



May 11, 2015

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, 2014
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, 2014 through March 31, 2015 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
Environmental Advisor

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

RECEIVED
VENTURA COUNTY
APCD
MAY 12 PM 4:30

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

**VENTURA COUNTY
AIR POLLUTION CONTROL DISTRICT
PERMIT NO. 00041**

**AERA ENERGY LLC
VENTURA AVENUE PERMIT
APRIL 1, 2014 – MARCH 31, 2015**

MAY 11, 2015



**AERA ENERGY LLC
3382 N. VENTURA AVENUE
VENTURA, CALIFORNIA 93001-1237**



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:
Title:	Vice President - Operations	11 May '15

Time Period Covered by Compliance Certification
<u>04/01/14</u> (MM/DD/YY) to <u>03/31/15</u> (MM/DD/YY)



**ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM**

Period Covered by Compliance Certification: 04/01/14 (MM/DD/YY) to 03/31/15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Rule: 71.1.C Rule Condition No: 1</p>	<p>B. Equipment Description: FACILITY-WIDE REQUIREMENTS</p>	<p>C. Deviation Period: Date & Time Begin: 4/14/2014 12:38:00PM End: 4/14/2014 1:05:00PM When Discovered: 4/14/2014 12:38:00PM</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 fault occurred in the UPS which led to a PLC failure, causing the vapor recovery control valves to close for four tanks at the River Bottom Production Area (D&N).</p>		<p>H. Corrective actions taken: The UPS was replaced, allowing vapor recovery to be restored.</p>

<p>A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1</p>	<p>B. Equipment Description: 5000 bbl FWKO/Wash Tank (TOLD-T330A) VR</p>	<p>C. Deviation Period: Date & Time Begin: 5/7/2014 1:20:00PM End: 5/8/2014 12:30:00PM When Discovered: 5/7/2014 1:20:00PM</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 gasket/seals inside the Varec on wash tank T-330A were corroded which caused the leakage.</p>		<p>H. Corrective actions taken: The internal Varec gasket/seals were replaced which corrected the leak.</p>

<p>A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1</p>	<p>B. Equipment Description: 8000 bbl LACT Tank (VORD-T026A) VR</p>	<p>C. Deviation Period: Date & Time Begin: 6/6/2014 11:00:00AM End: 6/7/2014 10:45:00AM When Discovered: 6/6/2014 11:00:00AM</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 gasket/seals inside the Varec on LACT tank (T-026A) were corroded with iron sulfide.</p>		<p>H. Corrective actions taken: The internal Varec gasket/seals were replaced which corrected the leak.</p>



**ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM**

Period Covered by Compliance Certification: 04/01/14 (MM/DD/YY) to 03/31/15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Rule: 71.1.C Rule Condition No: 1</p>	<p>B. Equipment Description: FACILITY-WIDE REQUIREMENTS</p>	<p>C. Deviation Period: Date & Time Begin: 9/16/2014 2:30:00PM End: 9/16/2014 2:43:00PM When Discovered: 9/16/2014 2:30:00PM</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: While the primary vapor recovery compressor was being serviced for routine maintenance, the backup compressor went down due to instrumentation failure, causing tanks T-310A and T-320A to vent.</p>		<p>H. Corrective actions taken: The vapor recovery compressors were repaired and returned to normal operating condition.</p>

<p>A. Attachment # or Permit Condition #: Rule: 71.5N1 Rule Condition No: 1</p>	<p>B. Equipment Description: Glycol Dehydrator System (16.1 MMSCFD/Triethylene Glycol) 1 - Glycol Dehydrator Vent VR</p>	<p>C. Deviation Period: Date & Time Begin: 11/16/2014 1:38:00PM End: 11/17/2014 11:43:00AM When Discovered: 11/17/2014 11:43:00AM</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: An unknown electronic communication glitch caused the VRU compressors for the Central Compressor Site glycol dehydrator to go down without alarms being paged out.</p>		<p>H. Corrective actions taken: The VRU compressors were manually restarted as soon as it was discovered that they were offline.</p>

<p>A. Attachment # or Permit Condition #: Rule: 71.5N1 Rule Condition No: 1</p>	<p>B. Equipment Description: Glycol Dehydrator System (16.1 MMSCFD/Triethylene Glycol) 1 - Glycol Dehydrator Vent VR</p>	<p>C. Deviation Period: Date & Time Begin: 12/12/2014 1:09:00AM End: 12/12/2014 3:34:00AM When Discovered: 12/12/2014 1:09:00AM</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: During a rainstorm, an internal power failure caused the VRU compressors for the Central Compressor Site glycol dehydrator to go down.</p>		<p>H. Corrective actions taken: Power was restored and the VRU compressors resumed normal operation.</p>



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/14 (MM/DD/YY) to 03/31/15 (MM/DD/YY)

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 1- 1000 BBL PWT Overflow Tank (VWCP-T100) VR	C. Deviation Period: Date & Time Begin: 12/18/2014 2:00:00PM End: 12/19/2014 11:00:00AM When Discovered: 12/18/2014 2:00:00PM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: The Varec on the 1,000 bbl produced water tank (T100) was leaking due to a mechanical defect.		H. Corrective actions taken: The Varec was replaced and retested within 24 hours which resolved the leak.

A. Attachment # or Permit Condition #: Rule: 40CFR70 Rule Condition No: 3	B. Equipment Description: FACILITY-WIDE REQUIREMENTS	C. Deviation Period: Date & Time Begin: 12/18/2014 6:01:00PM End: 12/29/2014 10:45:00AM When Discovered: 12/29/2014 9:30:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: Proper reporting to the District of a leaking Varec on 1,000 bbl produced water tank (T100) did not occur due to a communication breakdown.		H. Corrective actions taken: Deviation and breakdown reporting process will be reviewed and potentially revised.

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 1- 4000 BBL PWT Pre-Wemco Tank (VWCP-T400) VR	C. Deviation Period: Date & Time Begin: 3/11/2015 10:30:00AM End: 3/12/2015 10:00:00AM When Discovered: 3/11/2015 10:30:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: The leak on the 4000 bbl (T-400) tank was caused by a corroded seal on the blow out hatch.		H. Corrective actions taken: The hatch seal was replaced.



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 1 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
Equipment: FACILITY-WIDE REQUIREMENTS Revised on 4/1/2014				
40CFR60 0000 Cond 1	In Compliance	Continuous	Reference Condition	
40CFR60 0000 Cond 2	In Compliance	Continuous	Reference Condition	
40CFR60 0000 Cond 3	In Compliance	Continuous	Reference Condition	
40CFR60 0000 Cond 4	In Compliance	Continuous	Reference Condition	
40CFR60 0000 Cond 5	In Compliance	Continuous	Reference Condition	
40CFR60 0000 Cond 6	In Compliance	Continuous	Reference Condition	
40CFR60 0000 Cond 7	In Compliance	Continuous	Reference Condition	
40CFR61 Cond 1	In Compliance	Continuous	Work Practices - Asbestos Activities	
40CFR61 Cond 2	In Compliance	Continuous	Work Practices - Asbestos Activities	
40CFR68 Cond 1	In Compliance	Continuous	Documentation of risk management plan and annual certification by responsible official	
40CFR70 Cond 1	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 2	In Compliance	Continuous	Reference Condition	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 2 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
40CFR70 Cond 3	In Compliance	Intermittent	Documentation of prompt reporting and followup deviation reports	Failure to report a leaking Varesc on 1,000 bbl produced water tank (T 100) to District within four hour notification window. Deviation occurred on 12/18/14 at 2:00PM. Event Date: 12/18/2014
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	
40CFR70 Cond 7	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 8	In Compliance	Continuous	Documentation of Part 70 permit records	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015				
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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 visual emission evaluations and Annual Certification by Responsible Official	
50 Cond 4	In Compliance	Continuous	Documentation of visible emissions upon District request	
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 air modeling for ground level SO2 based on District request	
54.B.2 Cond 2	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	
54.B.2 Cond 3	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 4 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
54.B.2 Cond 4	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	
57.1 Cond 1	In Compliance	Continuous	Documentation of District analysis	
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	Reference Condition	
64.B.2 Cond 2	In Compliance	Continuous	Documentation of liquid fuel sulfur content	
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 PLC failure occurred causing the vapor recovery valves to fail closed for 2 - 3,000 BBL LACT tanks and 2 - 3,000 BBL produced water tanks at the River Bottom Production Area (D&N). Breakdown relief requested and granted.



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 5 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Produced gas was not controlled when the vapor recovery compressors went down causing LACT tanks T-310A and T-320A to vent to atmosphere Breakdown relief requested and granted.
71.1.C Cond 2	In Compliance	Continuous	Reference Condition	Event Date: 09/16/2014
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	
71.1.C Cond 5	In Compliance	Continuous	Documentation of 74.10 leak inspections	
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 upon District request	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC			Permit: 0041	
Certification Period: 04/01/2014 through 03/31/2015			Page 6 of 54	
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 7 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041	
Certification Period: 04/01/2014 through 03/31/2015			
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.
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
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	Documentation of 74.10 inspection logs
74.11.1 Cond 1	In Compliance	Continuous	Reference Condition
74.11.1 Cond 2	In Compliance	Continuous	Reference Condition
74.11.1 Cond 3	In Compliance	Continuous	Reference Condition



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 9 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
74.11.1 Cond 4	In Compliance	Continuous	Documentation of compliance upon District request	
74.11.1 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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 source testing records	
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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 10 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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.	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 11 of 54		
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>
74.28 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	Work Practices - 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	Work Practices - Soil Decontamination	
74.29 Cond 7	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 8	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 9	In Compliance	Continuous	Reference Condition	
74.29 Cond 10	In Compliance	Continuous	Reference Condition	
74.29 Cond 11	In Compliance	Continuous	Reference Condition	
74.29 Cond 12	In Compliance	Continuous	Documentation of soil aeration log records	
74.29 Cond 13	In Compliance	Continuous	Documentation of compliance upon District request	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 12 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
74.29 Cond 14	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 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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 13 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
74.6 Cond 14	In Compliance	Continuous	Documentation of ROC containing solvent	
74.6 Cond 15	In Compliance	Continuous	Work Practices - Solvent Usage	
Equipment: 1 - 5000 BBL PWT New Wemco Tank (TWCF-T400) VR Revised on 4/1/2014				
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	
Equipment: 1 - 1000 BBL Solids Tank, COST (TWSI-T001) VR Revised on 4/1/2014				
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 - Lloyd Solids Processing	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 14 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records	
Equipment: 1 - 70000 BBL Emergency Cement Bowl (CMTD-S70K) Revised on 6/4/2008				
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)	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 15 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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)	
Equipment: 1- 1050 MMBTU/Hr John Zink Hydra 8" Flare Revised on 4/1/2014				
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 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
Equipment: 1-205 MMBTU/Hr 6" Flare (includes coaxial 2 MMBTU/Hr 1.5" unit) Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 16 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041PC2 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
Equipment: 1 - 616 BHP Lean Burn NG Waukesha Engine Model F352 IGL (C-201) Revised on 4/1/2014				
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	
0041ZZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 17 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of I.C. engine records	
PE0041 Cond	In Compliance	Continuous	Documentation of emissions	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
Equipment: 1 - 616 BHP Lean Burn NG Waukesha Engine Model F352IGL(C-202). Revised on 4/1/2014				
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	
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2014 through 03/31/2015				Page 18 of 54
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041ZZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of I.C. engine records	
PE0041 Cond	In Compliance	Continuous	Documentation of emissions	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 19 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
Equipment: 1 - 14.25 MMBTU/Hr NG Wheco Heater Serial No. WJ-81-009, No. 602, equipped with a low Nox burner Revised on 4/1/2014				
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	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	In Compliance	Continuous	Documentation of fuel consumption records	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 20 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
Equipment: 1 - Glycol Dehydrator System (12.3 MMSCFD/Ethylene Glycol)				
1 - Glycol Dehydrator Vent VR				
1 - 1.50 MMBTU/HR Glycol Reboiler (hot oil heated)				
1 - 14 BBL Glycol Condensation Tank VR Revised on 4/1/2014				
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	
71.5N1 Cond 4	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 21 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-101) Revised on 4/1/2014				
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	
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 22 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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 I.C. engine records	
Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-102) Revised on 4/1/2014				
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	
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 23 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of I.C. engine records	
Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-103) Revised on 4/1/2014				
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	
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 24 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041ZZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
Equipment: Glycol Dehydrator System (16.1 MMSCFD/Triethylene Glycol) 1 - Glycol Dehydrator Vent VR 1 - 0.865 MMBTU/HR NG Glycol Reboiler UNC 1 - 11 BBL Glycol Condensation Tank VR Revised on 4/1/2014				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 25 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	Intermittent	Documentation of equipment configuration	Vapor recovery for the glycol dehydrator at Central Compressor. Site went down due to an electronic communication problem resulting in potential emissions of ROC vapors not being directed to a fuel gas system or sales gas system. Breakdown relief requested and granted. Event Date: 11/16/2014
71.5N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors for the Central Site glycol dehydrator went down due to an internal power failure resulting in ROC vapors not being directed to a fuel gas system or sales gas system. Breakdown relief requested and granted. Event Date: 12/12/2014



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 26 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1 - 830 BBL Filter Agent Silo with Baghouse Control System (TWPM-T010) Revised on 4/1/2014				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
Equipment: 856 - Oil Wells Revised on 10/1/2009				
0041PC1 Cond 4	In Compliance	Continuous	Documentation of equipment configuration	
Equipment: 72 - 500 BBL Portable Tanks Revised on 4/1/2014				
71.1N6 Cond 1	In Compliance	Continuous	Work Practices - Portable Tanks	
71.1N6 Cond 2	In Compliance	Continuous	Work Practices - Portable Tanks	
71.1N6 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 27 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
Equipment: Portable Open Top Mixing Bin, 242.25 sqft. Revised on 4/1/2014				
0041PC5 Cond 1	In Compliance	Continuous	Documentation of operating logs	
0041PC5 Cond 2	In Compliance	Continuous	Documentation of operating logs	
Equipment: Tank Truck LPG Loading Facility w/Closed Vapor Recovery System Revised on 4/1/2014				
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 41	In Compliance	Continuous	Records of throughput	
Equipment: 1 - 630 BHP Detroit Diesel Emergency Standby Engine, Serial NO. L16349 Revised on 4/1/2014				
0041ZZZZN3 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN3 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZZN3 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 28 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041ZZZN3 Cond 4	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN3 Cond 5	In Compliance	Continuous	Documentation of operating records	
0041ZZZN3 Cond 6	In Compliance	Continuous	Documentation of operating logs and maintenance logs	
0041ZZZN3 Cond 7	In Compliance	Continuous	Documentation of fuel delivery records	
0041ZZZN3 Cond 8	In Compliance	Continuous	Documentation of fuel delivery records	
0041ZZZN3 Cond 9	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	
Equipment: 8000 bbl LACT Tank (VORD-T026A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking Varec hatch on the 8,000 bbl LACT tank (T-026A) was identified resulting in vapors not being directed to a fuel gas system, sales gas system, or a flare. Breakdown relief requested and granted.
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	Event Date: 06/06/2014



