	N	بر
G-3 PUMP SEAL  STATION VALVES  FANK VALVES  SUMP		N	N	N		N	بر
STATION VALVES NOT ANK VALVES NOT		N	N	N			ير ا
TANK VALVES N		N				N	1
SUMP ~	-		N				~
		4/		N		N	N
300STER SEAL N		N	N	w		$\sim$	N
	1	N	N	N		N	N
MIXER SEAL ~	/	N	N	N		N	N
PIG LAUNCHER ~	/	N	~	N		N	N
INITIAL: 5	P	51	SP	50		C.S	CS
9/15/18 DATE: 9/	10	9/11	9/12	9/13		9.15	9.16
B. OPACITY CHECK							
ENGINE VIS	SUAL	EMISSIO	NS	DATE	TIME		INITIAL
Caterpillar G-1	Υ						
Enterprise G-3	Υ	ZN	1	1/0	7:00	-	50
C. COMMENTS	No.						



**If any	componer	nt is leaking	g, minimiz	e leak, not	ify Superv	isor**		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN	
COMPONENT			LE	AKING (Y	N)	Water -		
G-1 PUMP SEAL	~	N	N	N	N	N	M	
G-3 PUMP SEAL	N	N	N	N	N	N	W	
STATION VALVES	~	N	N	N	N	W	M	
ANK VALVES	~	N	~	N	N	M	+1	
SUMP	~	N	N	N	N	N	*	
BOOSTER SEAL	N	N	N	W	V	N	X	
MIXER SEAL	n	W	N	N	N	N	N	
PIG LAUNCHER	N	N	N	N	N	~	M	
N/1/18 INITIAL:	50	50	58	cut	cut	20	20	
DATE:	10/1/18	10/2/18	10/3/18	10/4/18	1015	10/6	10/	
B. OPACITY CHECK		- ' '	11					
ENGINE	VISUAL	EMISSIO	NS	DATE	TIM	E	INITIAL	
Caterpillar G-1	□ Y	DX N		10/2	8:20	2	B	
Enterprise G-3	ПΥ	□N		/				
C. COMMENTS								
C. COMMENTS								
			·					



component	is leaking	, minimize	leak, notif	y Supervis	sor**	
MON	TUES	WED	THUR	FRI	SAT	SUN
		LEA	AKING (Y/I	N)		
N	W	N	N	N	N	N
N	N	W	N	N	N	N
N	N	N	N	N	N	N
N	W	N	N	N	a	N
N	N	N	N	N	$\sim$	N
N		N	a	N	N	N
N	N	N	N	N	P	N
N	N	N	N	N	N	N
CH	8	SI	80	cH	CH	cut
	11/6/18	11/7/18	11/8/18		11/10/18	1/11/19
			a state			
VISUAL	EMISSIO	NS I	DATE	TIME	11	NITIAL
ΠY	□N				- 50 100	
D. 1.	DYN	//	18/18	6:30	(	SP
□ Y	14	0.00				STOCKE WAS A STOCKE
	G-N					
	MON	MON TUES  N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N	N   N   N   N   N   N   N   N   N   N	MON   TUES   WED   THUR	MON   TUES   WED   THUR   FRI	N   N   N   N   N   N   N   N   N   N



COMPONENT   LEAKING (Y/N)   COMPONENT   LEAKING (Y/N)   COMPONENT   COMPONEN	**If any	component	t is leaking	, minimize	e leak, not	ify Supervi	sor**	
G-1 PUMP SEAL	DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
G-3 PUMP SEAL N N N N N N N N N N N N N N N N N N N	COMPONENT			LE	AKING (Y	/N)		
G-3 PUMP SEAL   N	G-1 PUMP SEAL	N	N	a	Tracker I	N	N	N
TANK VALVES	G-3 PUMP SEAL	N	N	N		W	N	37000
SUMP	STATION VALVES	N	N	a		N	N	N
BOOSTER SEAL   N   N   N   N   N   N   N   N   N	ANK VALVES	N	N	N		N		N
MIXER SEAL N N N N N N N N N N N N N N N N N N N	SUMP	N	N	N		N	7	N
MIXER SEAL N N N N N N N N N N N N N N N N N N N	BOOSTER SEAL	N	N	N		N	~	N
PIG LAUNCHER	MIXER SEAL	N	N	۲		N	- San	N
INITIAL:	PIG LAUNCHER	N	N	N			N	N
Part         April 18   12   13   16   12   14   18   13   18   13   18   13   18   13   18   18	INITIAL:	cH	cH	cit		cit	CS	
B. ÓPACITY CHECK  ENGINE VISUAL EMISSIONS DATE TIME INITIAL  Caterpillar G-1	12/3/18 DATE:	412/3/1	12/4/19	1215/18		12/7/18		12.7
Caterpillar G-1	B. OPACITY CHECK							
Enterprise G-3	ENGINE	VISUAL	EMISSIO	NS	DATE	TIME		INITIAL
	Caterpillar G-1	ΠY	□N				22	
C. COMMENTS	Enterprise G-3	ΠY	□N					
	C. COMMENTS							
		***************************************						



# ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

A. Attachment # or Permit Condition #. Att. No. 71.2N2, Rules 71.2.B.4, 71.2.C.1	B. Equipment description: Tank 150305		C. Deviation Period: Date & Time Begin: Unknown  End: 6/13/2018, 4:00pm  When Discovered: Date & Time 6/8/2018, 7:10am
D. Parameters monitored:	E. Limit:		F. Actual:
Floating Roof	Integrity		Damage
G. Probable Cause of Deviation: Oversight		H. Corrective actions Repairs were perfo	taken: ormed upon discovery.
A. Attachment # or Permit Condition #. Att. No. 74.9N3, Rules 74.9.B.1 and B.2	B. Equipment description Enterprise Engine G-3		C. Deviation Period: Date & Time Begin: 9/31/2018, 11:59pm  End: 10/31/2018, unknown  When Discovered: Date & Time 9/25/2019
D. Parameters monitored:	E. Limit		F. Actual:
Months	3		4
G. Probable Cause of Deviation: All head gaskets failed on 9/25/201 taken out of service. Replacements until late October.		H. Corrective actions Quarterly emission replacement parts	s screening was performed 10/31/2018, after
A. Attachment # or Permit Condition #:	B. Equipment description	i.	C. Deviation Period: Date & Time Begin:  End:  When Discovered: Date & Time
D. Parameters monitored:	E. Limit:		F. Actual:
G. Probable Cause of Deviation:	G. Probable Cause of Deviation:		taken: