



May 8, 2012

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

SUBJECT: ANNUAL TITLE V COMPLIANCE CERTIFICATION  
FOR PERIOD BEGINNING APRIL 1, 2011  
VENTURA COUNTY APCD PERMIT 00041

Dear Mr. Searcy:

Enclosed please find Aera Energy LLC's (Aera) Annual Compliance Certification report for the period April 1, 2011 through March 31, 2012 for Permit No. 00041.

Aera completed the Annual Compliance Certification report to the best of its ability using the permit. Aera is willing to meet and confer with District management and staff to discuss any matters for which the District requests additional information or explanation of Aera's responses.

Should you have any questions concerning this report or require additional information, please feel free to contact me at (805) 648-8207.

Sincerely,

A handwritten signature in blue ink that reads "C. Logan".

Christopher Logan  
Compliance Assurance Specialist

cc: U.S. Environmental Protection Agency  
Region IX, Air-3  
75 Hawthorne Street  
San Francisco, CA 94105

RECEIVED  
VENTURA CO  
MAY -8 PM 4:12  
A.P.C.D.

**ANNUAL COMPLIANCE CERTIFICATION OF  
FEDERAL (TITLE V, PART 70) OPERATING PERMITS**

**VENTURA COUNTY  
AIR POLLUTION CONTROL DISTRICT  
PERMIT NO. 0041**

**AERA ENERGY LLC  
VENTURA AVENUE PERMIT  
APRIL 1, 2011 – MARCH 31, 2012**

**MAY 2, 2012**



**AERA ENERGY LLC  
P.O. BOX 11164  
BAKERSFIELD, CALIFORNIA 93389-1164**



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:

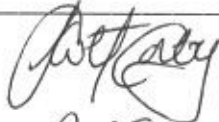
Mr. Gerardo Rios, Chief  
Permits Office (Air-3)  
Office of Air Division  
EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

### 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 the 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: <u>2 May '12</u>
Title: <u>Vice President Operations - Pacific</u>	

Time Period Covered by Compliance Certification
<u>04 / 01 / 11</u> (MM/DD/YY) to <u>03 / 31 / 12</u> (MM/DD/YY)



## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

<b>A. Attachment # or Permit Condition #:</b>  Rule: 71.1N6 Rule Condition No: 2	<b>B. Equipment Description:</b>  73 - 500 BBL Portable Tanks	<b>C. Deviation Period: Date &amp; Time</b> Begin: 4/1/2011 12:00:00AM End: 6/27/2011 5:00:00PM  When Discovered: 6/9/2011 10:00:00AM
<b>D. Parameters monitored:</b> Not Applicable	<b>E. Limit:</b> Not Applicable	<b>F. Actual:</b> Not Applicable
<b>G. Probable Cause of Deviation:</b> Portable tank used as a pig receiver was located less than 150 feet from an existing tank farm. Subsequent analysis indicated the liquids entering the tank exceeded the limit of 5 mg/l ROC.		<b>H. Corrective actions taken:</b> The portable tank is now connected to vapor recovery. Teams have been reminded of portable tank requirements.

<b>A. Attachment # or Permit Condition #:</b>  Rule: 71.1.C Rule Condition No: 1	<b>B. Equipment Description:</b>  FACILITY-WIDE REQUIREMENTS	<b>C. Deviation Period: Date &amp; Time</b> Begin: 9/20/2011 11:30:00AM End: 9/20/2011 11:45:00AM  When Discovered: 9/20/2011 11:30:00AM
<b>D. Parameters monitored:</b> Not Applicable	<b>E. Limit:</b> Not Applicable	<b>F. Actual:</b> Not Applicable
<b>G. Probable Cause of Deviation:</b> Southern California Edison power outage.		<b>H. Corrective actions taken:</b> The vapor recovery compressors resumed normal operation once power was restored.

<b>A. Attachment # or Permit Condition #:</b>  Rule: 71.1N1 Rule Condition No: 1	<b>B. Equipment Description:</b>  1 - 3000 BBL Hartman Filtered Water Tank (TWPM-T006) VR	<b>C. Deviation Period: Date &amp; Time</b> Begin: 10/5/2011 2:15:00PM End: 10/5/2011 3:00:00PM  When Discovered: 10/5/2011 2:15:00PM
<b>D. Parameters monitored:</b> Not Applicable	<b>E. Limit:</b> Not Applicable	<b>F. Actual:</b> Not Applicable
<b>G. Probable Cause of Deviation:</b> The pressure transmitter for the tank failed resulting in make-up gas flowing into the tank and out the Varec.		<b>H. Corrective actions taken:</b> The pressure transmitter was replaced and the system resumed normal operation.





## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

<b>A. Attachment # or Permit Condition #:</b>  Rule: 71.1.C Rule Condition No: 1	<b>B. Equipment Description:</b>  FACILITY-WIDE REQUIREMENTS	<b>C. Deviation Period: Date &amp; Time</b> Begin: 11/2/2011 5:00:00AM End: 11/2/2011 2:30:00PM  When Discovered: 11/2/2011 5:00:00AM
<b>D. Parameters monitored:</b> Not Applicable	<b>E. Limit:</b> Not Applicable	<b>F. Actual:</b> Not Applicable
<b>G. Probable Cause of Deviation:</b> Southern California Edison power outage.		<b>H. Corrective actions taken:</b> The vapor recovery compressors resumed normal operations once power was restored.

<b>A. Attachment # or Permit Condition #:</b>  Rule: 71.1.C Rule Condition No: 1	<b>B. Equipment Description:</b>  FACILITY-WIDE REQUIREMENTS	<b>C. Deviation Period: Date &amp; Time</b> Begin: 12/30/2011 6:55:00AM End: 12/30/2011 7:30:00AM  When Discovered: 12/30/2011 6:55:00AM
<b>D. Parameters monitored:</b> Not Applicable	<b>E. Limit:</b> Not Applicable	<b>F. Actual:</b> Not Applicable
<b>G. Probable Cause of Deviation:</b> Southern California Edison power outage.		<b>H. Corrective actions taken:</b> The vapor recovery compressors resumed normal operation once power was restored.

<b>A. Attachment # or Permit Condition #:</b>  Rule: 71.1N1 Rule Condition No: 1	<b>B. Equipment Description:</b>  8000 bbl LACT Tank (VORD-T026A) VR	<b>C. Deviation Period: Date &amp; Time</b> Begin: 1/11/2012 6:10:00AM End: 1/11/2012 3:00:00PM  When Discovered: 1/11/2012 9:00:00AM
<b>D. Parameters monitored:</b> Not Applicable	<b>E. Limit:</b> Not Applicable	<b>F. Actual:</b> Not Applicable
<b>G. Probable Cause of Deviation:</b> A bad connection caused a communication failure with the PLC.		<b>H. Corrective actions taken:</b> Communication was reestablished and allowed the vapor recovery valves to function normally.



**ANNUAL COMPLIANCE CERTIFICATION  
DEVIATION SUMMARY FORM**

Period Covered by Compliance Certification: 04/01/11 (MM/DD/YY) to 03/31/12 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #:  Rule: 74.15N1 Rule Condition No: 1</p>	<p>B. Equipment Description:  1 - 14.25 MMBTU/Hr NG Wheco Heater Serial No.WJ-81-009, Low Nox</p>	<p>C. Deviation Period: Date &amp; Time Begin: 2/16/2012 1:43:00PM End: 2/16/2012 3:00:00PM  When Discovered: 2/16/2012 1:43:00PM</p>
<p>D. Parameters monitored: Not Applicable</p>	<p>E. Limit: Not Applicable</p>	<p>F. Actual: Not Applicable</p>
<p>G. Probable Cause of Deviation: Source test exceeded permitted emission limits for CO due to inadequate air flow to the burners.</p>		<p>H. Corrective actions taken: Minor adjustments were made to the unit and the source test passed on the second attempt.</p>

<p>A. Attachment # or Permit Condition #:  Rule: 71.1N6 Rule Condition No: 2</p>	<p>B. Equipment Description:  73 - 500 BBL Portable Tanks</p>	<p>C. Deviation Period: Date &amp; Time Begin: 2/23/2012 3:00:00PM End: 2/23/2012 3:15:00PM  When Discovered: 2/23/2012 3:00:00PM</p>
<p>D. Parameters monitored: Not Applicable</p>	<p>E. Limit: Not Applicable</p>	<p>F. Actual: Not Applicable</p>
<p>G. Probable Cause of Deviation: A fitting failed on the vapor recovery line.</p>		<p>H. Corrective actions taken: The vapor recovery line was reconnected and resumed normal operation.</p>

<p>A. Attachment # or Permit Condition #:  Rule: 71.1N1 Rule Condition No: 1</p>	<p>B. Equipment Description:  1 - 20,000 BBL Spare Tank (VOTD-T206) VR</p>	<p>C. Deviation Period: Date &amp; Time Begin: 3/26/2012 4:15:00PM End: 3/26/2012 5:30:00PM  When Discovered: 3/26/2012 4:15:00PM</p>
<p>D. Parameters monitored: Not Applicable</p>	<p>E. Limit: Not Applicable</p>	<p>F. Actual: Not Applicable</p>
<p>G. Probable Cause of Deviation: The leak was found on the roof of the tank in an area that had previously been repaired.</p>		<p>H. Corrective actions taken: The area of leakage was sealed tight using Splash Zone resulting in control of produced gas.</p>



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COLUMN 1 Citation	COLUMN 2 Compliance Status <small>(As indicated by most recent monitoring measurement or observation)</small>	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information <small>(excursions, exceedences, or additional data that indicated non compliance during the certification period)</small>
<b>Equipment: FACILITY-WIDE REQUIREMENTS Revised on 6/4/2008</b>				
0041PC9 Cond 1	In Compliance	Continuous	Documentation of electrical power source	
0041PC9 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
40CFR61.M Cond 1	In Compliance	Continuous	Work Practices - Asbestos Activities	
40CFR61.M Cond 2	In Compliance	Continuous	Work Practices - Asbestos Activities	
40CFR68 Cond 1	In Compliance	Continuous	Documentation of risk management plan	
40CFR68 Cond 2	In Compliance	Continuous	Documentation of risk management plan and audit RMP on three year frequency as required	
40CFR68 Cond 3	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
40CFR70 Cond 1	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 2	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 3	In Compliance	Continuous	Documentation of prompt reporting and followup deviation reports	
40CFR70 Cond 4	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 5	In Compliance	Continuous	Documentation of Part 70 compliance records	
40CFR70 Cond 6	In Compliance	Continuous	Documentation of Part 70 permit records upon District request	



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40CFR70 Cond 7	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 8	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 9	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 10	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 11	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 12	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 13	In Compliance	Continuous	Documentation of Title V five year renewal	
40CFR70 Cond 14	In Compliance	Continuous	Documentation of Certification by Responsible Official	
40CFR70 Cond 15	In Compliance	Continuous	Documentation of Annual Certification submittals	
40CFR82 Cond 1	In Compliance	Continuous	Work Practices - Refrigerant/Air Conditioners	
40CFR82 Cond 2	In Compliance	Continuous	Work Practices - Refrigerant/Air Conditioners	
50 Cond 1	In Compliance	Continuous	Work Practices - Visible Emissions	
50 Cond 2	In Compliance	Continuous	Documentation of visible emissions	
50 Cond 3	In Compliance	Continuous	Documentation of visible emission evaluations and Annual Certification by Responsible Official	
50 Cond 4	In Compliance	Continuous	Documentation of visible emissions upon District request	



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54.B.1 Cond 1	In Compliance	Continuous	Documentation of fuel sulfur analysis	
54.B.1 Cond 2	In Compliance	Continuous	Reference Condition	
54.B.1 Cond 3	In Compliance	Continuous	Documentation of compliance upon District request	
54.B.2 Cond 1	In Compliance	Continuous	Documentation of fuel sulfur analysis and modeling data	
54.B.2 Cond 2	In Compliance	Continuous	Documentation of fuel sulfur analysis and modeling data	
54.B.2 Cond 3	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	
57.1 Cond 1	In Compliance	Continuous	Documentation of source test reports	
57.1 Cond 2	In Compliance	Continuous	Documentation of compliance upon District request	
57.1 Cond 3	In Compliance	Continuous	Reference Condition	
64.B.1 Cond 1	In Compliance	Continuous	Documentation of fuel sulfur analysis	
64.B.1 Cond 2	In Compliance	Continuous	Reference Condition	
64.B.1 Cond 3	In Compliance	Continuous	Documentation of fuel sulfur analysis	
64.B.1 Cond 4	In Compliance	Continuous	Documentation of fuel sulfur analysis and annual submittal	
64.B.2 Cond 1	In Compliance	Continuous	Documentation of liquid fuel sulfur content	
64.B.2 Cond 2	In Compliance	Continuous	Documentation of liquid fuel sulfur content	



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<b>COLUMN 1</b> Citation	<b>COLUMN 2</b> Compliance Status (As indicated by most recent monitoring measurement or observation)	<b>COLUMN 3</b> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<b>COLUMN 4</b> Method for determining Compliance Status.	<b>COLUMN 5</b> Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
64.B.2 Cond 3	In Compliance	Continuous	Documentation of liquid fuel sulfur content	
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Produced gas was not controlled when a Southern California Edison power outage occurred causing the vapor recovery compressors to shutdown. Breakdown relief requested and granted.
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Produced gas was not controlled when a Southern California Edison power outage occurred causing the vapor recovery compressors to shutdown. Breakdown relief requested and granted. Event Date: 09/20/2011
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Produced gas was not controlled when a Southern California Edison power outage occurred causing the vapor recovery compressors to shutdown. Breakdown relief requested and granted. Event Date: 11/02/2011
71.1.C Cond 2	In Compliance	Continuous	Reference Condition	Produced gas was not controlled when a Southern California Edison power outage occurred causing the vapor recovery compressors at the river bottom production facility to shutdown. Breakdown relief requested and granted. Event Date: 12/30/2011
71.1.C Cond 3	In Compliance	Continuous	Annual visual inspection and certification that the vapor recovery system is a closed system	
71.1.C Cond 4	In Compliance	Continuous	Documentation of flare inspection records	



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71.1.C Cond 5	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.4.B.1 Cond 1	In Compliance	Continuous	Work Practices - Pits, Ponds, and Well Cellars	
71.4.B.1 Cond 2	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
71.4.B.3 Cond 1	In Compliance	Continuous	Documentation of well cellar inspections	
71.4.B.3 Cond 2	In Compliance	Continuous	Documentation of well cellar inspections	
71.4.B.3 Cond 3	In Compliance	Continuous	Documentation of well cellar inspections	
71.4.B.3 Cond 4	In Compliance	Continuous	Documentation of well maintenance	
74.1 Cond 1	In Compliance	Continuous	Work Practices - Abrasive Blasting	
74.1 Cond 2	In Compliance	Continuous	Work Practices - Abrasive Blasting	
74.1 Cond 3	In Compliance	Continuous	Work Practices - Abrasive Blasting	
74.1 Cond 4	In Compliance	Continuous	Work Practices - Abrasive Blasting	
74.1 Cond 5	In Compliance	Continuous	Work Practices - Abrasive Blasting	
74.1 Cond 6	In Compliance	Continuous	Work Practices - Abrasive Blasting	
74.1 Cond 7	In Compliance	Continuous	Documentation of abrasive blasting operations & surveillance	
74.10 Cond 1	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	





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74.10 Cond 2	In Compliance	Continuous	Work Practices - Tank Inspection	
74.10 Cond 3	In Compliance	Continuous	Reference Condition	
74.10 Cond 4	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 5	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 6	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 7	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 8	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 9	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 10	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 11	In Compliance	Continuous	Reference Condition	
74.10 Cond 12	In Compliance	Continuous	Reference Condition	
74.10 Cond 13	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 14	In Compliance	Continuous	Reference Condition	
74.10 Cond 15	In Compliance	Continuous	Reference Condition	
74.10 Cond 16	In Compliance	Continuous	Reference Condition	



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<b>COLUMN 1</b> Citation	<b>COLUMN 2</b> Compliance Status (As indicated by most recent monitoring measurement or observation)	<b>COLUMN 3</b> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<b>COLUMN 4</b> Method for determining Compliance Status.	<b>COLUMN 5</b> Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
74.10 Cond 17	In Compliance	Continuous	Documentation of Operator Management Plan annual submittal/update	
74.10 Cond 18	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 19	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 20	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 21	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 22	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 23	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 24	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 25	In Compliance	Continuous	Reference Condition	
74.10 Cond 26	In Compliance	Continuous	Reference Condition	
74.10 Cond 27	In Compliance	Continuous	Reference Condition	
74.10 Cond 28	In Compliance	Continuous	Reference Condition	
74.10 Cond 29	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 30	In Compliance	Continuous	Documentation of 74.10 inspection logs	



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<b>COLUMN 1</b> Citation	<b>COLUMN 2</b> Compliance Status (As indicated by most recent monitoring measurement or observation)	<b>COLUMN 3</b> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<b>COLUMN 4</b> Method for determining Compliance Status.	<b>COLUMN 5</b> Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
74.10 Cond 31	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 32	In Compliance	Continuous	Documentation of calibration records	
74.10 Cond 33	In Compliance	Continuous	Reference Condition	
74.10 Cond 34	In Compliance	Continuous	Reference Condition	
74.10 Cond 35	In Compliance	Continuous	Reference Condition	
74.10 Cond 36	In Compliance	Continuous	Reference Condition	
74.16 Cond 1	In Compliance	Continuous	Reference Condition	
74.16 Cond 2	In Compliance	Continuous	Reference Condition	
74.16 Cond 3	In Compliance	Continuous	Documentation of NOx requirements and California Air Resources Board PERP registration	
74.16 Cond 4	In Compliance	Continuous	Documentation of NOx requirements and California Air Resources Board PERP registration	
74.16 Cond 5	In Compliance	Continuous	Documentation of source test report upon District request	
74.16 Cond 6	In Compliance	Continuous	Documentation of cost analysis records	
74.2 Cond 1	In Compliance	Continuous	Work Practices - Architectural Coatings	
74.2 Cond 2	In Compliance	Continuous	Work Practices - Architectural Coatings	



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74.2 Cond 3	In Compliance	Continuous	Work Practices - Architectural Coatings	
74.2 Cond 4	In Compliance	Continuous	Work Practices - Architectural Coatings	
74.2 Cond 5	In Compliance	Continuous	Documentation of VOC content of architectural coatings	
74.2 Cond 6	In Compliance	Continuous	Reference Condition	
74.22 Cond 1	In Compliance	Continuous	Reference Condition	
74.22 Cond 2	In Compliance	Continuous	Documentation of compliance upon District request	
74.22 Cond 3	In Compliance	Continuous	Documentation of annual survey/verification and Annual Certification by Responsible Official	
74.26 Cond 1	In Compliance	Continuous	Work Practices - Tank Degassing	
74.26 Cond 2	In Compliance	Continuous	Work Practices - Tank Degassing	
74.26 Cond 3	In Compliance	Continuous	Documentation of District notification	
74.26 Cond 4	In Compliance	Continuous	Documentation of air pollution control device records	
74.26 Cond 5	In Compliance	Continuous	Documentation of storage tank exemption records	
74.26 Cond 6	In Compliance	Continuous	When requested by the District, Aera will test the vapor flow and concentration to determine destruction or removal efficiency using appropriate methods.	



# Ventura County Air Pollution Control District

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74.26 Cond 7	In Compliance	Continuous	Work Practices - Tank Degassing	
74.26 Cond 8	In Compliance	Continuous	Work Practices - Tank Degassing	
74.26 Cond 9	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.28 Cond 1	In Compliance	Continuous	Reference Condition	
74.28 Cond 2	In Compliance	Continuous	Documentation of roofing kettle temperature	
74.28 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
74.28 Cond 4	In Compliance	Continuous	Documentation of equipment configuration	
74.28 Cond 5	In Compliance	Continuous	Reference Condition	
74.29 Cond 1	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 2	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 3	In Compliance	Continuous	Documentation of weekly measurements and WP - Soil Decontamination	
74.29 Cond 4	In Compliance	Continuous	Documentation of District notification	
74.29 Cond 5	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 6	In Compliance	Continuous	Reference Condition	
74.29 Cond 7	In Compliance	Continuous	Documentation of weekly measurements and WP - Soil Decontamination	



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74.29 Cond 8	In Compliance	Continuous	Documentation of ROC emissions from soil decontamination	
74.29 Cond 9	In Compliance	Continuous	Documentation of soil decontamination records	
74.29 Cond 10	In Compliance	Continuous	Documentation of soil aeration log records	
74.29 Cond 11	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.4.D Cond 1	In Compliance	Continuous	Documentation of road oil constituents	
74.4.D Cond 2	In Compliance	Continuous	Documentation of oil analysis records	
74.6 Cond 1	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 2	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 3	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 4	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 5	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 6	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 7	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 8	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.6 Cond 9	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	





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74.6 Cond 10	In Compliance	Continuous	Documentation of operating parameters	
74.6 Cond 11	In Compliance	Continuous	Reference Condition	
74.6 Cond 12	In Compliance	Continuous	Reference Condition	
74.6 Cond 13	In Compliance	Continuous	Reference Condition	
74.6 Cond 14	In Compliance	Continuous	Documentation of ROC containing solvent	
74.6 Cond 15	In Compliance	Continuous	Work Practices - Solvent Usage	
<b>Equipment: 1 - 5000 BBL Wash Tank (TOLD-T004) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 5000 BBL PWT Spare Pre-Wemco 2-Ring Tank (TWCF-T010) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	





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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications		
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities		
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official		
<b>Equipment: 1 - 5000 BBL PWT Pre-Wemco 3-Ring Tank (TCWF-T009) VR Revised on 6/4/2008</b>					
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration		
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications		
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities		
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official		
<b>Equipment: 1 - 173 BBL PWT Wemco #1 (TCWF-W001) VR Revised on 6/4/2008</b>					



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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 173 BBL PWT Wemco #2 (TCWF-W002) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



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<b>Equipment: 1 - 173 BBL PWT Wemco #3 (TCWF-W003) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 1000 BBL PWT Clean Water Tank (TWCF-T500) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 5000 BBL C-Block LACT Tank (TOLD-T001) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 5000 BBL D-Block LACT Tank (TOLD-T002) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



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71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 5000 BBL Santa Maria Spare Tank, COST (TOLD-T003) VR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond 1	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 1 - 5000 PWT Old Wemco Tank (TWCF-T100) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 5000 BBL PWT New Wemco Tank (TWC-F-1400) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 1000 BBL Solids Tank, COST (TWSI-T001) VR Revised on 10/1/2009</b>				





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0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC14 Cond 1	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
0041PC14 Cond 3	In Compliance	Continuous	Work Practices - Tank Inspection	
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 5	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 7	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 8	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	





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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond 2	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 1 - 500 BBL PWT SlopTank (TWCF-T600) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 1600 BBL PWT Floatation Cell Tank (TWCF-T200) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



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71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 70000 BBL Emergency Cement Bowl (CMTD-S70K) Revised on 6/4/2008</b>				
0041PC8 Cond 1	In Compliance	Continuous	Documentation of pit usage (days, material stored and cleaning operations)	
0041PC8 Cond 2	In Compliance	Continuous	Documentation of Semi - Annual Report	
71.4N2 Cond 1	In Compliance	Continuous	Documentation of pit usage (days, material stored and cleaning operations)	
71.4N2 Cond 2	In Compliance	Continuous	Documentation of emergency pit usage and annual certification by responsible official	
71.4N2 Cond 3	In Compliance	Continuous	Documentation of pit usage (days, material stored and cleaning operations)	
<b>Equipment: 1 - Crude Oil Loading Facility BL VR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
71.3N3 Cond 1	In Compliance	Continuous	Work Practices - Transfer of ROC Liquids. Facility idle during this compliance period.	



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71.3N3 Cond 2	In Compliance	Continuous	Work Practices - Transfer of ROC Liquids. Facility idle during this compliance period.	
71.3N3 Cond 3	In Compliance	Continuous	Work Practices - Transfer of ROC Liquids. Facility idle during this compliance period.	
71.3N3 Cond 4	In Compliance	Continuous	Documentation of leak inspections. Facility idle during this compliance period.	
71.3N3 Cond 5	In Compliance	Continuous	Work Practices - Transfer of ROC Liquids. Facility idle during this compliance period.	
71.3N3 Cond 6	In Compliance	Continuous	Work Practices - Transfer of ROC Liquids. Facility idle during this compliance period.	
71.3N3 Cond 7	In Compliance	Continuous	Documentation of leak inspections. Facility idle during this compliance period.	
71.3N3 Cond 8	In Compliance	Continuous	Documentation of leak inspections. Facility idle during this compliance period.	
71.3N3 Cond 9	In Compliance	Continuous	Documentation of leak inspections. Facility idle during this compliance period.	
71.3N3 Cond 10	In Compliance	Continuous	Documentation of inspection records. Facility idle during this compliance period.	



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<b>Equipment: 1- 1050 MMBTU/Hr John Zink Hydra 8" Flare Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC2 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 2	In Compliance	Continuous	Documentation of flare operating logs	
0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond 4	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1-205 MMBTU/Hr 6" Flare (includes coaxial 2 MMBTU/Hr 1.5" unit) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC2 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 2	In Compliance	Continuous	Documentation of flare operating logs	



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0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond 5	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - 616 BHP Lean Burn NG Waukesha Engine Model F352 IGL (C-201) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 3	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 4	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N4 Cond 5	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N4 Cond 6	In Compliance	Continuous	Documentation of I.C. engine inspection logs	



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74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
PE0041 Cond 3	In Compliance	Continuous	Documentation of emissions	
TP0041 Cond 6	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - 616 BHP Lean Burn NG Waukesha Engine Model F352IGL(C-202) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 3	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 4	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N4 Cond 5	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N4 Cond 6	In Compliance	Continuous	Documentation of I.C. engine inspection logs	





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74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
PE0041 Cond 4	In Compliance	Continuous	Documentation of emissions	
TP0041 Cond 7	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - 14.25 MMBTU/Hr NG Wheco Heater Serial No. WJ-81-009, Low Nox Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC3 Cond 2	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 5	In Compliance	Continuous	Documentation of operating parameters	
0041PC3 Cond 6	In Compliance	Continuous	Documentation of source test reports	
0041PC3 Cond 7	In Compliance	Continuous	Reference Condition	
74.15N1 Cond 1	In Compliance	Intermittent	Documentation of source test reports	During a source test for the 14.25 MMBTU/Hr Wheco Heater (602), permitted emissions of CO exceeded the 400 ppm limit. NOV# 22641 issued.  Event Date: 02/16/2012
74.15N1 Cond 2	In Compliance	Continuous	Documentation of source test reports	
74.15N1 Cond 3	In Compliance	Continuous	Documentation of alternate fuel use	



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74.15N1 Cond 4	In Compliance	Continuous	Documentation of startup procedure	
74.15N1 Cond 5	In Compliance	Continuous	Documentation of alternate fuel use and source test report upon District request	
74.15N1 Cond 6	In Compliance	Continuous	Documentation of FGR monitoring and recordkeeping requirements	
TP0041 Cond 8	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - Glycol Dehydrator System (12.3 MMSCFD/Ethylene Glycol)</b>				
<b>1 - Glycol Dehydrator Vent VR</b>				
<b>1 - 1.50 MMBTU/HR Glycol Reboiler (hot oil heated)</b>				
<b>1 - 14 BBL Glycol Condensation Tank VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



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71.5N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
71.5N1 Cond 4	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.5N1 Cond 5	In Compliance	Continuous	Documentation of glycol unit records	
71.5N1 Cond 6	In Compliance	Continuous	Documentation of equipment configuration /leak inspections and Annual Certification by Responsible Official	
<b>Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-101) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	



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74.9N4 Cond 3	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 4	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N4 Cond 5	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N4 Cond 6	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
<b>Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-102) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 3	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 4	In Compliance	Continuous	Documentation of quarterly engine screening analysis	



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74.9N4 Cond 5	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N4 Cond 6	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
<b>Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-103) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 3	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 4	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N4 Cond 5	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N4 Cond 6	In Compliance	Continuous	Documentation of I.C. engine inspection logs	



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74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
<b>Equipment: Glycol Dehydrator System ( 16.1 MMSCFD/Triethylene Glycol)</b> <b>1 - Glycol Dehydrator Vent VR</b> <b>1 - 0.865 MMBTU/HR NG Glycol Reboiler UNC</b> <b>1 - 11 BBL Glycol Condensation Tank VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
71.5N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	





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71.5N1 Cond 4	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.5N1 Cond 5	In Compliance	Continuous	Documentation of glycol unit records		
71.5N1 Cond 6	In Compliance	Continuous	Documentation of equipment configuration /leak inspections and Annual Certification by Responsible Official		
<b>Equipment: 2000 BBL PWT Emergency V75 Tank for AWT#3 (T-V75B) VR Revised on 6/4/2008</b>					
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration		
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications		
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities		
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official		
<b>Equipment: 1 - 3000 BBL Hartman Filtered Water Tank (TWPM-T006) VR Revised on 6/4/2008</b>					



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71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Produced gas was not controlled when the Hartman filtered water tank vented to the atmosphere due to a failed pressure transmitter. Breakdown relief requested and granted.  Event Date: 10/05/2011
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 830 BBL Filter Agent Silo with Baghouse Control System (TWPM-T010) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
TP0041 Cond 9	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 856 - Oil Wells Revised on 10/1/2009</b>				
0041PC1 Cond 4	In Compliance	Continuous	Documentation of equipment configuration	
PE0041 Cond 9	In Compliance	Continuous	Documentation of emissions	
<b>Equipment: 73 - 500 BBL Portable Tanks Revised on 6/4/2008</b>				



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71.1N6 Cond 1	In Compliance	Continuous	Work Practices - Portable Tanks	
71.1N6 Cond 2	In Compliance	Intermittent	Work Practices - Portable Tanks	The District identified a portable tank at the Hartman Waterflood facility on 6/9/11 that was not on vapor recovery but located less than 150 feet from a tank farm. NOV# 22577 issued. Event Date: 07/27/2010
71.1N6 Cond 2	In Compliance	Intermittent	Work Practices - Portable Tanks	Produced gas was not controlled when a vapor recovery line separated on a portable tank at Hartman Waterflood. Breakdown relief requested and granted. Event Date: 02/23/2012
71.1N6 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N6 Cond 4	In Compliance	Continuous	Documentation of tank inspections and Annual Certification by Responsible Official	
71.1N6 Cond 5	In Compliance	Continuous	Documentation of portable tank records	
<b>Equipment: Portable Open Top Mixing Bin, 242.25 sqft (8.25 ft. x 28.5 ft.) Revised on 6/4/2008</b>				
0041PC5 Cond 1	In Compliance	Continuous	Documentation of operating logs	
0041PC5 Cond 2	In Compliance	Continuous	Documentation of operating logs	
TP0041 Cond 17	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: Tank Truck LPG Loading Facility w/Closed Vapor Recovery System. Revised on 10/1/2009</b>				



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0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC11 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC11 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
TP0041 Cond 10	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 1 - 630 BHP Detroit Diesel Emergency Standby Engine, Serial NO. L16349 Revised on 6/4/2008</b>				
74.9N7 Cond 1	In Compliance	Continuous	Documentation of engine run-time records	
74.9N7 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
74.9N7 Cond 3	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N7 Cond 4	In Compliance	Continuous	Annual report requirements	
<b>Equipment: 1 - 630 BHP Detroit Diesel Emergency Standby Engine, Serial NO. L16330 Revised on 6/4/2008</b>				
74.9N7 Cond 1	In Compliance	Continuous	Documentation of engine run-time records	
74.9N7 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
74.9N7 Cond 3	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N7 Cond 4	In Compliance	Continuous	Annual report requirements	
<b>Equipment: 1 - 8000 BBL COST Stock tank (VORD - TO26A) VR Revised on 10/1/2009</b>				



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0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond 11	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 8000 bbl LACT Tank (VORD-T026A) VR Revised on 4/7/2011</b>				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Produced gas was not controlled when a communication failure with the PLC caused the vapor recovery vacuum valve to fail closed on the Taylor LACT tank. Breakdown relief requested and granted.  Event Date: 01/11/2012
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



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71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1- 14.33 MMBTU/hr NG BYSIS Manufacturing Oil Heater No. 601A Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC3 Cond 1	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 3	In Compliance	Continuous	Documentation of source test reports	
0041PC3 Cond 4	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 7	In Compliance	Continuous	Reference Condition	
0041PC9 Cond 1	In Compliance	Continuous	Documentation of electrical power source	
0041PC9 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	





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74.15N1 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.15N1 Cond 2	In Compliance	Continuous	Documentation of source test reports	
74.15N1 Cond 3	In Compliance	Continuous	Documentation of alternate fuel use	
74.15N1 Cond 4	In Compliance	Continuous	Documentation of startup procedure	
74.15N1 Cond 5	In Compliance	Continuous	Documentation of alternate fuel use and source test report upon District request	
74.15N1 Cond 6	In Compliance	Continuous	Documentation of FGR monitoring and recordkeeping requirements	
TP0041 Cond 12	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - 42.75 sqft (9.5' x 4.5') Covered Trough (Sump) Revised on 6/4/2008</b>				
0041PC14 Cond 1	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
0041PC14 Cond 3	In Compliance	Continuous	Work Practices - Tank Inspection	
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 5	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 7	In Compliance	Continuous	Documentation of throughput records	



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0041PC14 Cond 8	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
71.4N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration and WP - Pits, Ponds, and Well Cellars	
71.4N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.4N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.4N1 Cond 4	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 2- 500 BBL Waste Fluids/Solids Storage Tanks, VR Revised on 6/4/2008</b>				
0041PC14 Cond 1	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
0041PC14 Cond 3	In Compliance	Continuous	Work Practices - Tank Inspection	
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 5	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 7	In Compliance	Continuous	Documentation of throughput records	



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0041PC14 Cond 8	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond 9	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 1- M-1 SWACO Centrifuge, Model 1850, 18" x 50" bowl size, (or similar unit) Revised on 6/4/2008</b>				
0041PC14 Cond 1	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
0041PC14 Cond 3	In Compliance	Continuous	Work Practices - Tank Inspection	
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 5	In Compliance	Continuous	Work Practices - Solids Processing System	



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0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 7	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 8	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
<b>Equipment: 1 -3000 BBL PWT Spare Source Water Tank (TWCF-260B) VR Revised on 3/24/2010</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 -3000 BBL PWT Source Water Tank (TWCF-260A) VR Revised on 3/24/2010</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



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71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 -3000 BBL PWT Hartman A Tank (TWPM-210A) VR Revised on 10/1/2009</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 -3000 BBL PWT Hartman B Tank (TWPM-210B) VR Revised on 10/1/2009</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 3000 BBL LACT Tank (T-400A) VR Revised on 10/1/2009</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 3000 BBL LACT Tank (T-420A) VR Revised on 10/1/2009</b>				





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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 3000 BBL PWT (T-410A) VR Revised on 10/1/2009</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



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<b>Equipment: 1 - 3000 BBL PWT (T-430A) VR Revised on 10/1/2009</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 5000 bbl FWKO/Wash Tank (TOLD-T330A) VR Revised on 6/15/2011</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 5000 bbl C-Block LACT Tank (TOLD-T310A) VR Revised on 6/15/2011</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 5000 bbl D-Block LACT Tank (TOLD-T320A) VR Revised on 6/15/2011</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



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71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 5000 bbl PWT Pre-Wemco Tank (TWCF-T280A) VR Revised on 6/15/2011</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 5000 bbl PWT Spare Pre-Wemco Tank (TWCF-T280B) VR Revised on 6/15/2011</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



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71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1- 5000 BBL PWT Blended Water Tank (VWCP-T500) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1- 4000 BBL PWT Pre-Wemco Tank (VWCP-T400) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1- 3000 BBL PWT Brine Tank (VWCP-T300) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1- 2000 BBL PWT Wemco Skim Tank (VWCP-T200) VR Revised on 6/4/2008</b>				





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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1- 1000 BBL PWT Overflow Tank (VWCP-T100) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



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<b>Equipment: 1 - 894 BBL PWT Cone Bottom 5-Cell Tank (VWCP-T401) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 1000 BBL Solids Tank, COST (VWSI-T403) VR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



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71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 435 BBL PWT Wemco #1 (VWCP-W410) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 435 BBL PWT Wemco #2 (VWCP-W420) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



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71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 20,000 BBL PWT Main (VOTD-T205) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 625 BHP Rich Burn White NG Engine, Model G8258 (WF1-1) NSCR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	



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0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N3 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N3 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N3 Cond 3	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N3 Cond 4	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N3 Cond 5	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N3 Cond 6	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N3 Cond 7	In Compliance	Continuous	Documentation of Compliance Assurance Monitoring (CAM) test records and implementation of IC Engine Operator Inspection Plan	
<b>Equipment: 1 - 625 BHP Rich Burn White NG Engine, Model G8258 (WF1-2) NSCR. Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.9N3 Cond 1	In Compliance	Continuous	Documentation of source test reports	



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74.9N3 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N3 Cond 3	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N3 Cond 4	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N3 Cond 5	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N3 Cond 6	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N3 Cond 7	In Compliance	Continuous	Documentation of Compliance Assurance Monitoring (CAM) test records and implementation of IC Engine Operator Inspection Plan	
<b>Equipment: 1 - 300 sq ft Pit (V127) Exempt &lt; 5 mg/l Revised on 6/4/2008</b>				
71.4N3 Cond 1	In Compliance	Continuous	Documentation of ROC analysis	
71.4N3 Cond 2	In Compliance	Continuous	Work Practices - Pits, Ponds, and Well Cellars	
71.4N3 Cond 3	In Compliance	Continuous	Documentation of ROC analysis and Annual Certification by Responsible Official	
<b>Equipment: 1 - 15,000 BBL COST (VOID-T201) VR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	





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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 10,500 bbl LACT Tank (VOTD-T201) VR Revised on 4/7/2011</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



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<b>Equipment: 1 - 2,000 BBL Raw Water Tank (VWP4-T101) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 3,000 BBL Filtered Water Tank (VWP4-T102) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
<b>Equipment: 1 - 7,000 CF (48' x 21.5' O.D.) Filter Agent Silo w/DCE Siloair Dust Filter Model VS15KS3 (VWP4-S001) Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC12 Cond 1	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC12 Cond 2	In Compliance	Continuous	Documentation of maintenance records and Annual Certification by Responsible Official	
TP0041 Cond 17	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 1-292 MMBTU/Hr Kaldair Low Pressure Flare Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC2 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 2	In Compliance	Continuous	Documentation of flare operating logs	
0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	



# Ventura County Air Pollution Control District

Company Name: <b>Aera Energy LLC</b>		Permit: 0041		
Certification Period: <b>04/01/2011</b> through <b>03/31/2012</b>		Page 59 of 61		
COLUMN 1 Citation	COLUMN 2 Compliance Status <small>(As indicated by most recent monitoring measurement or observation)</small>	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information <small>(excursions, exceedances, or additional data that indicated non compliance during the certification period)</small>
TP0041 Cond 18	In Compliance	Continuous	Documentation of throughput records	
<b>Equipment: 1 - 748 BHP Rich Bum Waukesha NG Engine Model L5790GU (CP2-1) NSCR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC4 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC4 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
74.9N3 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N3 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N3 Cond 3	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N3 Cond 4	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N3 Cond 5	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N3 Cond 6	In Compliance	Continuous	Documentation of Annual Certification submittals	



# Ventura County Air Pollution Control District

Company Name: <b>Aera Energy LLC</b>		Permit: 0041		
Certification Period: <b>04/01/2011</b> through <b>03/31/2012</b>		Page 60 of 61		
<b>COLUMN 1</b> Citation	<b>COLUMN 2</b> Compliance Status <small>(As indicated by most recent monitoring measurement or observation)</small>	<b>COLUMN 3</b> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<b>COLUMN 4</b> Method for determining Compliance Status.	<b>COLUMN 5</b> Additional Information <small>(excursions, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.9N3 Cond 7	In Compliance	Continuous	Documentation of Compliance Assurance Monitoring (CAM) test records and implementation of IC Engine Operator Inspection Plan	
TP0041 Cond 19	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L5790GU (CP2-2) NSCR Revised on 10/1/2009</b>				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC4 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC4 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
74.9N3 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N3 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N3 Cond 3	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N3 Cond 4	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N3 Cond 5	In Compliance	Continuous	Documentation of I.C. engine inspection logs	



# Ventura County Air Pollution Control District

Company Name: <b>Aera Energy LLC</b>		Permit: 0041		
Certification Period: <b>04/01/2011</b> through <b>03/31/2012</b>		Page 61 of 61		
COLUMN 1 Citation	COLUMN 2 Compliance Status <small>(As indicated by most recent monitoring measurement or observation)</small>	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information <small>(excursions, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.9N3 Cond 6	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N3 Cond 7	In Compliance	Continuous	Documentation of Compliance Assurance Monitoring (CAM) test records and implementation of IC Engine Operator Inspection Plan	
TP0041 Cond 20	In Compliance	Continuous	Documentation of fuel consumption records	
<b>Equipment: 1 - 20,000 BBL Spare Tank (VOTD-T206) VR Revised on 6/4/2008</b>				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A gas leak on tank (VOTD-T206) resulted in emissions of produced gas not being directed to a fuel or sales gas system or a flare. Breakdown relief requested and granted.  Event Date: 03/26/2012
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



Aera Energy LLC

## Ventura Unit

Permit 00041

Annual report

April 1, 2011 – March 31, 2012

### **Additional information:**

#### 40 CFR Part 61.145 Compliance

Aera has complied with applicable inspection, notification, removal, and disposal procedures for ACM as specified in "Standards for Demolition and Renovation." Copies of required documentation are available upon request.

#### Concrete Bowl Records

The concrete bowl has not been used during the certification period.

#### Biennial Source Test Results

Source tests were completed for the following combustion equipment and delivered to the District:

- Compressor Plant #2, Engine No. CP 2-2, May 17, 2011
- Compressor Plant #2, Engine No. CP 2-1, May 18, 2011
- Central Compressor Site, Engine No. C-102, May 18, 2011
- Central Compressor Site, Engine No. C-103, May 18, 2011
- Central Compressor Site, Engine No. C-101, June 30, 2011
- Gas Plant #7, Wheco Heater No. 602, February 16, 2012

#### Rule 64.B.1 Compliance

The fuel test was performed by Aera personnel on 3/21/12 and the results were 0 ppm for H<sub>2</sub>S. The method used for this test is ASTM D 4810-88.

#### Rule 71.4 Compliance

There was no change in the operation of Pit V-127 during the certification period. Sampling of the fluid in the pit was performed on 12/8/11 (see attached laboratory results). The pit is exempt from this rule as the ROC content of the liquid is less than 5 mg/l.

#### Rule 74.2 Compliance

All coatings used at this facility have been reviewed for the VOC content and are in compliance with current regulation.

#### Rule 74.6 Compliance

All solvents used at this facility have been reviewed for the ROC content and contain less than 25 grams/liter.

PC13 Compliance

The following equipment was designated "Out of Service" during the certification period:

- 1 – Crude Oil Loading Facility BL VR
- 1 – 1000 BBL PWT Clean Water Tank (TWCF-T500) VR
- 1 – 1600 BBL PWT Flotation Cell Tank (TWCF-T200) VR
- 1 – 630 BHP Detroit Diesel Emergency Standby Engine, Model 71237305, Serial No. L16330, EPA Family Name: DDL2VA081299, I.D. No. VCSECSCPGNCSGEN101

## Internal Combustion Engine Emissions Test Results

Analyzer Type: Enerac or Testo

Year: 2011-2012

						Runtime Hours			Corrective Actions
						Quarter 2, 2011			
Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Apr	May	Jun	
C-101*	6/27/2011	11.52	NOx	30 ppm	DES	0	0	169	
			CO	332 ppm					
C-102*	5/18/2011	15	NOx	29.7 ppm	Aeros	715	727	592	
			CO	300 ppm					
C-103*	5/18/2011	15	NOx	30.4 ppm	Aeros	715	680	611	
			CO	517 ppm					
C-201*	4/5/2011	11.20	NOx	26 ppm	DES	486	696	528	
			CO	134 ppm					
C-202*	4/5/2011	11.10	NOx	22 ppm	DES	235	36	172	
			CO	187 ppm					
CP 2-1**	5/18/2011	15	NOx	0 ppm	Aeros	468	192	197	
			CO	2 ppm					
CP 2-2**	5/17/2011	15	NOx	9.7 ppm	Aeros	251	549	480	
			CO	975 ppm					
WF1-1**	4/26/2011	0.1	NOx	5 ppm	DES	205	441	359	
			CO	637 ppm					
WF1-2**	4/26/2011	0.11	NOx	7 ppm	DES	204	441	359	
			CO	1568 ppm					

						Runtime Hours			Corrective Actions
						Quarter 3, 2011			
Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Jul	Aug	Sep	
C-101*	8/17/2011	11.70	NOx	23 ppm	DES	587	704	621	
			CO	463 ppm					
C-102*	8/17/2011	10.80	NOx	23 ppm	DES	492	581	406	
			CO	419 ppm					
C-103*	8/17/2011	11.40	NOx	23 ppm	DES	287	186	397	
			CO	570 ppm					
C-201*	8/4/2011	10.45	NOx	30 ppm	DES	437	361	456	
			CO	291 ppm					
C-202*	8/4/2011	10.41	NOx	31 ppm	DES	304	378	261	
			CO	280 ppm					
CP 2-1**	7/21/2011	1.30	NOx	1 ppm	DES	384	327	717	
			CO	147 ppm					
CP 2-2**	7/21/2011	0.10	NOx	7 ppm	DES	353	413	0	
			CO	1514 ppm					
WF1-1**	9/28/2011	0.06	NOx	6 ppm	DES	658	0	64	
			CO	2574 ppm					
WF1-2**	9/28/2011	0.15	NOx	9 ppm	DES	657	0	63	
			CO	848 ppm					

\* Lean Burn NO<sub>x</sub> limit = 45 PPM

\*\* Rich Burn NO<sub>x</sub> limit = 25 PPM

All Engines CO limit = 4500 PPM

## Internal Combustion Engine Emissions Test Results

Analyzer Type: Enerac or Testo

Year: 2011-2012

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 4, 2011			
						Oct	Nov	Dec	
C-101*	10/18/2011	13.75	NOx	25 ppm	DES	676	439	500	
			CO	311 ppm					
C-102*	10/18/2011	10.49	NOx	26 ppm	DES	449	315	165	
			CO	287 ppm					
C-103*	10/18/2011	10.93	NOx	30 ppm	DES	350	423	79	
			CO	305 ppm					
C-201*	10/13/2011	10.40	NOx	43 ppm	DES	335	369	224	
			CO	266 ppm					
C-202*	10/13/2011	10.35	NOx	43 ppm	DES	410	334	519	
			CO	256 ppm					
CP 2-1**	12/20/2011	0.13	NOx	4 ppm	DES	732	721	658	
			CO	8 ppm					
CP 2-2**	12/20/2011	0.04	NOx	2 ppm	DES	0	0	94	
			CO	6 ppm					
WF1-1**	10/4/2011	0.03	NOx	7 ppm	DES	744	532	153	
			CO	2448 ppm					
WF1-2**	10/4/2011	0.23	NOx	6 ppm	DES	744	529	154	
			CO	803 ppm					

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 1, 2012			
						Jan	Feb	Mar	
C-101*	2/20/2012	17.2	NOx	39 ppm	DES	566	354	26	
			CO	218 ppm					
C-102*	2/20/2012	10.27	NOx	40 ppm	DES	133	164	166	
			CO	215 ppm					
C-103*	2/20/2012	11.44	NOx	39 ppm	DES	31	160	556	
			CO	208 ppm					
C-201*	1/19/2012	10.35	NOx	34 ppm	DES	444	359	244	
			CO	255 ppm					
C-202*	1/19/2012	10.43	NOx	34 ppm	DES	301	337	491	
			CO	243 ppm					
CP 2-1**	2/3/2012	0.04	NOx	6 ppm	DES	0	338	0	
			CO	2 ppm					
CP 2-2**	2/3/2012	0.16	NOx	1 ppm	DES	744	357	739	
			CO	30 ppm					
WF1-1**	2/3/2012	0.08	NOx	8 ppm	DES	155	696	742	
			CO	2574 ppm					
WF1-2**	2/3/2012	0.05	NOx	11 ppm	DES	154	695	742	
			CO	47 ppm					

\* Lean Burn NO<sub>x</sub> limit = 45 PPM

\*\* Rich Burn NO<sub>x</sub> limit = 25 PPM

All Engines CO limit = 4500 PPM

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Apr-11	8.2	Auto			
02-Apr-11	7.3	Auto			
03-Apr-11	7.9	Auto			
04-Apr-11	8.2	Auto			
05-Apr-11					
06-Apr-11					
07-Apr-11					
08-Apr-11					
09-Apr-11					
10-Apr-11	9.4	Auto			
11-Apr-11	9.3	Auto			
12-Apr-11	9.1	Auto			
13-Apr-11	8.5	Auto			
14-Apr-11	9.3	Auto			
15-Apr-11	9.9	Auto			
16-Apr-11	9.9	Auto			
17-Apr-11					
18-Apr-11					
19-Apr-11					
20-Apr-11					
21-Apr-11					
22-Apr-11					
23-Apr-11					
24-Apr-11					
25-Apr-11					
26-Apr-11					
27-Apr-11					
28-Apr-11					
29-Apr-11					
30-Apr-11					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Apr-11					
02-Apr-11					
03-Apr-11					
04-Apr-11					
05-Apr-11	11.0	Auto			
06-Apr-11	8.7	Auto			
07-Apr-11	9.0	Auto			
08-Apr-11	9.0	Auto			
09-Apr-11	10.2	Auto			
10-Apr-11					
11-Apr-11					
12-Apr-11					
13-Apr-11					
14-Apr-11					
15-Apr-11					
16-Apr-11					
17-Apr-11	7.6	Auto			
18-Apr-11	7.4	Auto			
19-Apr-11	10.2	Auto			
20-Apr-11	11.0	Auto			
21-Apr-11	13.7	Auto			
22-Apr-11	14.6	Auto			
23-Apr-11	14.5	Auto			
24-Apr-11	14.9	Auto			
25-Apr-11	15.3	Auto			
26-Apr-11	16.5	Auto			
27-Apr-11	16.8	Auto			
28-Apr-11	17.9	Auto			
29-Apr-11	17.5	Auto			
30-Apr-11	18.1	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-May-11	18.0	Auto			
02-May-11	17.6	Auto			
03-May-11					
04-May-11					
05-May-11					
06-May-11					
07-May-11					
08-May-11					
09-May-11					
10-May-11					
11-May-11					
12-May-11					
13-May-11					
14-May-11					
15-May-11					
16-May-11					
17-May-11					
18-May-11	0.4	Auto			
19-May-11	0.5	Auto			
20-May-11	0.4	Auto			
21-May-11					
22-May-11					
23-May-11					
24-May-11	0.4	Auto			
25-May-11	0.5	Auto			
26-May-11	0.5	Auto			
27-May-11					
28-May-11					
29-May-11					
30-May-11					
31-May-11					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-May-11					
02-May-11					
03-May-11	10.5	Auto			
04-May-11	11.2	Auto			
05-May-11	10.9	Auto			
06-May-11	10.6	Auto			
07-May-11	11.0	Auto			
08-May-11	11.0	Auto			
09-May-11	11.3	Auto			
10-May-11	11.5	Auto			
11-May-11	11.1	Auto			
12-May-11	10.9	Auto			
13-May-11	10.7	Auto			
14-May-11	11.0	Auto			
15-May-11	11.3	Auto			
16-May-11	10.8	Auto			
17-May-11	10.4	Auto			
18-May-11					
19-May-11					
20-May-11					
21-May-11	11.1	Auto			
22-May-11	11.6	Auto			
23-May-11	10.7	Auto			
24-May-11					
25-May-11					
26-May-11					
27-May-11	11.3	Auto			
28-May-11	11.6	Auto			
29-May-11	11.2	Auto			
30-May-11	11.3	Auto			
31-May-11	10.6	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2



## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jun-11					
02-Jun-11					
03-Jun-11					
04-Jun-11					
05-Jun-11					
06-Jun-11					
07-Jun-11					
08-Jun-11					
09-Jun-11					
10-Jun-11					
11-Jun-11					
12-Jun-11					
13-Jun-11					
14-Jun-11					
15-Jun-11					
16-Jun-11					
17-Jun-11					
18-Jun-11					
19-Jun-11					
20-Jun-11					
21-Jun-11					
22-Jun-11					
23-Jun-11	0.7	Auto			
24-Jun-11	0.7	Auto			
25-Jun-11	0.7	Auto			
26-Jun-11	0.7	Auto			
27-Jun-11	0.7	Auto			
28-Jun-11	0.7	Auto			
29-Jun-11	0.7	Auto			
30-Jun-11	0.8	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jun-11	10.4	Auto			
02-Jun-11	9.3	Auto			
03-Jun-11	9.4	Auto			
04-Jun-11	8.7	Auto			
05-Jun-11	8.5	Auto			
06-Jun-11	8.4	Auto			
07-Jun-11	8.3	Auto			
08-Jun-11	6.9	Auto			
09-Jun-11	7.1	Auto			
10-Jun-11	7.5	Auto			
11-Jun-11	7.6	Auto			
12-Jun-11	7.7	Auto			
13-Jun-11	7.6	Auto			
14-Jun-11	6.9	Auto			
15-Jun-11	8.3	Auto			
16-Jun-11	9.6	Auto			
17-Jun-11	11.0	Auto			
18-Jun-11	10.8	Auto			
19-Jun-11	10.6	Auto			
20-Jun-11	10.8	Auto			
21-Jun-11	10.2	Auto			
22-Jun-11	10.7	Auto			
23-Jun-11					
24-Jun-11					
25-Jun-11					
26-Jun-11					
27-Jun-11					
28-Jun-11					
29-Jun-11					
30-Jun-11					

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jul-11	0.6	Auto			
02-Jul-11	0.3	Auto			
03-Jul-11	0.6	Auto			
04-Jul-11	0.5	Auto			
05-Jul-11	0.2	Auto			
06-Jul-11	0.2	Auto			
07-Jul-11	0.2	Auto			
08-Jul-11					
09-Jul-11					
10-Jul-11					
11-Jul-11					
12-Jul-11					
13-Jul-11					
14-Jul-11					
15-Jul-11					
16-Jul-11	0.8	Auto			
17-Jul-11	0.7	Auto			
18-Jul-11	0.7	Auto			
19-Jul-11	0.6	Auto			
20-Jul-11					
21-Jul-11	0.7	Auto			
22-Jul-11	0.8	Auto			
23-Jul-11	0.7	Auto			
24-Jul-11	0.8	Auto			
25-Jul-11	0.7	Auto			
26-Jul-11	0.6	Auto			
27-Jul-11					
28-Jul-11					
29-Jul-11					
30-Jul-11					
31-Jul-11					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jul-11					
02-Jul-11					
03-Jul-11					
04-Jul-11					
05-Jul-11					
06-Jul-11					
07-Jul-11					
08-Jul-11	8.8	Auto			
09-Jul-11	9.1	Auto			
10-Jul-11	9.7	Auto			
11-Jul-11	9.3	Auto			
12-Jul-11	9.1	Auto			
13-Jul-11	9.5	Auto			
14-Jul-11	9.3	Auto			
15-Jul-11	9.3	Auto			
16-Jul-11					
17-Jul-11					
18-Jul-11					
19-Jul-11					
20-Jul-11	9.6	Auto			
21-Jul-11					
22-Jul-11					
23-Jul-11					
24-Jul-11					
25-Jul-11					
26-Jul-11					
27-Jul-11	9.4	Auto			
28-Jul-11	9.0	Auto			
29-Jul-11	9.7	Auto			
30-Jul-11	9.6	Auto			
31-Jul-11	9.2	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Aug-11					
02-Aug-11					
03-Aug-11					
04-Aug-11					
05-Aug-11					
06-Aug-11					
07-Aug-11					
08-Aug-11					
09-Aug-11					
10-Aug-11	0.7	Auto			
11-Aug-11	0.7	Auto			
12-Aug-11	0.7	Auto			
13-Aug-11	0.8	Auto			
14-Aug-11	0.7	Auto			
15-Aug-11	0.6	Auto			
16-Aug-11	0.7	Auto			
17-Aug-11	0.8	Auto			
18-Aug-11					
19-Aug-11					
20-Aug-11					
21-Aug-11					
22-Aug-11					
23-Aug-11					
24-Aug-11					
25-Aug-11					
26-Aug-11					
27-Aug-11	0.4	Auto			
28-Aug-11	0.7	Auto			
29-Aug-11	0.7	Auto			
30-Aug-11	0.8	Auto			
31-Aug-11	0.9	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Aug-11	8.9	Auto			
02-Aug-11	9.4	Auto			
03-Aug-11	9.3	Auto			
04-Aug-11	9.6	Auto			
05-Aug-11	9.5	Auto			
06-Aug-11	9.2	Auto			
07-Aug-11	9.4	Auto			
08-Aug-11	9.1	Auto			
09-Aug-11	9.5	Auto			
10-Aug-11					
11-Aug-11					
12-Aug-11					
13-Aug-11					
14-Aug-11					
15-Aug-11					
16-Aug-11					
17-Aug-11					
18-Aug-11	9.6	Auto			
19-Aug-11	9.6	Auto			
20-Aug-11	9.8	Auto			
21-Aug-11	9.9	Auto			
22-Aug-11	9.9	Auto			
23-Aug-11	10.1	Auto			
24-Aug-11	10.1	Auto			
25-Aug-11	10.1	Auto			
26-Aug-11	10.6	Auto			
27-Aug-11					
28-Aug-11					
29-Aug-11					
30-Aug-11					
31-Aug-11					

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Sep-11	0.8	Auto			
02-Sep-11	0.9	Auto			
03-Sep-11	1.3	Auto			
04-Sep-11	1.3	Auto			
05-Sep-11	1.5	Auto			
06-Sep-11	1.4	Auto			
07-Sep-11	1.5	Auto			
08-Sep-11	1.6	Auto			
09-Sep-11	1.3	Auto			
10-Sep-11	1.4	Auto			
11-Sep-11	1.2	Auto			
12-Sep-11	1.6	Auto			
13-Sep-11	1.3	Auto			
14-Sep-11	1.5	Auto			
15-Sep-11	1.6	Auto			
16-Sep-11	1.3	Auto			
17-Sep-11	1.3	Auto			
18-Sep-11	1.6	Auto			
19-Sep-11	0.9	Auto			
20-Sep-11	1.5	Auto			
21-Sep-11	1.4	Auto			
22-Sep-11	1.3	Auto			
23-Sep-11	1.5	Auto			
24-Sep-11	1.2	Auto			
25-Sep-11	1.7	Auto			
26-Sep-11	1.7	Auto			
27-Sep-11	1.3	Auto			
28-Sep-11	1.0	Auto			
29-Sep-11	1.4	Auto			
30-Sep-11	1.6	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Sep-11					
02-Sep-11					
03-Sep-11					
04-Sep-11					
05-Sep-11					
06-Sep-11					
07-Sep-11					
08-Sep-11					
09-Sep-11					
10-Sep-11					
11-Sep-11					
12-Sep-11					
13-Sep-11					
14-Sep-11					
15-Sep-11					
16-Sep-11					
17-Sep-11					
18-Sep-11					
19-Sep-11					
20-Sep-11					
21-Sep-11					
22-Sep-11					
23-Sep-11					
24-Sep-11					
25-Sep-11					
26-Sep-11					
27-Sep-11					
28-Sep-11					
29-Sep-11					
30-Sep-11					

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Oct-11	1.8	Auto			
02-Oct-11	1.4	Auto			
03-Oct-11	3.3	Auto			
04-Oct-11	2.0	Auto			
05-Oct-11	2.2	Auto			
06-Oct-11	1.6	Auto			
07-Oct-11	2.5	Auto			
08-Oct-11	2.9	Auto			
09-Oct-11	2.5	Auto			
10-Oct-11	3.0	Auto			
11-Oct-11	3.7	Auto			
12-Oct-11	3.1	Auto			
13-Oct-11	2.2	Auto			
14-Oct-11	3.1	Auto			
15-Oct-11	2.9	Auto			
16-Oct-11	3.0	Auto			
17-Oct-11	2.9	Auto			
18-Oct-11	2.6	Auto			
19-Oct-11	2.6	Auto			
20-Oct-11	2.6	Auto			
21-Oct-11	2.5	Auto			
22-Oct-11	2.3	Auto			
23-Oct-11	2.1	Auto			
24-Oct-11	2.1	Auto			
25-Oct-11	2.2	Auto			
26-Oct-11	2.3	Auto			
27-Oct-11	2.5	Auto			
28-Oct-11	2.3	Auto			
29-Oct-11	2.5	Auto			
30-Oct-11	3.3	Auto			
31-Oct-11	3.5	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Oct-11					
02-Oct-11					
03-Oct-11					
04-Oct-11					
05-Oct-11					
06-Oct-11					
07-Oct-11					
08-Oct-11					
09-Oct-11					
10-Oct-11					
11-Oct-11					
12-Oct-11					
13-Oct-11					
14-Oct-11					
15-Oct-11					
16-Oct-11					
17-Oct-11					
18-Oct-11					
19-Oct-11					
20-Oct-11					
21-Oct-11					
22-Oct-11					
23-Oct-11					
24-Oct-11					
25-Oct-11					
26-Oct-11					
27-Oct-11					
28-Oct-11					
29-Oct-11					
30-Oct-11					
31-Oct-11					

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Nov-11	3.0	Auto			
02-Nov-11	2.5	Auto			
03-Nov-11	2.1	Auto			
04-Nov-11	2.6	Auto			
05-Nov-11	2.6	Auto			
06-Nov-11	2.9	Auto			
07-Nov-11	3.1	Auto			
08-Nov-11	2.3	Auto			
09-Nov-11	2.8	Auto			
10-Nov-11	3.7	Auto			
11-Nov-11	2.9	Auto			
12-Nov-11	2.5	Auto			
13-Nov-11	3.2	Auto			
14-Nov-11	3.5	Auto			
15-Nov-11	3.1	Auto			
16-Nov-11	2.5	Auto			
17-Nov-11	3.1	Auto			
18-Nov-11	3.0	Auto			
19-Nov-11	3.1	Auto			
20-Nov-11	3.0	Auto			
21-Nov-11	3.0	Auto			
22-Nov-11	3.1	Auto			
23-Nov-11	3.9	Auto			
24-Nov-11	3.5	Auto			
25-Nov-11	3.8	Auto			
26-Nov-11	3.6	Auto			
27-Nov-11	2.5	Auto			
28-Nov-11	3.6	Auto			
29-Nov-11	4.8	Auto			
30-Nov-11	4.3	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Nov-11					
02-Nov-11					
03-Nov-11					
04-Nov-11					
05-Nov-11					
06-Nov-11					
07-Nov-11					
08-Nov-11					
09-Nov-11					
10-Nov-11					
11-Nov-11					
12-Nov-11					
13-Nov-11					
14-Nov-11					
15-Nov-11					
16-Nov-11					
17-Nov-11					
18-Nov-11					
19-Nov-11					
20-Nov-11					
21-Nov-11					
22-Nov-11					
23-Nov-11					
24-Nov-11					
25-Nov-11					
26-Nov-11					
27-Nov-11					
28-Nov-11					
29-Nov-11					
30-Nov-11					

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2



## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Dec-11	4.3	Auto			
02-Dec-11	3.6	Auto			
03-Dec-11	3.7	Auto			
04-Dec-11	3.0	Auto			
05-Dec-11	3.1	Auto			
06-Dec-11	2.7	Auto			
07-Dec-11	2.3	Auto			
08-Dec-11	2.7	Auto			
09-Dec-11	3.2	Auto			
10-Dec-11	4.2	Auto			
11-Dec-11	3.8	Auto			
12-Dec-11	3.1	Auto			
13-Dec-11	3.2	Auto			
14-Dec-11	3.1	Auto			
15-Dec-11	3.3	Auto			
16-Dec-11	3.1	Auto			
17-Dec-11	2.3	Auto			
18-Dec-11	2.3	Auto			
19-Dec-11	2.5	Auto			
20-Dec-11	3.0	Auto			
21-Dec-11	2.8	Auto			
22-Dec-11	2.8	Auto			
23-Dec-11	3.4	Auto			
24-Dec-11	3.7	Auto			
25-Dec-11	3.7	Auto			
26-Dec-11	3.9	Auto			
27-Dec-11	4.1	Auto			
28-Dec-11	3.5	Auto			
29-Dec-11					
30-Dec-11					
31-Dec-11					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Dec-11					
02-Dec-11					
03-Dec-11					
04-Dec-11					
05-Dec-11					
06-Dec-11					
07-Dec-11					
08-Dec-11					
09-Dec-11					
10-Dec-11					
11-Dec-11					
12-Dec-11					
13-Dec-11					
14-Dec-11					
15-Dec-11					
16-Dec-11					
17-Dec-11					
18-Dec-11					
19-Dec-11					
20-Dec-11					
21-Dec-11					
22-Dec-11					
23-Dec-11					
24-Dec-11					
25-Dec-11					
26-Dec-11					
27-Dec-11					
28-Dec-11					
29-Dec-11	0.7	Auto			
30-Dec-11	0.1	Auto			
31-Dec-11	0.1	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jan-12					
02-Jan-12					
03-Jan-12					
04-Jan-12					
05-Jan-12					
06-Jan-12					
07-Jan-12					
08-Jan-12					
09-Jan-12					
10-Jan-12					
11-Jan-12					
12-Jan-12					
13-Jan-12					
14-Jan-12					
15-Jan-12					
16-Jan-12					
17-Jan-12					
18-Jan-12					
19-Jan-12					
20-Jan-12					
21-Jan-12					
22-Jan-12					
23-Jan-12					
24-Jan-12					
25-Jan-12					
26-Jan-12					
27-Jan-12					
28-Jan-12					
29-Jan-12					
30-Jan-12					
31-Jan-12					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jan-12	0.1	Auto			
02-Jan-12	0.1	Auto			
03-Jan-12	0.2	Auto			
04-Jan-12	7.5	Auto			
05-Jan-12	10.8	Auto			
06-Jan-12	2.4	Auto			
07-Jan-12	11.7	Auto			
08-Jan-12	9.0	Auto			
09-Jan-12	20.6	Auto			
10-Jan-12	16.8	Auto			
11-Jan-12	16.4	Auto			
12-Jan-12	4.8	Auto			
13-Jan-12	11.4	Auto			
14-Jan-12	12.0	Auto			
15-Jan-12	11.3	Auto			
16-Jan-12	8.7	Auto			
17-Jan-12	13.5	Auto			
18-Jan-12	1.2	Auto			
19-Jan-12	0.5	Auto			
20-Jan-12	0.6	Auto			
21-Jan-12	2.2	Auto			
22-Jan-12	0.7	Auto			
23-Jan-12	0.8	Auto			
24-Jan-12	0.7	Auto			
25-Jan-12	1.0	Auto			
26-Jan-12	0.5	Auto			
27-Jan-12	0.5	Auto			
28-Jan-12	0.5	Auto			
29-Jan-12	0.2	Auto			
30-Jan-12	0.4	Auto			
31-Jan-12	0.2	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

### Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Feb-12					
02-Feb-12	2.0	Demand	8hrs 39min	Bad GreenLine test	Demand test passed
03-Feb-12	1.7	Auto			
04-Feb-12	1.4	Auto			
05-Feb-12	1.9	Auto			
06-Feb-12	1.6	Auto			
07-Feb-12	2.6	Auto			
08-Feb-12	2.6	Auto			
09-Feb-12	1.5	Auto			
10-Feb-12	2.0	Auto			
11-Feb-12	2.5	Auto			
12-Feb-12	2.5	Auto			
13-Feb-12	2.6	Auto			
14-Feb-12	2.4	Auto			
15-Feb-12					
16-Feb-12					
17-Feb-12					
18-Feb-12					
19-Feb-12					
20-Feb-12					
21-Feb-12					
22-Feb-12					
23-Feb-12	1.2	Auto			
24-Feb-12	2.5	Auto			
25-Feb-12					
26-Feb-12					
27-Feb-12					
28-Feb-12					
29-Feb-12					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Feb-12	0.2	Auto			
02-Feb-12					
03-Feb-12					
04-Feb-12					
05-Feb-12					
06-Feb-12					
07-Feb-12					
08-Feb-12					
09-Feb-12					
10-Feb-12					
11-Feb-12					
12-Feb-12					
13-Feb-12					
14-Feb-12					
15-Feb-12	3.0	Demand	10hrs 50min	Bad GreenLine test	Demand test passed
16-Feb-12	1.0	Demand	8hrs 2min	Bad GreenLine test	Demand test passed
17-Feb-12	1.0	Auto			
18-Feb-12	0.8	Auto			
19-Feb-12	0.8	Auto			
20-Feb-12	0.7	Auto			
21-Feb-12	0.8	Auto			
22-Feb-12	0.8	Auto			
23-Feb-12					
24-Feb-12					
25-Feb-12	0.7	Auto			
26-Feb-12	0.9	Auto			
27-Feb-12	1.0	Auto			
28-Feb-12	1.3	Auto			
29-Feb-12	0.7	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Compressor Plant 2 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Mar-12					
02-Mar-12					
03-Mar-12					
04-Mar-12					
05-Mar-12					
06-Mar-12					
07-Mar-12					
08-Mar-12					
09-Mar-12					
10-Mar-12					
11-Mar-12					
12-Mar-12					
13-Mar-12					
14-Mar-12					
15-Mar-12					
16-Mar-12					
17-Mar-12					
18-Mar-12					
19-Mar-12					
20-Mar-12					
21-Mar-12					
22-Mar-12					
23-Mar-12					
24-Mar-12					
25-Mar-12					
26-Mar-12					
27-Mar-12					
28-Mar-12					
29-Mar-12					
30-Mar-12					
31-Mar-12					

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Mar-12	1.0	Auto			
02-Mar-12	0.9	Auto			
03-Mar-12	0.8	Auto			
04-Mar-12	0.8	Auto			
05-Mar-12	0.9	Auto			
06-Mar-12	0.7	Auto			
07-Mar-12	0.9	Auto			
08-Mar-12	1.1	Auto			
09-Mar-12	1.0	Auto			
10-Mar-12	1.4	Auto			
11-Mar-12	1.0	Auto			
12-Mar-12	1.5	Auto			
13-Mar-12	1.0	Auto			
14-Mar-12	1.2	Auto			
15-Mar-12	1.1	Auto			
16-Mar-12	0.8	Auto			
17-Mar-12	1.2	Auto			
18-Mar-12	8.3	Auto			
19-Mar-12	1.5	Auto			
20-Mar-12	1.0	Auto			
21-Mar-12	0.9	Auto			
22-Mar-12	1.1	Auto			
23-Mar-12	0.8	Auto			
24-Mar-12	1.5	Auto			
25-Mar-12	1.0	Auto			
26-Mar-12	0.8	Auto			
27-Mar-12	1.1	Auto			
28-Mar-12	1.3	Auto			
29-Mar-12	1.0	Auto			
30-Mar-12	0.9	Auto			
31-Mar-12	2.1	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

(1) Only one engine runs at a time at Compressor Plant 2

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Apr-11	down				
02-Apr-11	down				
03-Apr-11	down				
04-Apr-11	down				
05-Apr-11	down				
06-Apr-11	down				
07-Apr-11	down				
08-Apr-11	down				
09-Apr-11	down				
10-Apr-11	down				
11-Apr-11	down				
12-Apr-11	down				
13-Apr-11	down				
14-Apr-11	down				
15-Apr-11	down				
16-Apr-11	down				
17-Apr-11	down				
18-Apr-11	down				
19-Apr-11	down				
20-Apr-11	down				
21-Apr-11	down				
22-Apr-11	3.8	Demand			
23-Apr-11	4.3	Auto			
24-Apr-11	7.5	Auto			
25-Apr-11	8.1	Auto			
26-Apr-11	7.1	Auto			
27-Apr-11	6.9	Auto			
28-Apr-11	7.6	Auto			
29-Apr-11	6.2	Auto			
30-Apr-11	9.2	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Apr-11	down				
02-Apr-11	down				
03-Apr-11	down				
04-Apr-11	down				
05-Apr-11	down				
06-Apr-11	down				
07-Apr-11	down				
08-Apr-11	down				
09-Apr-11	down				
10-Apr-11	down				
11-Apr-11	down				
12-Apr-11	down				
13-Apr-11	down				
14-Apr-11	down				
15-Apr-11	down				
16-Apr-11	down				
17-Apr-11	down				
18-Apr-11	down				
19-Apr-11	down				
20-Apr-11	down				
21-Apr-11	down				
22-Apr-11	13.6	Demand			
23-Apr-11	7.2	Auto			
24-Apr-11	7.0	Auto			
25-Apr-11	6.6	Auto			
26-Apr-11	8.0	Auto			
27-Apr-11	7.3	Auto			
28-Apr-11	6.7	Auto			
29-Apr-11	9.5	Auto			
30-Apr-11	10.7	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-May-11	12.3	Auto			
02-May-11	11.8	Auto			
03-May-11	10.0	Auto			
04-May-11	10.0	Auto			
05-May-11	8.8	Auto			
06-May-11	8.1	Auto			
07-May-11	6.9	Auto			
08-May-11	7.7	Auto			
09-May-11	9.9	Auto			
10-May-11	10.3	Auto			
11-May-11	11.0	Auto			
12-May-11	11.3	Auto			
13-May-11	8.5	Auto			
14-May-11	9.6	Auto			
15-May-11	9.2	Auto			
16-May-11	11.2	Auto			
17-May-11	12.9	Auto			
18-May-11	10.0	Auto			
19-May-11	10.8	Auto			
20-May-11	down				
21-May-11	down				
22-May-11	down				
23-May-11	down				
24-May-11	down				
25-May-11	down				
26-May-11	down				
27-May-11	down				
28-May-11	down				
29-May-11	down				
30-May-11	down				
31-May-11	down				

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-May-11	14.8	Auto			
02-May-11	11.7	Auto			
03-May-11	9.8	Auto			
04-May-11	9.6	Auto			
05-May-11	8.8	Auto			
06-May-11	7.8	Auto			
07-May-11	8.4	Auto			
08-May-11	8.6	Auto			
09-May-11	9.2	Auto			
10-May-11	7.4	Auto			
11-May-11	7.4	Auto			
12-May-11	7.1	Auto			
13-May-11	3.4	Auto			
14-May-11	2.8	Auto			
15-May-11	1.1	Auto			
16-May-11	3.6	Auto			
17-May-11	3.2	Auto			
18-May-11	8.0	Auto			
19-May-11	4.1	Auto			
20-May-11	down				
21-May-11	down				
22-May-11	down				
23-May-11	down				
24-May-11	down				
25-May-11	down				
26-May-11	down				
27-May-11	down				
28-May-11	down				
29-May-11	down				
30-May-11	down				
31-May-11	down				

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>



## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jun-11	down				
02-Jun-11	down				
03-Jun-11	down				
04-Jun-11	down				
05-Jun-11	down				
06-Jun-11	down				
07-Jun-11	down				
08-Jun-11	down				
09-Jun-11	down				
10-Jun-11	down				
11-Jun-11	down				
12-Jun-11	down				
13-Jun-11	down				
14-Jun-11	down				
15-Jun-11	6.6	Manual			
16-Jun-11	5.8	Demand			
17-Jun-11	8.7	Auto			
18-Jun-11	6.9	Demand			
19-Jun-11	7.9	Auto			
20-Jun-11	8.6	Demand			
21-Jun-11	6.9	Auto			
22-Jun-11	7.7	Demand			
23-Jun-11	down				
24-Jun-11	down				
25-Jun-11	7.0	Manual	3hr 23min	Bad GreenLine test	Manual test passed
26-Jun-11	6.3	Manual	3hr 4min	Bad GreenLine test	Manual test passed
27-Jun-11	down				
28-Jun-11	down				
29-Jun-11	down				
30-Jun-11	down				

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jun-11	down				
02-Jun-11	down				
03-Jun-11	down				
04-Jun-11	down				
05-Jun-11	down				
06-Jun-11	down				
07-Jun-11	down				
08-Jun-11	down				
09-Jun-11	down				
10-Jun-11	down				
11-Jun-11	down				
12-Jun-11	down				
13-Jun-11	down				
14-Jun-11	down				
15-Jun-11	17.0	Manual			
16-Jun-11	6.9	Demand			
17-Jun-11	8.7	Auto			
18-Jun-11	5.3	Auto			
19-Jun-11	5.3	Auto			
20-Jun-11	3.2	Auto			
21-Jun-11	10.4	Demand			
22-Jun-11	9.1	Demand			
23-Jun-11	down				
24-Jun-11	down				
25-Jun-11	down				
26-Jun-11	14.0	Manual	3hr 20min	Bad GreenLine test	Manual test passed
27-Jun-11	down				
28-Jun-11	down				
29-Jun-11	down				
30-Jun-11	down				

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jul-11	9.1	Auto			
02-Jul-11	7.9	Auto			
03-Jul-11	7.7	Auto			
04-Jul-11	8.8	Auto			
05-Jul-11	7.9	Auto			
06-Jul-11	7.8	Auto			
07-Jul-11	7.4	Auto			
08-Jul-11	7.9	Auto			
09-Jul-11	8.1	Auto			
10-Jul-11	8.6	Auto			
11-Jul-11	9.0	Auto			
12-Jul-11	8.6	Auto			
13-Jul-11	8.0	Demand			
14-Jul-11	6.7	Auto			
15-Jul-11	8.8	Auto			
16-Jul-11	6.4	Manual	3 hrs	Bad Greenline test due to comm error	Manual test passed
17-Jul-11	5.9	Manual	3 hrs	Bad Greenline test due to comm error	Manual test passed
18-Jul-11	3.7	Manual	3 hrs	Bad Greenline test due to comm error	Manual test passed
19-Jul-11	5.2	Auto			
20-Jul-11	2.5	Auto			
21-Jul-11	1.3	Auto			
22-Jul-11	8.4	Demand			
23-Jul-11	5.3	Auto			
24-Jul-11	5.8	Auto			
25-Jul-11	5.1	Auto			
26-Jul-11	4.8	Auto			
27-Jul-11	5.0	Auto			
28-Jul-11	2.2	Auto			
29-Jul-11	down				
30-Jul-11	down				
31-Jul-11	down				

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jul-11	3.4	Auto			
02-Jul-11	5.9	Demand			
03-Jul-11	8.0	Manual	3 hrs	Bad GreenLine test due to comm error	Manual test passed
04-Jul-11	7.7	Manual	3 hrs	Bad GreenLine test due to comm error	Manual test passed
05-Jul-11	4.5	Auto			
06-Jul-11	8.4	Auto			
07-Jul-11	8.6	Auto			
08-Jul-11	8.7	Auto			
09-Jul-11	7.6	Auto			
10-Jul-11	9.8	Auto			
11-Jul-11	10.2	Auto			
12-Jul-11	7.1	Auto			
13-Jul-11	9.1	Demand			
14-Jul-11	7.9	Demand			
15-Jul-11	7.4	Auto			
16-Jul-11	9.6	Auto			
17-Jul-11	7.9	Auto			
18-Jul-11	6.3	Demand			
19-Jul-11	4.7	Auto			
20-Jul-11	4.7	Auto			
21-Jul-11	8.0	Auto			
22-Jul-11	6.7	Auto			
23-Jul-11	9.8	Auto			
24-Jul-11	11.7	Auto			
25-Jul-11	11.0	Auto			
26-Jul-11	8.1	Auto			
27-Jul-11	8.4	Auto			
28-Jul-11	7.8	Auto			
29-Jul-11	down				
30-Jul-11	down				
31-Jul-11	down				

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

### Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Aug-11	down				
02-Aug-11	down				
03-Aug-11	down				
04-Aug-11	down				
05-Aug-11	down				
06-Aug-11	down				
07-Aug-11	down				
08-Aug-11	down				
09-Aug-11	down				
10-Aug-11	down				
11-Aug-11	down				
12-Aug-11	down				
13-Aug-11	down				
14-Aug-11	down				
15-Aug-11	down				
16-Aug-11	down				
17-Aug-11	down				
18-Aug-11	down				
19-Aug-11	down				
20-Aug-11	down				
21-Aug-11	down				
22-Aug-11	down				
23-Aug-11	down				
24-Aug-11	down				
25-Aug-11	down				
26-Aug-11	down				
27-Aug-11	down				
28-Aug-11	down				
29-Aug-11	down				
30-Aug-11	down				
31-Aug-11	down				

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Aug-11	down				
02-Aug-11	down				
03-Aug-11	down				
04-Aug-11	down				
05-Aug-11	down				
06-Aug-11	down				
07-Aug-11	down				
08-Aug-11	down				
09-Aug-11	down				
10-Aug-11	down				
11-Aug-11	down				
12-Aug-11	down				
13-Aug-11	down				
14-Aug-11	down				
15-Aug-11	down				
16-Aug-11	down				
17-Aug-11	down				
18-Aug-11	down				
19-Aug-11	down				
20-Aug-11	down				
21-Aug-11	down				
22-Aug-11	down				
23-Aug-11	down				
24-Aug-11	down				
25-Aug-11	down				
26-Aug-11	down				
27-Aug-11	down				
28-Aug-11	down				
29-Aug-11	down				
30-Aug-11	down				
31-Aug-11	down				

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Sep-11	down				
02-Sep-11	down				
03-Sep-11	down				
04-Sep-11	down				
05-Sep-11	down				
06-Sep-11	down				
07-Sep-11	down				
08-Sep-11	down				
09-Sep-11	down				
10-Sep-11	down				
11-Sep-11	down				
12-Sep-11	down				
13-Sep-11	down				
14-Sep-11	down				
15-Sep-11	down				
16-Sep-11	down				
17-Sep-11	down				
18-Sep-11	down				
19-Sep-11	down				
20-Sep-11	down				
21-Sep-11	down				
22-Sep-11	down				
23-Sep-11	down				
24-Sep-11	down				
25-Sep-11	down				
26-Sep-11	down				
27-Sep-11	down				
28-Sep-11	2.2	Auto			
29-Sep-11	2.5	Auto			
30-Sep-11	2.9	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Sep-11	down				
02-Sep-11	down				
03-Sep-11	down				
04-Sep-11	down				
05-Sep-11	down				
06-Sep-11	down				
07-Sep-11	down				
08-Sep-11	down				
09-Sep-11	down				
10-Sep-11	down				
11-Sep-11	down				
12-Sep-11	down				
13-Sep-11	down				
14-Sep-11	down				
15-Sep-11	down				
16-Sep-11	down				
17-Sep-11	down				
18-Sep-11	down				
19-Sep-11	down				
20-Sep-11	down				
21-Sep-11	down				
22-Sep-11	down				
23-Sep-11	down				
24-Sep-11	down				
25-Sep-11	down				
26-Sep-11	down				
27-Sep-11	down				
28-Sep-11	2.3	Auto			
29-Sep-11	1.2	Auto			
30-Sep-11	1.9	Auto			

### Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Oct-11	2.9	Auto			
02-Oct-11	3.0	Auto			
03-Oct-11	3.1	Auto			
04-Oct-11	3.0	Auto			
05-Oct-11	2.9	Auto			
06-Oct-11	3.7	Auto			
07-Oct-11	3.6	Auto			
08-Oct-11	3.6	Auto			
09-Oct-11	3.7	Auto			
10-Oct-11	3.7	Auto			
11-Oct-11	3.7	Auto			
12-Oct-11	3.4	Auto			
13-Oct-11	3.8	Auto			
14-Oct-11	3.7	Auto			
15-Oct-11	3.6	Auto			
16-Oct-11	3.7	Auto			
17-Oct-11	4.1	Auto			
18-Oct-11	3.5	Auto			
19-Oct-11	3.7	Auto			
20-Oct-11	3.6	Auto			
21-Oct-11	3.7	Auto			
22-Oct-11	3.8	Auto			
23-Oct-11	3.8	Auto			
24-Oct-11	3.8	Auto			
25-Oct-11	3.5	Auto			
26-Oct-11	3.9	Auto			
27-Oct-11	4.6	Auto			
28-Oct-11	4.3	Auto			
29-Oct-11	4.1	Auto			
30-Oct-11	4.4	Auto			
31-Oct-11	4.2	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Oct-11	2.8	Auto			
02-Oct-11	3.5	Auto			
03-Oct-11	3.9	Auto			
04-Oct-11	3.1	Auto			
05-Oct-11	7.3	Auto			
06-Oct-11	8.6	Auto			
07-Oct-11	8.1	Auto			
08-Oct-11	8.2	Auto			
09-Oct-11	9.3	Auto			
10-Oct-11	9.1	Auto			
11-Oct-11	8.2	Auto			
12-Oct-11	7.5	Auto			
13-Oct-11	7.4	Auto			
14-Oct-11	5.7	Auto			
15-Oct-11	5.0	Auto			
16-Oct-11	4.5	Auto			
17-Oct-11	5.7	Auto			
18-Oct-11	6.3	Auto			
19-Oct-11	6.0	Auto			
20-Oct-11	6.6	Auto			
21-Oct-11	5.8	Auto			
22-Oct-11	6.3	Auto			
23-Oct-11	6.1	Auto			
24-Oct-11	6.3	Auto			
25-Oct-11	2.2	Auto			
26-Oct-11	6.7	Auto			
27-Oct-11	8.5	Auto			
28-Oct-11	7.8	Auto			
29-Oct-11	11.5	Auto			
30-Oct-11	8.2	Auto			
31-Oct-11	8.7	Auto			

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Nov-11	4.2	Auto			
02-Nov-11	4.8	Auto			
03-Nov-11	4.9	Auto			
04-Nov-11	4.2	Auto			
05-Nov-11	4.1	Auto			
06-Nov-11	4.5	Auto			
07-Nov-11	4.8	Auto			
08-Nov-11	4.6	Auto			
09-Nov-11	down				
10-Nov-11	down				
11-Nov-11	down				
12-Nov-11	down				
13-Nov-11	down				
14-Nov-11	down				
15-Nov-11	down				
16-Nov-11	4.1	Auto			
17-Nov-11	4.6	Auto			
18-Nov-11	5.0	Auto			
19-Nov-11	5.3	Auto			
20-Nov-11	5.2	Auto			
21-Nov-11	6.1	Auto			
22-Nov-11	5.8	Auto			
23-Nov-11	5.8	Auto			
24-Nov-11	5.9	Auto			
25-Nov-11	6.7	Auto			
26-Nov-11	7.1	Auto			
27-Nov-11	7.3	Auto			
28-Nov-11	7.9	Auto			
29-Nov-11	7.6	Auto			
30-Nov-11	8.2	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Nov-11	8.6	Auto			
02-Nov-11	10.9	Auto			
03-Nov-11	11.9	Auto			
04-Nov-11	7.6	Auto			
05-Nov-11	11.4	Auto			
06-Nov-11	8.8	Auto			
07-Nov-11	8.8	Manual	6 hrs 45 min	GreenLine failed	Adjusted carburetor, manual test passed
08-Nov-11	8.6	Manual	5 hrs	GreenLine failed	Adjusted carburetor, manual test passed
09-Nov-11	down				
10-Nov-11	down				
11-Nov-11	down				
12-Nov-11	down				
13-Nov-11	down				
14-Nov-11	down				
15-Nov-11	down				
16-Nov-11	6.3	Demand			
17-Nov-11	4.3	Auto			
18-Nov-11	6.0	Auto			
19-Nov-11	5.7	Auto			
20-Nov-11	5.8	Auto			
21-Nov-11	5.3	Auto			
22-Nov-11	1.8	Auto			
23-Nov-11	3.2	Auto			
24-Nov-11	2.2	Auto			
25-Nov-11	3.0	Auto			
26-Nov-11	5.0	Manual	5 hrs	Bad GreenLine test	Manual test passed
27-Nov-11	4.0	Manual	5 hrs	Bad GreenLine test	Manual test passed
28-Nov-11	6.2	Demand			
29-Nov-11	5.9	Auto			
30-Nov-11	6.2	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Dec-11	11.8	Auto			
02-Dec-11	9.0	Auto			
03-Dec-11	9.3	Auto			
04-Dec-11	9.0	Demand			
05-Dec-11	9.1	Auto			
06-Dec-11	9.9	Auto			
07-Dec-11	9.8	Auto			
08-Dec-11	down				
09-Dec-11	down				
10-Dec-11	down				
11-Dec-11	down				
12-Dec-11	down				
13-Dec-11	down				
14-Dec-11	down				
15-Dec-11	down				
16-Dec-11	down				
17-Dec-11	down				
18-Dec-11	down				
19-Dec-11	down				
20-Dec-11	down				
21-Dec-11	down				
22-Dec-11	down				
23-Dec-11	down				
24-Dec-11	down				
25-Dec-11	down				
26-Dec-11	down				
27-Dec-11	down				
28-Dec-11	down				
29-Dec-11	down				
30-Dec-11	down				
31-Dec-11	down				

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Dec-11	5.0	Auto			
02-Dec-11	6.0	Auto			
03-Dec-11	6.2	Auto			
04-Dec-11	6.5	Auto			
05-Dec-11	6.6	Auto			
06-Dec-11	6.1	Auto			
07-Dec-11	6.6	Auto			
08-Dec-11	down				
09-Dec-11	down				
10-Dec-11	down				
11-Dec-11	down				
12-Dec-11	down				
13-Dec-11	down				
14-Dec-11	down				
15-Dec-11	down				
16-Dec-11	down				
17-Dec-11	down				
18-Dec-11	down				
19-Dec-11	down				
20-Dec-11	down				
21-Dec-11	down				
22-Dec-11	down				
23-Dec-11	down				
24-Dec-11	down				
25-Dec-11	down				
26-Dec-11	down				
27-Dec-11	down				
28-Dec-11	down				
29-Dec-11	down				
30-Dec-11	down				
31-Dec-11	down				

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>



## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jan-12	down				
02-Jan-12	down				
03-Jan-12	down				
04-Jan-12	down				
05-Jan-12	down				
06-Jan-12	down				
07-Jan-12	down				
08-Jan-12	down				
09-Jan-12	down				
10-Jan-12	down				
11-Jan-12	down				
12-Jan-12	down				
13-Jan-12	down				
14-Jan-12	down				
15-Jan-12	down				
16-Jan-12	down				
17-Jan-12	down				
18-Jan-12	down				
19-Jan-12	down				
20-Jan-12	down				
21-Jan-12	down				
22-Jan-12	down				
23-Jan-12	down				
24-Jan-12	down				
25-Jan-12	16.3	Manual			
26-Jan-12	4.2	Auto			
27-Jan-12	3.4	Auto			
28-Jan-12	4.9	Auto			
29-Jan-12	5.4	Auto			
30-Jan-12	5.1	Auto			
31-Jan-12	4.3	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Jan-12	down				
02-Jan-12	down				
03-Jan-12	down				
04-Jan-12	down				
05-Jan-12	down				
06-Jan-12	down				
07-Jan-12	down				
08-Jan-12	down				
09-Jan-12	down				
10-Jan-12	down				
11-Jan-12	down				
12-Jan-12	down				
13-Jan-12	down				
14-Jan-12	down				
15-Jan-12	down				
16-Jan-12	down				
17-Jan-12	down				
18-Jan-12	down				
19-Jan-12	down				
20-Jan-12	down				
21-Jan-12	down				
22-Jan-12	down				
23-Jan-12	down				
24-Jan-12	down				
25-Jan-12	8.0	Demand			
26-Jan-12	6.3	Auto			
27-Jan-12	13.3	Demand			
28-Jan-12	13.9	Auto	12hrs 16min	Bad GreenLine test	Demand test passed
29-Jan-12	14.5	Auto			
30-Jan-12	14.4	Auto			
31-Jan-12	12.7	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Feb-12	3.9	Auto			
02-Feb-12	4.2	Auto			
03-Feb-12	5.1	Auto			
04-Feb-12	6.4	Auto			
05-Feb-12	5.9	Auto			
06-Feb-12	6.4	Auto			
07-Feb-12	6.2	Auto			
08-Feb-12	6.4	Auto			
09-Feb-12	4.9	Auto			
10-Feb-12	4.9	Auto			
11-Feb-12	4.1	Auto			
12-Feb-12	5.0	Auto			
13-Feb-12	4.0	Auto			
14-Feb-12	5.1	Auto			
15-Feb-12	2.8	Auto			
16-Feb-12	2.5	Auto			
17-Feb-12	3.2	Auto			
18-Feb-12	3.3	Auto			
19-Feb-12	2.9	Auto			
20-Feb-12	3.3	Auto			
21-Feb-12	5.8	Auto			
22-Feb-12	5.6	Auto			
23-Feb-12	3.6	Auto			
24-Feb-12	10.7	Manual			
25-Feb-12	10.4	Auto		Bad GreenLine test	Manual test passed
26-Feb-12	10.2	Auto			
27-Feb-12	10.6	Auto			
28-Feb-12	10.6	Auto			
29-Feb-12	11.0	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Feb-12	12.6	Auto			
02-Feb-12	13.0	Auto			
03-Feb-12	13.1	Auto			
04-Feb-12	15.8	Auto			
05-Feb-12	16.0	Auto			
06-Feb-12	14.2	Auto			
07-Feb-12	12.1	Auto			
08-Feb-12	11.4	Auto			
09-Feb-12	12.9	Auto			
10-Feb-12	11.0	Auto			
11-Feb-12	10.0	Auto			
12-Feb-12	13.4	Auto			
13-Feb-12	10.5	Auto			
14-Feb-12	8.3	Auto			
15-Feb-12	8.5	Auto			
16-Feb-12	8.3	Auto			
17-Feb-12	9.6	Auto			
18-Feb-12	9.8	Auto			
19-Feb-12	10.0	Auto			
20-Feb-12	11.3	Auto			
21-Feb-12	11.8	Auto			
22-Feb-12	8.6	Auto			
23-Feb-12	8.6	Auto			
24-Feb-12	7.8	Auto			
25-Feb-12	8.8	Auto			
26-Feb-12	7.7	Auto			
27-Feb-12	8.2	Auto			
28-Feb-12	8.0	Auto			
29-Feb-12	8.9	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

## Water Flood 1 CAM Testing

Engine #1

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Mar-12	10.8	Auto			
02-Mar-12	11.4	Auto			
03-Mar-12	11.5	Auto			
04-Mar-12	11.1	Auto			
05-Mar-12	11.2	Auto			
06-Mar-12	11.1	Auto			
07-Mar-12	12.0	Auto			
08-Mar-12	12.6	Auto			
09-Mar-12	11.6	Auto			
10-Mar-12	11.6	Auto			
11-Mar-12	10.7	Auto			
12-Mar-12	11.1	Auto			
13-Mar-12	10.3	Auto			
14-Mar-12	11.4	Auto			
15-Mar-12	11.0	Auto			
16-Mar-12	10.4	Auto			
17-Mar-12	10.7	Auto			
18-Mar-12	11.2	Auto			
19-Mar-12	11.9	Auto			
20-Mar-12	12.0	Auto			
21-Mar-12	10.6	Auto			
22-Mar-12	11.4	Auto			
23-Mar-12	10.7	Auto			
24-Mar-12	12.5	Auto			
25-Mar-12	11.8	Auto			
26-Mar-12	12.1	Auto			
27-Mar-12	12.6	Auto			
28-Mar-12	12.5	Auto			
29-Mar-12	12.7	Auto			
30-Mar-12	12.5	Auto			
31-Mar-12	12.6	Auto			

Engine #2

Test Date	Test Avg	Type	Duration	Cause	Corrective Action
01-Mar-12	8.3	Auto			
02-Mar-12	9.6	Auto			
03-Mar-12	8.7	Auto			
04-Mar-12	10.0	Auto			
05-Mar-12	9.2	Auto			
06-Mar-12	7.9	Auto			
07-Mar-12	10.6	Auto			
08-Mar-12	10.1	Auto			
09-Mar-12	9.2	Auto			
10-Mar-12	8.2	Auto			
11-Mar-12	8.0	Auto			
12-Mar-12	7.6	Auto			
13-Mar-12	8.6	Auto			
14-Mar-12	8.9	Auto			
15-Mar-12	7.6	Auto			
16-Mar-12	8.5	Auto			
17-Mar-12	7.0	Auto			
18-Mar-12	8.0	Auto			
19-Mar-12	7.9	Auto			
20-Mar-12	7.7	Auto			
21-Mar-12	8.2	Auto			
22-Mar-12	8.3	Auto			
23-Mar-12	7.1	Auto			
24-Mar-12	7.8	Auto			
25-Mar-12	7.6	Auto			
26-Mar-12	8.1	Auto			
27-Mar-12	8.2	Auto			
28-Mar-12	8.5	Auto			
29-Mar-12	7.5	Auto			
30-Mar-12	7.7	Auto			
31-Mar-12	7.2	Auto			

NO<sub>x</sub> Limit is 25 PPM at 15% O<sub>2</sub>

**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: Central Site C-101		Engine I.D.: Waukesha 7042 GL											
Oil Filter No.		Fan Belt No. 5VX1800						Oil					
Engine Water Pump Belt No. A209617		Auxiliary Water Pump A199868						Fan 5VX1800 [3]					
Year: 2011													
Date:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
PM Number:	1/21/2011		3/11/2011			6/21/2011		8/26/2011	9/23/2011		11/9/2011		
	910547452					91069774		910589375	910592390		910600195		
Engine Oil Change	No					Yes		No	No		No		
Engine Filter Change	Yes					Yes		No	Yes		No		
Compressor Oil Change	No					No		No	No		No		
Compressor Filter Change	Yes					No		No	Yes		No		
Set Valves	Yes					Yes		No	Yes		No		
Change Ignition Timer	No					No		No	No		No		
Change Plugs	Yes					Yes		Yes	Yes		Yes		
Set Timing	Yes					Yes		Yes	Yes		Yes		
Change Air Filters	Yes					Yes		No	Yes		No		
Change Pre-Air Filters	Yes					Yes		Yes	Yes		Yes		
Change Belts - Fan / Water Pump	No					No		No	No		No		
Check Safety Shutdowns	No					Yes		No	No		No		
Change Converter	No					No		No	No		No		
Change O2 Sensor	No					No		No	No		No		
Inspect Fuel Control Valve	Yes					Yes		Yes	Yes		Yes		
Clean Carburetor						Yes		No	No		No		
Run-Time Hours Since Last Service (Permit Limit: After 2000 hours)	754							1,302	599		974		
Engine RPM	850					850		850	850		850		
(Permit Limit: N/A)													
Other Notes/Corrections:	replaced #5 #4 right power heads - 2000hr service		broken crankshaft started overhaul by Valley Power			unit on line after overhaul		1000hr service	2000hr service		1000hr service		
<b>total engine hours runtime &gt;</b>	<b>142,122</b>					142,817		144,119	144,718		145,692		
Operator Initials	DES		DES			Valley Power		DES	DES		DES		
Test Converter	Date												
	Result												
	Operator Initials												

**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: Central Site C-101		Engine I.D.: Waukesha 7042 GL											
Oil Filter No.	Plug No.	Fan Belt No. 5VX1800 Oil											
Engine Water Pump Belt No. A209617	Auxiliary Water Pump A199868	Fan 5VX1800 [3]											
Year: 2012		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		1/5/2012	2/27/2012										
PM Number:		910607894	910615907										
Engine Oil Change		No	No										
Engine Filter Change		Yes	No										
Compressor Oil Change		No	No										
Compressor Filter Change		Yes	No										
Set Valves		Yes	No										
Change Ignition Timer		No	No										
Change Plugs		Yes	Yes										
Set Timing		Yes	Yes										
Change Air Filters		Yes	No										
Change Pre-Air Filters		Yes	Yes										
Change Belts – Fan / Water Pump		No	No										
Check Safety Shutdowns		No	No										
Change Converter		No	No										
Change O2 Sensor		No	No										
Inspect Fuel Control Valve		Yes	Yes										
Clean Carburetor		No											
Run-Time Hours Since Last Service (Permit Limit: After 2000 hours)		817	920										
Engine RPM		850	850										
(Permit Limit: N/A)													
Other Notes/Corrections:		2000hr service	1000hr service										
total engine hours runtime >		146,509	147,429										
Operator Initials		DES	DES										
Test Converter		Date	Result	Operator Initials									

**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: <b>Central Site C-102</b>		Engine I.D.: <b>Waukesha 7042 GL</b>													
Oil Filter No.		Plug No. <b>RTM 77N</b>						Fan Belt No. <b>5VX1800</b>						Oil Capacity _____ Gal.	
Engine Water Pump Belt No. <b>A209617</b>		Auxiliary Water Pump <b>A199868</b>													
Year: <b>2011</b>		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC		
Date:	PM Number:		2/9/2011 910553822	3/31/2011 910570000		5/23/2011 910576101	6/23/2011 910580470			9/1/2011 910588770	10/11/2011 910594077				
Engine Oil Change		No	No	No	No	No	No	No	No	No	No	No	No		
Engine Filter Change		Yes	Yes	No	No	Yes	No	No	No	Yes	No	No	No		
Compressor Oil Change		No	No	No	No	No	No	No	No	No	No	No	No		
Compressor Filter Change		Yes	Yes	No	No	Yes	No	No	No	Yes	No	No	No		
Set Valves		No	No	No	No	Yes	No	No	No	Yes	No	No	No		
Change Ignition Timer		No	No	No	No	No	No	No	No	No	No	No	No		
Change Plugs		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Set Timing		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Change Air Filters		No	No	No	No	Yes	No	No	No	Yes	No	No	No		
Change Pre-Air Filters		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Change Belts – Fan / Water Pump		No	No	No	No	No	No	No	No	No	No	No	No		
Check Safety Shutdowns		No	No	No	No	No	No	No	No	No	No	No	No		
Change Converter		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Change O2 Sensor		No	No	No	No	No	No	No	No	No	No	No	No		
Inspect Fuel Control Valve		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Clean Carburetor		No	No	No	No	No	No	No	No	No	No	No	No		
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )		1,045	785	1,259	699	1,162	525	850	850	2000hr service	1000hr service	146,082	146,082		
Engine RPM		850	850	850	850	850	850	850	850	850	850	850	850		
(Permit Limit: <b>N/A</b> )															
Other Notes/Corrections:															
Engine Overhauled 12/13/05			2000 hr service	1000hr service	2000hr service	1000 hr service	2000hr service	1000hr service	2000hr service	1000hr service	2000hr service	1000hr service	1000hr service		
110,729 Hrs.															
<b>total engine hours runtime &gt;</b>			141,652	142,437	143,696	144,395	145,557	146,082	146,082	146,082	146,082	146,082	146,082		
Operator Initials			DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES		
Test Converter															
Date															
Result															
Operator Initials															

**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: <b>Central Site C-102</b>												
Engine I.D.: <b>Waukesha 7042 GL</b>												
Oil Filter No. <b>Plug No. RTM 77N</b>												
Fan Belt No. <b>5VX1800</b> Oil Capacity _____ Gal.												
Auxiliary Water Pump <b>A199868</b> Fan <b>5VX1800 [3]</b>												
Year: <b>2012</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/23/2012											
PM Number:	910608648											
Engine Oil Change	No											
Engine Filter Change	Yes											
Compressor Oil Change	No											
Compressor Filter Change	Yes											
Set Valves	Yes											
Change Ignition Timer	No											
Change Plugs	Yes											
Set Timing	Yes											
Change Air Filters	No											
Change Pre-Air Filters	Yes											
Change Belts - Fan / Water Pump	No											
Check Safety Shutdowns	No											
Change Converter	No											
Change O2 Sensor	No											
Inspect Fuel Control Valve	Yes											
Clean Carburetor	No											
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )	924											
Engine RPM	850											
<b>(Permit Limit: N/A)</b>												
Other Notes/Corrections:												
Engine Overhauled 12/13/05												
110,729 Hrs.												
<b>total engine hours runtime &gt;</b>											147,006	
Operator Initials	DES											
Test Converter	Date											
	Result											
	Operator Initials											



**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: Central Site C-103												
Engine I.D.: <b>Waukesha 7042GL</b>												
Oil Filter No. _____ Oil Capacity _____ Gal.												
Plug No. <b>RTM77N .012</b> Fan Belt No. <b>N/A</b>												
Auxiliary Water Pump <b>A199868</b> Fan <b>5VX1800 [3]</b>												
Year: 2011	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/4/2011	2/8/2011		4/7/2011	5/4/2011	6/20/2011		8/12/2011		10/11/2011		
PM Number:	910547451	910552404		910571822	910573946	910581311		910585500		910594922		
Engine Oil Change	No	No		No	No	No		No		No		
Engine Filter Change	No	Yes		No	Yes	No		Yes		No		
Compressor Oil Change	No	No		No	No	No		No		No		
Compressor Filter Change	No	Yes		No	Yes	No		Yes		No		
Set Valves	No	Yes		No	Yes	No		Yes		No		
Change Ignition Timer	No	No		No	No	No		No		No		
Change Plugs	Yes	Yes		Yes	Yes	Yes		Yes		Yes		
Set Timing	Yes	Yes		Yes	Yes	Yes		Yes		Yes		
Change Air Filters	No	No		No	Yes	No		No		No		
Change Pre-Air Filters	Yes	Yes		Yes	Yes	Yes		Yes		Yes		
Change Belts - Fan / Water Pump	No	No		No	No	No		No		No		
Check Safety Shutdowns	No	No		No	No	No		No		No		
Change Converter	N/A	N/A		N/A	N/A	N/A		N/A		N/A		
Change O2 Sensor	No	No		No	Yes	No		No		No		
Inspect Fuel Control Valve	Yes	Yes		Yes	Yes	Yes		Yes		Yes		
Clean Carburetor	No	No		No	No	No		No		No		
Run-Time Hours Since Last Service (Permit Limit: After 2000 hours)	1036	715		1,093	655	1,049		442		714		
Engine RPM	850	850		850	850	850		850		850		
(Permit Limit: _____)												
Other Notes/Corrections:		2000hr service		1000hr service	2000hr service	1000hr service		2000hr service		1000hr service		
<b>total engine hours runtime &gt;</b>	138,231	138,946		140,039	140,694	141,743		142,185		142,899		
Operator Initials	DES	DES		DES	DES	DES		DES		DES		
Test Converter												
Date												
Result												
Operator Initials												

**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: <b>Central Site C-103</b>												
Engine I.D.: <b>Waukesha 7042GL</b>												
Oil Filter No. _____ Plug No. <b>RTM77N .012</b> Fan Belt No. <b>N/A</b> Oil Capacity _____ Gal.												
Engine Water Pump Belt No. <b>A209617</b> Auxiliary Water Pump <b>A199868</b> Fan <b>5VX1800 [3]</b>												
Year: <b>2012</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/9/2012			4/10/2012								
PM Number:	910607891			910625802								
Engine Oil Change	No			No								
Engine Filter Change	Yes			No								
Compressor Oil Change	No			No								
Compressor Filter Change	Yes			No								
Set Valves	Yes			No								
Change Ignition Timer	No			No								
Change Plugs	Yes			Yes								
Set Timing	Yes			Yes								
Change Air Filters	Yes			No								
Change Pre-Air Filters	Yes			Yes								
Change Belts - Fan / Water Pump	No			No								
Check Safety Shutdowns	No			No								
Change Converter	No			No								
Change O2 Sensor	No			No								
Inspect Fuel Control Valve	Yes			Yes								
Clean Carburetor												
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )	739			923								
Engine RPM	850			850								
(Permit Limit: _____)												
Other Notes/Corrections:	2000 hr service			1000hr service								
<b>total engine hours runtime &gt;</b>	143,638			144,561								
Operator Initials	DES			DES								
Test Converter												
Date												
Result												
Operator Initials												

APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC

Engine Location: Compressor Plant No. 2, Engine 1												
Oil Filter No.		Engine I.D.: <b>Waukesha 5790GU</b>										
Engine Water Pump Belt No.		Plug No. <b>RM-77N</b>		Fan Belt No. <b>N/A</b>				Oil Capacity _____ Gal.				
Year: 2011	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/14/2011						7/21/2011	8/24/2011				12/29/2011
PM Number:	910534596				5/18/2011			910579867				910604315
Engine Oil Change	No							No				Yes
Engine Filter Change	Yes							Yes				Yes
Compressor Oil Change	Yes							No				Yes
Compressor Filter Change	Yes							Yes				Yes
Set Valves	Yes							Yes				Yes
Change Ignition Timer	No							No				No
Change Plugs	Yes							Yes				Yes
Set Timing	Yes							Yes				Yes
Change Air Filters	Yes							Yes				Yes
Change Pre-Air Fillers	Yes							Yes				Yes
Change Belts – Fan / Water Pump	No							No				Yes
Check Safety Shutdowns	No							No				Yes
Change Converter	No							No				No
Change O2 Sensor	No							No				No
Inspect Fuel Control Valve	Yes							Yes				Yes
Clean Carburetor	No							No				No
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )	2,550							1,664				2,955
Engine RPM	850							850				850
(Permit Limit: _____)												
Other Notes/Corrections:												
	2000hr service				engine assessed prior to biennial source test - all systems ok			engine assessed during Quarterly Emission Screening Analysis - all systems ok				2000hr service
<b>total engine hours runtime &gt;</b>	21,603							23,267				26,222
Operator Initials	DES				DES			DES				DES
Test Converter												
	Date											
	Result											
	Operator Initials											



**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: Compressor Plant No. 2, Engine 2												
Oil Filter No. _____			Plug No. RM-77N			Fan Belt No. N/A			Engine I.D.: Waukesha 5790GU			
Oil Capacity _____ Gal.												
Auxiliary Water Pump N/A												
Fan N/A												
Year: 2011	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:			3/4/2011		5/17/2011	6/29/2011	7/21/2011					12/28/2011
PM Number:			910543540			910577254						
Engine Oil Change			No			No						
Engine Filter Change			Yes			Yes						
Compressor Oil Change			Yes			No						
Compressor Filter Change			Yes			Yes						
Set Valves			Yes			Yes						
Change Ignition Timer			No			No						
Change Plugs			Yes			Yes						
Set Timing			Yes			Yes						
Change Air Filters			Yes			Yes						
Change Pre-Air Filters			Yes			Yes						
Change Belts – Fan / Water Pump			No			No						
Check Safety Shutdowns			No			No						
Change Converter			No			No						
Change O2 Sensor			No			No						
Inspect Fuel Control Valve			Yes			Yes						
Clean Carburetor												
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )			3,266			1,734						
Engine RPM			850			850						
(Permit Limit: _____)												
Other Notes/Corrections:												
							engine assessed during Quarterly Emission Screening Analysis - all systems ok					on line after overhaul - all systems ok
<b>total engine hours runtime &gt;</b>			20,171			21,905						22,724
Operator initials			DES		DES	DES	DES					DES
Test Converter	Date											
	Result											
	Operator Initials											

**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: Compressor Plant No. 2, Engine 2												Engine I.D.: Waukesha 5790GU											
Oil Filter No.												Oil Capacity _____ Gal.											
Engine Water Pump Belt No.												Fan Belt No. N/A											
Year: 2012												Auxiliary Water Pump N/A											
Date:												Fan N/A											
PM Number:												FEB											
Engine Oil Change												JAN											
Engine Filter Change												FEB											
Compressor Oil Change												MAR											
Compressor Filter Change												APR											
Set Valves												MAY											
Change Ignition Timer												JUN											
Change Plugs												JUL											
Set Timing												AUG											
Change Air Filters												SEPT											
Change Pre-Air Filters												OCT											
Change Belts – Fan / Water Pump												NOV											
Check Safety Shutdowns												DEC											
Change Converter																							
Change O2 Sensor																							
Inspect Fuel Control Valve																							
Clean Carburetor																							
Run-Time Hours Since Last Service (Permit Limit: After 2000 hours)																							
Engine RPM																							
(Permit Limit: _____)																							
Other Notes/Corrections:																							
total engine hours runtime >																							
Operator Initials																							
Test Converter																							
Date																							
Result																							
Operator Initials																							



**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: <b>GP2 Unit C-201</b>	Engine I.D.: <b>Waukesha F3521GL</b>												
Oil Filter No. _____	Plug No. <b>RTM77N</b>						Fan Belt No. <b>N/A</b>						Oil Capacity _____ Gal.
Engine Water Pump Belt No.:	Fan												
Year: <b>2011</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
Date:	1/4/2011			4/27/2011			7/28/2011			10/13/2011			
PM Number:	910528314			910551743			910574254						
Engine Oil Change	Yes			No			No						
Engine Filter Change	Yes			Yes			Yes						
Compressor Oil Change	No			No			No						
Compressor Filter Change	Yes			Yes			Yes						
Set Valves	Yes			Yes			Yes						
Change Ignition Timer	No			No			No						
Change Plugs	Yes			Yes			Yes						
Set Timing	Yes			Yes			Yes						
Change Air Filters	Yes			Yes			Yes						
Change Pre-Air Fillers	Yes			Yes			Yes						
Change Belts – Fan / Water Pump	No			No			No						
Check Safety Shutdowns	Yes			Yes			Yes						
Change Converter	N/A			N/A			N/A						
Change O2 Sensor	No			No			No						
Inspect Fuel Control Valve	Yes			Yes			Yes						
Clean Carburetor	No			No			No						
Run-Time Hours Since Last Service ( <i>Permit Limit: After 2000 hours</i> )	2,321			1,935			1,661						
Engine RPM	850			850			850						
(Permit Limit: _____)													
Other Notes/Corrections:													
engine overhaul 8/27/2010													
										engine assessed during Quarterly Emission Screening Analysis - all systems ok			
<b>total engine hours runtime &gt;</b>	21,427			23,362			25,023						
Operator Initials	DES			DES			DES			DES			
Test Converter													
Date													
Result													
Operator Initials													



**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: GP2 Unit C-201												
Oil Filter No.	Plug No. RTM77N	Engine I.D.: Waukesha F3521GL										
Engine Water Pump Belt No.:	Fan Belt No. N/A	Oil Capacity _____ Gal.										
Year: 2012	Auxiliary Water Pump Fan											
Date:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
PM Number:	1/4/2012											
Engine Oil Change	910606930											
Engine Filter Change	No											
Compressor Oil Change	Yes											
Compressor Filter Change	Yes											
Set Valves	Yes											
Change Ignition Timer	No											
Change Plugs	Yes											
Set Timing	Yes											
Change Air Filters	Yes											
Change Pre-Air Filters	Yes											
Change Belts - Fan / Water Pump	No											
Check Safety Shutdowns	No											
Change Converter	No											
Change O2 Sensor	No											
Inspect Fuel Control Valve	Yes											
Clean Carburetor												
Run-Time Hours Since Last Service (Permit Limit: After 2000 hours)	1,804											
Engine RPM	850											
(Permit Limit: _____)												
Other Notes/Corrections:	2000hr service											
engine overhaul 8/27/2010												
<b>total engine hours runtime &gt;</b>	26,827											
Operator initials	DES											
Test Converter	Date											
	Result											
	Operator initials											

**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: <b>GP2 Unit C-202</b>												
Engine I.D.: <b>Waukesha F3521GL</b>												
Oil Filter No. _____ Oil Capacity _____ Gal.												
Fan Belt No. <b>N/A</b>												
Plug No.: <b>RTM77N</b>												
Auxiliary Water Pump <b>N/A</b>												
Year: <b>2011</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/23/2011		4/5/2011				8/4/2011		10/7/2011		12/9/2011
PM Number:		910543344								910577081		910603789
Engine Oil Change		No								No		No
Engine Filter Change		Yes								Yes		No
Compressor Oil Change		No								No		No
Compressor Filter Change		Yes								Yes		No
Set Valves		Yes								Yes		No
Change Ignition Timer		No								No		No
Change Plugs		Yes								Yes		Yes
Set Timing		Yes								Yes		Yes
Change Air Filters		No								No		No
Change Pre-Air Filters		Yes								Yes		Yes
Change Belts - Fan / Water Pump		No								No		No
Check Safety Shutdowns		No								No		No
Change Converter		No								No		No
Change O2 Sensor		No								No		No
Inspect Fuel Control Valve		Yes								Yes		Yes
Clean Carburetor		No								No		No
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )		1,847								1,831		844
Engine RPM		850								850		850
(Permit Limit: _____)												
Other Notes/Corrections:				engine assessed during Quarterly Emission Screening Analysis - all systems ok				engine assessed during Quarterly Emission Screening Analysis - all systems ok				1000 hr service
<b>total engine hours runtime &gt;</b>		19,174								21,005		21,849
Operator Initials		DES		DES				DES		DES		DES
Test Converter												
Date												
Result												
Operator Initials												

**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: <b>GP2 Unit C-202</b>		Engine I.D.: <b>Waukesha F3521GL</b>											
Oil Filter No.	Plug No.: <b>RTM77N</b>	Fan Belt No. <b>N/A</b>										Oil Capacity _____ Gal.	
Engine Water Pump Belt No.	Auxiliary Water Pump <b>N/A</b>											Fan <b>N/A</b>	
Year: <b>2012</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
Date:			3/6/2012										
PM Number:			910617192										
Engine Oil Change			No										
Engine Filter Change			Yes										
Compressor Oil Change			No										
Compressor Filter Change			Yes										
Set Valves			Yes										
Change Ignition Timer			No										
Change Plugs			Yes										
Set Timing			Yes										
Change Air Filters			Yes										
Change Pre-Air Filters			Yes										
Change Belts – Fan / Water Pump			No										
Check Safety Shutdowns			No										
Change Converter			No										
Change O2 Sensor			No										
Inspect Fuel Control Valve			Yes										
Clean Carburetor			No										
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )			1,083										
Engine RPM			850										
(Permit Limit: _____)													
Other Notes/Corrections:			2000 hr service										
total engine hours runtime >													
Operator Initials	DES												
Test Converter	Date												
	Result												
	Operator Initials												

**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: <b>Waterflood 1-1</b>												
Engine I.D.: <b>White Superior 8G825</b>												
Oil Filter No. _____			Fan Belt No. <b>N/A</b>			Oil Capacity _____ Gal.			Fan <b>N/A</b>			
Engine Water Pump Belt No. <b>B-66 [4]</b>												
Auxiliary Water Pump <b>N/A</b>												
Year: <b>2011</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:				4/26/2011					9/28/2011	10/4/2011		
PM Number:												
Engine Oil Change												
Engine Filter Change												
Compressor Oil Change												
Compressor Filter Change												
Set Valves												
Change Ignition Timer												
Change Plugs												
Set Timing												
Change Air Filters												
Change Pre-Air Filters												
Change Belts - Fan / Water Pump												
Check Safety Shutdowns												
Change Converter												
Change O2 Sensor												
Inspect Fuel Control Valve												
Clean Carburetor												
Run-Time Hours Since Last Service ( <i>Permit Limit: After 2000 hours</i> )												
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:												
	Engine is being overhauled offsite	Engine is being overhauled offsite	Engine is being overhauled offsite	engine assessed during Quarterly Emission Screening Analysis - all systems ok					engine assessed during Quarterly Emission Screening Analysis - all systems ok	engine assessed during Quarterly Emission Screening Analysis - all systems ok		
<b>total engine hours runtime &gt;</b>												
Operator Initials				DES					DES	DES		
Test Converter												
Date												
Result												
Operator Initials												

**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: <b>Waterflood 1-1</b>												
Oil Filter No.	Plug No. D-14N		Fan Belt No. N/A			Engine I.D.: <b>White Superior 8G825</b>						
Engine Water Pump Belt No. <b>B-66 [4]</b>			Auxiliary Water Pump <b>N/A</b>			Fan <b>N/A</b>						
Year: <b>201</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/3/2012										
PM Number:												
Engine Oil Change												
Engine Filter Change												
Compressor Oil Change												
Compressor Filter Change												
Set Valves												
Change Ignition Timer												
Change Plugs												
Set Timing												
Change Air Filters												
Change Pre-Air Filters												
Change Belts - Fan / Water Pump												
Check Safety Shutdowns												
Change Converter												
Change O2 Sensor												
Inspect Fuel Control Valve												
Clean Carburetor												
Run-Time Hours Since Last Service ( <b>Permit Limit: After 2000 hours</b> )												
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:		engine assessed during Quarterly Emission Screening Analysis - all systems ok										
<b>total engine hours runtime &gt;</b>												
Operator Initials	DES											
Test Converter	Date											
	Result											
	Operator Initials											

**APPENDIX D  
I.C. ENGINE MAINTENANCE LOG  
AERA ENERGY LLC**

Engine Location: <b>Waterflood 1-2</b>												
Engine I.D.: <b>White Superior 8G825</b>												
Oil Filter No. _____			Plug No. <b>D-14N</b>			Fan Belt No. <b>N/A</b>			Oil Capacity _____ Gal.			
Engine Water Pump Belt No. <b>B-66 [4]</b>												
Auxiliary Water Pump <b>N/A</b>												
Fan <b>N/A</b>												
Year: <b>2011</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:				4/26/2011					9/28/2011			12/7/2011
PM Number:												910603074
Engine Oil Change												No
Engine Filter Change												Yes
Compressor Oil Change												No
Compressor Filter Change												Yes
Set Valves												Yes
Change Ignition Timer												No
Change Plugs												Yes
Set Timing												Yes
Change Air Filters												No
Change Pre-Air Filters												No
Change Belts – Fan / Water Pump												No
Check Safety Shutdowns												No
Change Converter												No
Change O2 Sensor												No
Inspect Fuel Control Valve												No
Clean Carburetor												Yes
												No
Run-Time Hours Since Last Service ( <i>Permit Limit: After 2000 hours</i> )												
Engine RPM												750
(Permit Limit: _____)												
Other Notes/Corrections:									engine assessed during Quarterly Emission Screening Analysis - all systems ok			
									engine assessed during Quarterly Emission Screening Analysis - all systems ok			1000hr service
<b>total engine hours runtime &gt;</b>												
Operator Initials									DES			DES
Test Converter												
Date												
Result												
Operator Initials												



**APPENDIX D**  
**I.C. ENGINE MAINTENANCE LOG**  
**AERA ENERGY LLC**

Engine Location: <b>Waterflood 1-2</b>	Engine I.D.: <b>White Superior 8G825</b>	Oil Capacity _____ Gal.										
Oil Filter No. _____	Plug No. <b>D-14N</b>	Fan Belt No. <b>N/A</b>										
Engine Water Pump Belt No. <b>B-66 [4]</b>	Auxiliary Water Pump <b>N/A</b>	Fan <b>N/A</b>										
Year: <b>2012</b>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/3/2012										
PM Number:												
Engine Oil Change												
Engine Filter Change												
Compressor Oil Change												
Compressor Filter Change												
Set Valves												
Change Ignition Timer												
Change Plugs												
Set Timing												
Change Air Filters												
Change Pre-Air Filters												
Change Belts – Fan / Water Pump												
Check Safety Shutdowns												
Change Converter												
Change O2 Sensor												
Inspect Fuel Control Valve												
Clean Carburetor												
Run-Time Hours Since Last Service <b>(Permit Limit: After 2000 hours)</b>												
Engine RPM												
<b>(Permit Limit: _____)</b>												
Other Notes/Corrections:												
		engine assessed during Quarterly Emission Screening Analysis - all systems ok										
<b>total engine hours runtime &gt;</b>												
Operator Initials												
Test Converter												
	Date											
	Result											
	Operator Initials											



Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Visible Smoke Checks**  
**Rule 50 Requirements**

**Central Compressor Site**

<b>Date:</b>	<b>C-101</b>	<b>C-102</b>	<b>C-103</b>	<b>Glycol Heater</b>
04/26/11	No Smoke	No Smoke	No Smoke	No Smoke
05/18/11	No Smoke	No Smoke	No Smoke	No Smoke
06/30/11	No Smoke	No Smoke	No Smoke	No Smoke
08/02/11	No Smoke	No Smoke	No Smoke	No Smoke
09/02/11	No Smoke	No Smoke	No Smoke	No Smoke
09/09/11	No Smoke	No Smoke	No Smoke	No Smoke
10/31/11	No Smoke	No Smoke	No Smoke	No Smoke
11/30/11	No Smoke	No Smoke	No Smoke	No Smoke
01/03/12	No Smoke	No Smoke	No Smoke	No Smoke
02/03/12	No Smoke	No Smoke	No Smoke	No Smoke
03/01/12	No Smoke	No Smoke	No Smoke	No Smoke
03/29/12	No Smoke	No Smoke	No Smoke	No Smoke

**Gas Plant 7**

<b>Date</b>	<b>High Pressure Flare</b>	<b>Low Pressure Flare</b>	<b>Heater 601A/602*</b>
04/29/11	No Smoke	No Smoke	No Smoke
05/27/11	No Smoke	No Smoke	No Smoke
06/29/11	No Smoke	No Smoke	No Smoke
07/31/11	No Smoke	No Smoke	No Smoke
08/21/11	No Smoke	No Smoke	No Smoke
09/28/11	No Smoke	No Smoke	No Smoke
10/27/11	No Smoke	No Smoke	No Smoke
11/24/11	No Smoke	No Smoke	No Smoke
12/20/11	No Smoke	No Smoke	No Smoke
01/20/12	No Smoke	No Smoke	No Smoke
03/01/12	No Smoke	No Smoke	No Smoke
03/26/12	No Smoke	No Smoke	No Smoke

\*Only one heater operates at a time.

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Visible Smoke Checks**  
**Rule 50 Requirements**

**Compressor Plant 2**

<b>Date</b>	<b>CP2-1</b>	<b>CP2-2</b>	<b>Taylor Flare</b>
04/27/11	No Smoke	No Smoke	No Smoke
05/24/11	No Smoke	No Smoke	No Smoke
06/23/11	No Smoke	No Smoke	No Smoke
07/08/11	No Smoke	No Smoke	No Smoke
08/03/11	No Smoke	No Smoke	No Smoke
09/09/11	No Smoke	No Smoke	No Smoke
10/27/11	No Smoke	No Smoke	No Smoke
11/08/11	No Smoke	No Smoke	No Smoke
12/07/11	No Smoke	No Smoke	No Smoke
01/05/12	No Smoke	No Smoke	No Smoke
02/09/12	No Smoke	No Smoke	No Smoke
03/29/12	No Smoke	No Smoke	No Smoke

**Gas Plant 2**

<b>Date</b>	<b>C-201</b>	<b>C-202</b>
04/20/11	No Smoke	No Smoke
05/26/11	No Smoke	No Smoke
06/17/11	No Smoke	No Smoke
07/22/11	No Smoke	No Smoke
08/05/11	No Smoke	No Smoke
09/28/11	No Smoke	No Smoke
10/27/11	No Smoke	No Smoke
11/29/11	No Smoke	No Smoke
12/02/11	No Smoke	No Smoke
01/03/12	No Smoke	No Smoke
02/01/12	No Smoke	No Smoke
03/01/12	No Smoke	No Smoke

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Visible Smoke Checks**  
**Rule 50 Requirements**

**Water Flood 1**

<b>Date</b>	<b>WF1-1</b>	<b>WF1-2</b>
04/25/11	No Smoke	No Smoke
05/11/11	No Smoke	No Smoke
06/13/11	No Smoke	No Smoke
07/23/11	No Smoke	No Smoke
09/01/11	No Smoke	No Smoke
10/03/11	No Smoke	No Smoke
10/31/11	No Smoke	No Smoke
12/01/11	No Smoke	No Smoke
12/21/11	No Smoke	No Smoke
01/31/12	No Smoke	No Smoke
02/06/12	No Smoke	No Smoke
03/30/12	No Smoke	No Smoke

**VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT  
AERA ENERGY LLC  
Ventura Avenue Field  
Permit to Operate No. 0041  
NG Flare Throughput-Consumption**

**Gas Plant No. 7**

Month	1050 – MMBTU per Hour Lloyd Flare MCF	205 - MMBTU per Hour Lloyd Flare MCF	Month Total MCF	12-Month Total Flare Volume MCF*
April 2011	837	462	1,299	28,212
May 2011	1,672	1,892	3,564	30,072
June 2011	5,647	1,796	7,443	34,551
July 2011	2,380	754	3,134	35,895
August 2011	881	640	1,521	36,243
September 2011	1,198	685	1,883	36,224
October 2011	2,293	492	2,785	33,762
November 2011	965	455	1,420	33,737
December 2011	6,910	745	7,655	36,199
January 2012	962	545	1,507	35,534
February 2012	990	427	1,417	35,149
March 2012	1,308	640	1,948	35,576

\*Limit: 86.5 MMCF/Yr Flaring not due to breakdown conditions is included in volume subject to the permit limit.

**Taylor Lease - NG Flare**

Month & Year	Kaldair Low-Pressure Flare MCF	12-Month Total Flare Volume MCF*
April 2011	0	4,842
May 2011	0	4,842
June 2011	1,812	6,654
July 2011	18	6,672
August 2011	0	6,672
September 2011	0	6,672
October 2011	59	5,460
November 2011	0	4,361
December 2011	172	3,771
January 2012	25	2,144
February 2012	322	2,466
March 2012	37	2,445

\*Limit: 104 MMCF/Yr  
Flaring not due to breakdown conditions is included in volume subject to the permit limit.

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field**  
**Solids Injection Tanks Throughput-Consumption**

Central Solids Tank, WWSI-T403

Reporting Period		Liquid Throughput in Barrels	
Month & Year		CWTP Solids Tank Bbl / Month	12-Month Total Solids Tank Bbl*
2011	April	15,153	391,559
2011	May	16,636	365,940
2011	June	21,186	347,327
2011	July	5,884	313,290
2011	August	6,893	276,740
2011	September	13,798	249,020
2011	October	12,000	239,367
2011	November	16,426	225,065
2011	December	17,822	219,749
2012	January	22,489	212,465
2012	February	13,482	200,520
2012	March	6,330	168,099

\*Limit: 1,277.5MBBL/Yr.

Lloyd Solids Tank, TWSI-T001

Month & Year		Lloyd Lease Solids Tank Bbl / Month	12-Month Total Solids Tank Bbl*
2011	April	56,312	715,766
2011	May	54,412	701,956
2011	June	54,164	692,237
2011	July	51,135	681,327
2011	August	56,626	672,431
2011	September	53,957	667,625
2011	October	64,333	667,932
2011	November	61,105	678,972
2011	December	50,793	669,581
2012	January	60,521	664,060
2012	February	62,500	667,798
2012	March	66,470	692,328

\*Limit: 1,825 MBBL/Yr

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
 Permit to Operate No. 0041  
 Ventura Avenue Field  
 2-500 BBL Lloyd Waste Fluids/Solids Storage Tanks  
 Throughput-Consumption

Month & Year		BBL / Month	12-Month Total BBL *
2011	April	56,312	715,766
2011	May	54,412	701,956
2011	June	54,164	692,237
2011	July	51,135	681,327
2011	August	56,626	672,431
2011	September	53,957	667,625
2011	October	64,333	667,932
2011	November	61,105	678,972
2011	December	50,793	669,581
2012	January	60,521	664,060
2012	February	62,500	667,798
2012	March	66,470	692,328

\*Limit: 1,825 MBBL/Yr

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field - East**  
**Santa Maria COST TOLD-T003**  
**Storage Tank Throughput-Consumption**

Reporting Period	Liquid Throughput in Barrels	
Month & Year	Bbl / Month	Bbl / 12 Months*
April 2011	0	0
May 2011	0	0
June 2011	0	0
July 2011	0	0
August 2011	0	0
September 2011	0	0
October 2011	0	0
November 2011	0	0
December 2011	0	0
January 2012	0	0
February 2012	0	0
March 2012	0	0

THIS TANK WAS REMOVED BUT REMAINED ON THE PERMITTED EQUIPMENT LIST DURING A PORTION OF THIS CERTIFICATION PERIOD

\*Limit 900 MBBL/Yr



Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – East**  
**Lloyd Corporation Lease – Central Compressor Site**  
**Internal Combustion Engines - NG Fuel Consumption**

Reporting Period Month & Year	1108-BHP Waukesha NG Engine L7042GL C-101		1108-BHP Waukesha NG Engine L7042GL C-102		1108-BHP Waukesha NG Engine L7042GL C-103		All Three Engines Cumulative Totals MCF
	Meter No. 101 MCF	12-Month Total MCF	Meter No. 102 MCF	12-Month Total MCF	Meter No. 103 MCF	12-Month Total MCF	
April 2011	0	25,179	4,126	31,477	4,496	44,893	101,549
May 2011	0	22,677	4,289	33,354	4,358	45,653	101,684
June 2011	1,069	22,066	3,466	33,886	3,967	45,989	101,941
July 2011	3,644	22,868	2,810	34,162	1,880	44,546	101,576
August 2011	4,366	24,393	3,353	35,204	1,210	42,221	101,818
September 2011	3,922	26,457	2,387	34,370	2,654	41,445	102,272
October 2011	4,143	27,079	2,562	36,561	2,235	39,837	103,477
November 2011	2,684	28,874	1,789	34,983	2,626	38,156	102,013
December 2011	3,199	28,958	988	34,646	528	34,928	98,532
January 2012	3,630	30,741	823	32,096	205	31,292	94,129
February 2012	2,226	30,105	972	31,144	1,036	28,771	90,020
March 2012	156	29,039	1,017	28,582	3,696	28,891	86,512

Limit: 227.4 MMCF/yr

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – East**  
**Lloyd Lease – Gas Plant No. 2**  
**Internal Combustion Engines - NG Fuel Consumption**

Month & Year	201 MCF	12-Month Total MCF	202 MCF	12-Month Total MCF	Combined 12-Month Total MCF*
April 2011	1,900	22,927	973	10,246	33,173
May 2011	2,765	22,849	179	10,352	33,201
June 2011	2,212	22,442	676	10,764	33,206
July 2011	1,844	23,554	1,198	9,792	33,346
August 2011	1,587	24,753	1,475	9,707	34,460
September 2011	1,908	25,917	1,009	8,984	34,901
October 2011	1,323	24,529	1,586	10,432	34,961
November 2011	1,466	23,353	1,302	11,552	34,905
December 2011	1,024	22,062	2,074	12,987	35,049
January 2012	1,775	21,227	1,183	13,814	35,041
February 2012	1,568	20,878	1,353	14,377	35,255
March 2012	1,295	20,667	2,039	15,047	35,714

\*Limit: 100.2 MMCF/Yr

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – Central**  
**Taylor Lease – Compressor Plant No. 2**  
**Internal Combustion Engines - NG Fuel Consumption**

Reporting Period	748-BHP Rich-Burn Waukesha NG Engine L579OGU CP2-1		748-BHP Rich-Burn Waukesha NG Engine L579OGU CP2-2		Both Engines
	Meter No. 64 MCF	12-Month Total MCF	Meter No. 68 MCF	12-Month Total MCF	Cumulative Totals MCF*
April 2011	2,206	19,932	1,019	20,909	40,841
May 2011	979	18,516	2,277	20,470	38,986
June 2011	917	16,713	1,886	20,482	37,195
July 2011	1,739	14,754	1,414	21,769	36,523
August 2011	1,474	15,165	1,695	21,459	36,624
September 2011	3,379	16,248	0	20,723	36,971
October 2011	3,235	19,448	0	17,813	37,261
November 2011	3,082	19,695	0	17,767	37,462
December 2011	3,109	21,159	347	16,627	37,786
January 2012	5	21,160	2,722	16,208	37,368
February 2012	1,456	22,613	1,343	14,826	37,439
March 2012	14	21,595	3,219	15,922	37,517

\*Limit: 48.0 MMCF/Yr.

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – Central**  
**Taylor Lease – Waterflood Plant No.1**  
**Internal Combustion Engines - NG Fuel Consumption**

Reporting Period	625-BHP Rich-Burn White NG Engine 8G825 WF1-1		625-BHP Rich-Burn White NG Engine 8G825 WF1-2		Both Engines
	Meter No. 115 MCF	12-Month Total MCF	Meter No. 116 MCF	12-Month Total MCF	Cumulative Totals MCF*
April 2011	752	8,593	692	10,040	18,633
May 2011	1,646	10,239	1,496	11,536	21,775
June 2011	1,369	10,944	1,211	12,113	23,057
July 2011	2,505	11,112	2,183	11,852	22,964
August 2011	0	8,659	0	8,920	17,579
September 2011	291	6,567	276	6,652	13,219
October 2011	3,379	9,946	3,118	9,738	19,684
November 2011	2,347	12,293	2,279	11,274	23,567
December 2011	654	12,947	651	11,906	24,853
January 2012	716	13,663	824	12,730	26,393
February 2012	3,579	17,238	3,521	16,251	33,489
March 2012	3,804	21,042	3,480	19,731	40,773

\*Limit: 104.2 MMCF/Yr

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – East**  
**Lloyd Lease - Gas Plant No. 7**  
**Process Heaters – NG Fuel Consumption**

Reporting Period	14.33-MMBTU/Hour BYIS Heater No. 601A		14.25-MMBTU/Hour Wheco Heater No. 602 SN: WJ-81-009	
Month & Year	Meter No. 761 MCF	12-Month Total MCF*	Meter No. 762 MCF	12-Month Total MCF*
April 2011	3,257	41,136	0	1,038
May 2011	3,409	40,713	131	1,043
June 2011	2,916	40,144	283	1,244
July 2011	3,593	40,194	0	1,215
August 2011	3,584	40,149	0	1,215
September 2011	3,004	39,955	556	1,464
October 2011	3,782	40,506	0	1,046
November 2011	3,720	40,719	117	1,163
December 2011	3,831	40,821	8	1,171
January 2012	3,757	41,050	0	1,171
February 2012	3,291	41,119	333	1,504
March 2012	3,792	41,936	0	1,428

\*Limits:

120.7 MMCF/Yr for Heater 601A  
78.9 MMCF/Yr for Heater 602

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field - East**  
**Lloyd Lease Crude Oil Loading Facility**  
**Storage Tank Throughput-Consumption**

Reporting Period		Liquid Throughput in Barrels	
Month & Year		Lloyd Lease Crude Oil Loading BBL	12-Month Total Crude Oil Loading BBL*
2011	April	0	0
2011	May	0	0
2011	June	0	0
2011	July	0	0
2011	August	0	0
2011	September	0	0
2011	October	0	0
2011	November	0	0
2011	December	0	0
2012	January	0	0
2012	February	0	0
2012	March	0	0

THIS FACILITY WAS DESIGNATED AS OUT OF SERVICE DURING THIS CERTIFICATION PERIOD

\*Limit: 900 MBBL/Yr

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – East**  
**Gas Plant 6**  
**LPG Loading Facility**  
**Throughput-Consumption**

Month & Year	LPG Throughput Gallons	12-Month Total LPG Throughput Gallons*
April 2011	1,111,566	14,975,502
May 2011	1,226,988	14,945,710
June 2011	1,125,233	14,705,260
July 2011	1,153,614	14,552,706
August 2011	1,332,220	14,472,448
September 2011	1,241,129	14,422,344
October 2011	1,193,508	14,366,604
November 2011	1,183,399	14,271,288
December 2011	1,148,650	14,200,444
January 2012	1,210,948	14,243,690
February 2012	1,083,878	14,261,467
March 2012	1,193,274	14,204,407

\*Limit: 40 MMGal/Yr



Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field**  
**Filter Aid Throughput-Consumption**

Water Flood Plant 4                      \*Limit: 1,100 TPY

Reporting Period	Filter Aid Throughput	
Month & Year	WFP #4 Filter Aid Tons per Month	12-Month Total Filter Aid Tons per Year*
April 2011	48	579
May 2011	61	604
June 2011	71	627
July 2011	72	648
August 2011	95	696
September 2011	76	724
October 2011	81	756
November 2011	88	785
December 2011	87	824
January 2012	74	851
February 2012	85	887
March 2012	74	912

Hartman Water Flood Plant    \*Limit: 867 TPY

Reporting Period	Filter Aid Throughput	
Month & Year	Hartman Filter Aid Tons per Month	12-Month Total Filter Aid Tons per Year*
April 2011	28	326
May 2011	28	325
June 2011	28	326
July 2011	27	324
August 2011	29	339
September 2011	29	340
October 2011	14	326
November 2011	14	311
December 2011	26	309
January 2012	16	297
February 2012	30	298
March 2012	29	298

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field – Central**  
**Taylor Lease**  
**Mixing Pit Use**  
**Hours of Operation**

Reporting Period	Monthly Operation	
Month & Year	Total Hours of Operation	12-Month Total*
April 2011	73.5	699.00
May 2011	88.8	730.75
June 2011	68.0	749.75
July 2011	39.0	748.75
August 2011	45.0	738.25
September 2011	15.5	698.25
October 2011	16.5	631.25
November 2011	38.5	619.75
December 2011	36.5	604.25
January 2012	30.5	570.75
February 2012	33.0	557.25
March 2012	29.0	513.75

\*Limit: 12 Hrs/day and 1440 Hrs/year

Ventura County Air Pollution Control District  
**AERA ENERGY LLC**  
**Permit to Operate No. 0041**  
**Ventura Avenue Field - East**  
**Lloyd Lease Emergency Bowl**

Reporting Period	Days of Operation	
Month & Year	Emergency Bowl Days	12-Month Total Days/year*
April 2011	0	0
May 2011	0	0
June 2011	0	0
July 2011	0	0
August 2011	0	0
September 2011	0	0
October 2011	0	0
November 2011	0	0
December 2011	0	0
January 2012	0	0
February 2012	0	0
March 2012	0	0

\*Limit: 20 Days/year

# AEROS ENVIRONMENTAL, INC.

## Summary Of Results

Aera Energy LLC  
 Taylor Lease (Compressor Plant No. 2)  
 IC Engine CP 2-2

Project 010-7406A  
 May 17, 2011

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	34.7	9.8	0.15	0.0358	37.94	
	34.3	9.7	0.16	0.0354	37.44	
	33.9	9.6	0.15	0.0350	37.04	
<i>Mean</i>	<b>34.3</b>	<b>9.7</b>	<b>0.15</b>	<b>0.0354</b>	<b>37.47</b>	<b>25 ppm @ 15% O<sub>2</sub></b>
CO	3370	952	8.98	2.1167	2241.59	
	3315	937	9.15	2.0824	2205.21	
	3664	1036	10.19	2.3016	2437.36	
<i>Mean</i>	<b>3449</b>	<b>975</b>	<b>9.44</b>	<b>2.1669</b>	<b>2294.72</b>	<b>4500 ppm @ 15% O<sub>2</sub></b>
ROC C <sub>3</sub> -C <sub>6</sub> + as C <sub>7</sub>	14.6	4.1	0.02	0.005	5.56	
	13.4	3.8	0.02	0.005	5.11	
	11.3	3.2	0.02	0.004	4.31	
<i>Mean</i>	<b>13.1</b>	<b>3.7</b>	<b>0.02</b>	<b>0.005</b>	<b>4.99</b>	<b>250 ppm @ 15% O<sub>2</sub></b>
Comments: _____						

# AEROS ENVIRONMENTAL, INC.

## Summary Of Results

Aera Energy LLC  
 Taylor Lease (Compressor Plant No. 2)  
 IC Engine CP 2-1

Project 010-7406A  
 May 18, 2011

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	0.0	0.0	0.00	0.0000	0.00	
	0.0	0.0	0.00	0.0000	0.00	
	0.0	0.0	0.00	0.0000	0.00	
<i>Mean</i>	<b>0.0</b>	<b>0.0</b>	<b>0.00</b>	<b>0.0000</b>	<b>0.00</b>	<b>25 ppm @ 15% O<sub>2</sub></b>
CO	6	2	0.02	0.0036	3.83	
	6	2	0.02	0.0036	3.76	
	5	1	0.02	0.0033	3.50	
<i>Mean</i>	<b>6</b>	<b>2</b>	<b>0.02</b>	<b>0.0035</b>	<b>3.70</b>	<b>4500 ppm @ 15% O<sub>2</sub></b>
ROC C <sub>3</sub> -C <sub>8</sub> + as C <sub>1</sub>	4.9	1.4	0.01	0.002	1.86	
	2.8	0.8	0.00	0.001	1.08	
	2.9	0.8	0.00	0.001	1.09	
<i>Mean</i>	<b>3.5</b>	<b>1.0</b>	<b>0.01</b>	<b>0.001</b>	<b>1.34</b>	<b>250 ppm @ 15% O<sub>2</sub></b>
Comments: _____						

# AEROS ENVIRONMENTAL, INC.

## Summary Of Results

Aera Energy LLC  
 Lloyd Corporation Lease (Central Plant)  
 IC Engine C-102

Project 010-7406A  
 May 18, 2011

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	51.8	29.8	0.64	0.1088	114.53	
	61.3	34.6	0.81	0.1263	132.95	
	42.3	24.8	0.58	0.0907	95.48	
<i>Mean</i>	<b>51.8</b>	<b>29.7</b>	<b>0.68</b>	<b>0.1086</b>	<b>114.32</b>	<b>45 ppm @ 15% O<sub>2</sub></b>
CO	519	298	3.91	0.6633	698.45	
	516	291	4.18	0.6469	681.19	
	532	312	4.49	0.6942	730.99	
<i>Mean</i>	<b>522</b>	<b>300</b>	<b>4.19</b>	<b>0.6681</b>	<b>703.54</b>	<b>4500 ppm @ 15% O<sub>2</sub></b>
ROC C <sub>3</sub> -C <sub>6</sub> + as C <sub>7</sub>	174.5	100.4	0.75	0.128	134.79	
	152.5	86.0	0.71	0.110	115.83	
	151.1	88.7	0.73	0.113	118.99	
<i>Mean</i>	<b>159.4</b>	<b>91.7</b>	<b>0.73</b>	<b>0.117</b>	<b>123.20</b>	<b>750 ppm @ 15% O<sub>2</sub></b>
Comments: _____						

# AEROS ENVIRONMENTAL, INC.

## Summary Of Results

Aera Energy LLC  
 Lloyd Corporation Lease (Central Plant)  
 IC Engine C-103

Project 010-7406A  
 May 18, 2011

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	51.1	31.6	0.83	0.1154	121.51	
	48.2	29.7	0.78	0.1085	114.26	
	48.6	29.9	0.77	0.1092	114.97	
<i>Mean</i>	<b>49.3</b>	<b>30.4</b>	<b>0.79</b>	<b>0.1110</b>	<b>116.91</b>	<b>45 ppm @ 15% O<sub>2</sub></b>
CO	516	319	5.11	0.7093	746.89	
	518	319	5.15	0.7098	747.42	
	517	318	5.04	0.7070	744.47	
<i>Mean</i>	<b>517</b>	<b>319</b>	<b>5.10</b>	<b>0.7087</b>	<b>746.26</b>	<b>4500 ppm @ 15% O<sub>2</sub></b>
ROC C <sub>3</sub> -C <sub>6</sub> + as C <sub>1</sub>	142.2	88.0	0.81	0.111	116.88	
	154.0	95.0	0.88	0.121	127.41	
	168.6	103.7	0.94	0.132	138.99	
<i>Mean</i>	<b>154.9</b>	<b>95.6</b>	<b>0.88</b>	<b>0.121</b>	<b>127.76</b>	<b>750 ppm @ 15% O<sub>2</sub></b>
<b>Comments:</b> _____						



# AEROS ENVIRONMENTAL, INC.

## Summary Of Results

Aera Energy LLC  
 Lloyd Corporation Lease (Central Plant)  
 IC Engine C-101

Project 010-7406B  
 June 30, 2011

Pollutant	ppm	ppm @ 15% O <sub>2</sub>	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	34	20	0.50	0.0743	76.74	
	35	21	0.51	0.0765	79.07	
	36	21	0.52	0.0781	80.71	
<i>Mean</i>	<b>35</b>	<b>21</b>	<b>0.51</b>	<b>0.0763</b>	<b>78.84</b>	<b>45 ppm @ 15% O<sub>2</sub></b>
CO	572	343	5.13	0.7630	788.18	
	565	338	5.03	0.7521	776.92	
	564	337	4.98	0.7493	774.03	
<i>Mean</i>	<b>567</b>	<b>339</b>	<b>5.05</b>	<b>0.7548</b>	<b>779.71</b>	<b>4500 ppm @ 15% O<sub>2</sub></b>
ROC C <sub>3</sub> -C <sub>6</sub> + as C <sub>7</sub>	186.5	111.9	0.96	0.142	146.68	
	187.2	112.1	0.95	0.143	147.73	
	194.6	116.4	0.98	0.148	152.89	
<i>Mean</i>	<b>189.4</b>	<b>113.5</b>	<b>0.96</b>	<b>0.144</b>	<b>149.10</b>	<b>750 ppm @ 15% O<sub>2</sub></b>
Comments: _____						

# AEROS ENVIRONMENTAL, INC.

## Summary Of Results

Aera Energy LLC  
 Gas Plant 7  
 Wheco Heater No. 602, Retest

Project 010-7682  
 February 16, 2012  
 ATC No. 0041

Pollutant	%	ppm	ppm @ 3% O <sub>2</sub>	lb/hr	lb/MMCF	Permit Limits
NOx		31	33	0.31	41.43	
		31	33	0.31	41.46	
		31	33	0.31	41.33	
<b>Mean</b>		<b>31</b>	<b>33</b>	<b>0.31</b>	<b>41.41</b>	<b>40 ppm @ 3% O<sub>2</sub></b>
CO		205	214	1.24	166.25	
		197	206	1.19	159.86	
		201	210	1.21	163.10	
<b>Mean</b>		<b>201</b>	<b>210</b>	<b>1.21</b>	<b>163.07</b>	<b>400 ppm @ 3% O<sub>2</sub></b>
O <sub>2</sub>	3.79					
	3.80					
	3.80					
<b>Mean</b>	<b>3.80</b>					
<b>Comments:</b> _____						

Order 910587153 PREV Preventative Maintenance  
 Description VN-APCD RULE 64 REQUIREMENTS GAS PLANT 7  
 Start /End date 09/29/2011 - 03/27/2012  
 Priority 4 - 1 to 6 months  
 Status REL MANC NMAT PRC SETC

Func Location VN.F.GPLT7  
 Gas Plant 7

Superior Equipment  
 Equipment  
 Assembly

Location Room  
 Maint Plan Grp VNG/VN00 Ventura Gas Proc  
 Main Work Ctr MC206262 VN00

Notification Entered by  
 Object Part /  
 Damage /  
 Text  
 Cause /  
 Cause Text

---

VN-APCD RULE 64 REQUIREMENTS GAS PLANT 7  
 \*\*\*\*\*  
 THE FOLLOWING INFORMATION IS REQUIRED ON THIS PREV ORDER  
 COMPLETED BY: MDC DATE:3/21/2012  
 AS FOUND:  
 AS LEFT: 0 H2S detected  
 GIVE THIS COMPLETED ORDER TO THE ON DUTY OPERATOR  
 TO BE FILED IN THE EQUIPMENT FILES LOCATED AT PLANT 7  
 \*\*\*\*\*

---

Operation	0010			ANALYZE FUEL GAS ANNUALLY		
Work center	OPER	VN00	Operator, RS			
	3258274					
Work	2.0	HR	Number	1	Actual Hours	_____

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ANALYZE FUEL GAS ANNUALLY

GENERAL REQUIREMENTS FOR GAS PLANT 7:

ANNUALLY ANALYZE FUEL GAS USING ASTM D 4810-88 (Drager tube H2S content):

If Draeger Tube indicates equal to or greater than 200ppm H2S, the person conducting the test is required to notify the CAS so test method (South Coast AQMD Method 307 or ASTM D1072) can be run.

Retention CY+5  
 SOE Element 7  
 Retention Schedule 184  
 Insite Class ID 2198

REF:  
 PROCEDURE VEN-VNG-014 DRAEGER TUBE H2S TESTING

SEE ON COASTAL PROCEDURES HOME PAGE:  
 //Bkcall02/retention/Coastal/SystemofOperatingExcellence\Element 5 - Facility Design Operation and Maintenance\Procedures Ventura\Gas Plant

3/23/2012  
 10:00 AM  
 10:00 AM

*End of report*

Order 910554301 PREV Preventative Maintenance  
 Description VN-APCD RULE 71.4 WF1 V127 SUMP YRLY  
 Start /End date 03/27/2011 - 05/31/2011  
 Priority 3 - 15 to 33 Days  
 Status TECO MANC NMAT PRC SETC

Func Location VN.W.CWFP1.GN.VWP1-S001  
 Waterflood 1 Concrete Pit Setting V-127

Superior Equipment  
 Equipment 1112163 Waterflood 1 Concrete Pit V127

Assembly  
 Location Room  
 Maint Plan Grp VNP/VN00 Ventura Plants  
 Main Work Ctr MG820403 VN00

Notification Entered by  
 Object Part /  
 Damage /  
 Text  
 Cause /  
 Cause Text

**Operation 0020 ROC ANALYSIS ANNUAL**  
 Work center CAS VN00 Aera Compliance Assurance Specialist  
 3109748  
 Work 1.0 HR Number 0 Actual Hours \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ROC ANALYSIS ANNUAL

PIT (V127):

ANNUALLY SAMPLE INFUEMENT TO PIT AND ANALYZE FOR ROC BY  
 EPA METHOD 8015 AND 5030. CONTACT BC LABORATORIES:  
 PHONE; 661 327-4911

Date of Report: 12/19/2011


Mark Griffin

Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

Project: Annual Sampling  
BC Work Order: 1120201  
Invoice ID: B113412

Enclosed are the results of analyses for samples received by the laboratory on 12/8/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Linda Phoudamneun  
Client Service Rep



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014



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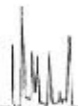
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Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

**Reported:** 12/19/2011 14:09  
**Project:** Annual Sampling  
**Project Number:** [none]  
**Project Manager:** Mark Griffin

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1120201-01	<b>COC Number:</b>	---	<b>Receive Date:</b>	12/08/2011 18:00
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	12/08/2011 12:00
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	Pit V127	<b>Lab Matrix:</b>	Water
	<b>Sampled By:</b>	---	<b>Sample Type:</b>	Water
1120201-02	<b>COC Number:</b>	---	<b>Receive Date:</b>	12/08/2011 18:00
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	12/08/2011 12:00
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	tb	<b>Lab Matrix:</b>	Water
	<b>Sampled By:</b>	---	<b>Sample Type:</b>	Trip Blank



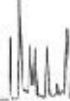
Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

**Reported:** 12/19/2011 14:09  
**Project:** Annual Sampling  
**Project Number:** [none]  
**Project Manager:** Mark Griffin

### Purgeable Aromatics and Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 1120201-01	<b>Client Sample Name:</b> Pit V127, 12/8/2011 12:00:00PM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	300	ug/L	50	5.0	Luft	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	117	%	70 - 130 (LCL - UCL)		Luft			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft	12/15/11	12/15/11 18:24	jjh	GC-V4	1	BUL1025



Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

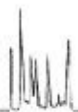
Reported: 12/19/2011 14:09  
Project: Annual Sampling  
Project Number: [none]  
Project Manager: Mark Griffin

### Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1120201-02 Client Sample Name: tb, 12/8/2011 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	5.0	Luft	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	117	%	70 - 130 (LCL - UCL)		Luft			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft	12/15/11	12/15/11 15:30	jjh	GC-V4	1	BUL1025



Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

**Reported:** 12/19/2011 14:09  
**Project:** Annual Sampling  
**Project Number:** [none]  
**Project Manager:** Mark Griffin

## Purgeable Aromatics and Total Petroleum Hydrocarbons

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: BUL1025</b>						
Gasoline Range Organics (C4 - C12)	BUL1025-BLK1	ND	ug/L	50	5.0	
a,a,a-Trifluorotoluene (FID Surrogate)	BUL1025-BLK1	95.7	%	70 - 130 (LCL - UCL)		



Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

Reported: 12/19/2011 14:09  
Project: Annual Sampling  
Project Number: [none]  
Project Manager: Mark Griffin

## Purgeable Aromatics and Total Petroleum Hydrocarbons Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
<b>QC Batch ID: BUL1025</b>											
Gasoline Range Organics (C4 - C12)	BUL1025-BS1	LCS	934.74	1000.0	ug/L	93.5		85 - 115			
a,a,a-Trifluorotoluene (FID Surrogate)	BUL1025-BS1	LCS	40.546	40.000	ug/L	101		70 - 130			



Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

Reported: 12/19/2011 14:09  
Project: Annual Sampling  
Project Number: [none]  
Project Manager: Mark Griffin

## Purgeable Aromatics and Total Petroleum Hydrocarbons Quality Control Report - Precision & Accuracy

Constituent	Source Type	Source Sample ID	Source Result	Result	Spike Added	Units	Percent RPD	Percent Recovery	Control Limits		
									RPD	Percent Recovery	Lab
<b>QC Batch ID: BUL1025</b>		Used client sample: N									
Gasoline Range Organics (C4 - C12)	MS	1119798-20	ND	920.86	1000.0	ug/L		92.1		70 - 130	
	MSD	1119798-20	ND	956.38	1000.0	ug/L	3.8	95.6	20	70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1119798-20	ND	39.820	40.000	ug/L		99.6		70 - 130	
	MSD	1119798-20	ND	40.916	40.000	ug/L	2.7	102		70 - 130	



Aera Energy  
3382 North Ventura Ave  
Ventura, CA 93001

**Reported:** 12/19/2011 14:09  
**Project:** Annual Sampling  
**Project Number:** [none]  
**Project Manager:** Mark Griffin

**Notes And Definitions**

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference





Submission #: 11-20201

SHIPPING INFORMATION

Federal Express  UPS  Hand Delivery   
 BC Lab Field Service  Other  (Specify) \_\_\_\_\_

SHIPPING CONTAINER

Ice Chest  None   
 Box  Other  (Specify) \_\_\_\_\_

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals Ice Chest  Containers  None  Comments: \_\_\_\_\_  
 Intact? Yes  No  Intact? Yes  No

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received  
 YES  NO

Emissivity: .97 Container: VOA Thermometer ID: 177  
 Temperature: A 5.8 °C / C 5.8 °C

Date/Time 12-8-11 18:00  
 Analyst Init KLO

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A13	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: JNW Date/Time: 12-8-11 2009

A = Actual / C = Corrected