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 29 of 54		
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>
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	
Equipment: 1- 8.0 MMBTU/hr NG BYSIS Manufacturing Oil Heater No. 601A, equipped with a Bloom Engineering/Gideon Ultra Low Nox burner Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 30 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
0041PC9 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
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	
Equipment: 1- 42.75 sqft (9.5' x 4.5') Covered Trough (Sump) Revised on 4/1/2014				
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
0041PC14 Cond 7	In Compliance	Continuous	Documentation of throughput records	
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 leak inspections	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 31 of 54		
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>
71.4N1 Cond 4	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 2- 500 BBL Waste Fluids/Solids Storage Tanks, VR Revised on 4/1/2014				
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 - Lloyd Solids Processing	
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	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC			Permit: 0041	
Certification Period: 04/01/2014 through 03/31/2015			Page 32 of 54	
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
Equipment: 1 - M-1 SWACO Centrifuge, Model 1850, 18" x 50" bowl size, (or similar unit) Revised on 4/1/2014				
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 - Lloyd Solids Processing	
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
0041PC14 Cond 5	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
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	
Equipment: 1 - Brandt Centrifuge, Model HS-400 FS, "14 x 49.5" bowl size Revised on 12/15/2014				
0041PC14 Cond 5	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Solids Processing System	
0041PC14 Cond 8	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
Equipment: 1 -3000 BBL PWT Spare Source Water Tank (TWCF-260B) VR Revised on 4/1/2014				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 33 of 54		
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>
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	
Equipment: 1 -3000 BBL PWT Source Water Tank (TWCF-260A) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 34 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
Equipment: 1 -3000 BBL PWT Hartman A Tank (TWPM-T210A) VR Revised on 4/1/2014				
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	
Equipment: 1 -3000 BBL PWT Hartman B Tank (TWPM-210B) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 35 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 3000 BBL LACT Tank (T-400A) VR Revised on 4/1/2014				
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	
Equipment: 1 - 3000 BBL LACT Tank (T-420A) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2014 through 03/31/2015				Page 36 of 54
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1 - 3000 BBL PWT (T-410A) VR Revised on 4/1/2014				
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	
Equipment: 1 - 3000 BBL LACT PWT (T-430A) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 37 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
Equipment: 5000 bbl FWKO/Wash Tank (TOLD-T330A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking Varec hatch (>10K ppm) on 5,000 bbl wash tank (T-330A) was identified resulting in emissions of produced gas not being directed to a fuel gas system, sales gas system, or a flare. Breakdown relief requested and granted. Event Date: 05/07/2014
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 38 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
Equipment: 5000 bbl C-Block LACT Tank (TOLD-T310A) VR Revised on 4/1/2014				
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	
Equipment: 5000 bbl D-Block LACT Tank (TOLD-T320A) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 39 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 5000 bbl PWT Pre-Wemco Tank (TWCF-T280A) VR Revised on 4/1/2014				
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	
Equipment: 5000 bbl PWT Spare Pre-Wemco Tank (TWCF-T280B) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 40 of 54		
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>
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	
Equipment: 1 - 3000 BBL Hartman Filtered Water Tank (T-240A) VR Revised on 4/1/2014				
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	
Equipment: 1 - 238 BBL Portable Tank Revised on 4/1/2014				
71.1N6 Cond 1	In Compliance	Continuous	Work Practices - Portable Tanks	
71.1N6 Cond 2	In Compliance	Continuous	Work Practices - Portable Tanks	
71.1N6 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 41 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1 - 20,000 BBL PWT (T-204A), 32'H x 67'D VR Revised on 4/1/2014				
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	
Equipment: 1- 5000 BBL PWT Blended Water Tank (VWCP T500) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 42 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1- 4000 BBL PWT Pre-Wemco Tank (VWCP-T400) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking blowout hatch on 4,000 bbl produced water tank (T-400) was identified resulting in ROC vapors not being directed to a fuel gas system, sales gas system, or a flare. Breakdown relief requested and granted. Event Date: 03/11/2015
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 43 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
Equipment: 1- 3000 BBL PWT Brine Tank (VWCP-T300) VR Revised on 4/1/2014				
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	
Equipment: 1- 2000 BBL PWT Wemco Skim Tank (VWCP-T200) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 44 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 1000 BBL PWT Overflow Tank (VWCP-T100) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking Varec (>10K ppm) on 1,000 bbl produced water tank (T100) was identified resulting in ROC vapors not being directed to a fuel gas system, sales gas system, or a flare. Event Date: 12/16/2014
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	
Equipment: 1 - 894 BBL PWT Cone Bottom 5-Cell Tank (VWCP-T401) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 45 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1 - 1000 BBL Solids Tank, COST (VWSI-T403) VR Revised on 4/1/2014				
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	
Equipment: 1 - 20,000 BBL PWT Main (VOTD-T205) VR Revised on 4/1/2014				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 46 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1 - 625 BHP Rich Burn White NG Engine, Model G8258 (WF1-1) NSCR. Revised on 4/1/2014				
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	
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 47 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041ZZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	Records of emissions testing	
Equipment: 1 - 625 BHP Rich Burn White NG Engine, Model G8258 (WF1-2) NSCR. Revised on 4/1/2014				
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	
0041ZZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 48 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	Records of emissions testing	
Equipment: 1 - 300 sq ft Pit (V127) Exempt < 5 mg/l Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 49 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
71.4N3 Cond 3	In Compliance	Continuous	Documentation of ROC analysis and Annual Certification by Responsible Official	
Equipment: 10,500 bbl LACT Tank (VOTD-T201) VR Revised on 4/1/2014				
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	
Equipment: 1 - 2,000 BBL Raw Water Tank (VWP4-T103) VR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 50 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
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	
Equipment: 1 - 3,000 BBL Filtered Water Tank (VWP4-T102) VR Revised on 4/1/2014				
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	
Equipment: 1 - 7,000 CF (48' x 21.5' O.D.) Filter Agent Silo w/DCE Siloair Dust Filter Model VS15KS3 (VWP4-S004) Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 51 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedances, or additional data that indicated non compliance during the certification period)
0041PC12 Cond 2	In Compliance	Continuous	Documentation of maintenance records and Annual Certification by Responsible Official	
Equipment: 1 - 292 MMBTU/Hr Kaldair Low Pressure Flare Revised on 4/1/2014				
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 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L5790GU (CP2-1) NSCR Revised on 4/1/2014				
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015		Page 52 of 54		
COLUMN 1 Citation	COLUMN 2 Compliance Status (As indicated by most recent monitoring measurement or observation)	COLUMN 3 Determination Method: "CONTINUOUS" OR "INTERMITTENT"	COLUMN 4 Method for determining Compliance Status.	COLUMN 5 Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
0041ZZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	Records of emissions testing	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC			Permit: 0041	
Certification Period: 04/01/2014 through 03/31/2015			Page 53 of 54	
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>
Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L5790GU (CP2-2) NSCR Revised on 4/1/2014				
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	
0041ZZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
Certification Period: 04/01/2014 through 03/31/2015				
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 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	Records of emissions testing	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	

Aera Energy LLC

Ventura Unit

Permit 00041

Annual Compliance Certification

April 1, 2014 – March 31, 2015

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:

- Lloyd Corporation Lease (Gas Plant 2), IC Engine C-201, May 14, 2014
- Lloyd Corporation Lease (Gas Plant 2), IC Engine C-202, May 15, 2014
- Waterflood Plant No. 1, IC Engine WF1-1, May 22, 2014
- Waterflood Plant No. 1, IC Engine WF1-2, May 22, 2014
- Gas Plant 7, BYIS Heater No. 601A, July 10, 2014

Rule 64.B.1 Compliance

The fuel test was performed by Aera personnel on 10/5/14 and the results were 0 ppm for H₂S. The method used for this test was 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 9/23/14 (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

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

Rule 74.6 Compliance

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 "Out of Service" during the certification period:

- 1 - 435 BBL PWT Wemco #1 (VWCP-W410) VR
- 1 - 435 BBL PWT Wemco #2 (VWCP-W420) VR
- 1 – Crude Oil Loading Facility BL VR
- 1 – 173 BBL PWT Wemco #1 (TWCF-W001) VR
- 1 – 173 BBL PWT Wemco #2 (TWCF-W002) VR
- 1 – 173 BBL PWT Wemco #3 (TWCF-W003) VR
- 1 – 1000 BBL PWT Clean Water Tank (TWCF-T500) VR
- 1 – 5000 BBL PWT Old Wemco Tank (TWCF-T100) VR
- 1 – 500 BBL PWT Slop Tank (TWCF-T600) VR
- 1 – 1600 BBL PWT Flotation Cell Tank (TWCF-T200) VR
- 1 – 70,000 BBL Emergency Cement Bowl (CMTD-S70K)
- 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: Testo or Enerac

Year: 2014-15

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 2, 2014			
						Apr	May	Jun	
C-101*	5/9/2014	10.76	NOX	27 ppm	DES	463	351	289	
			CO	278 ppm					
C-102*	6/11/2014	11.13	NOX	10 ppm	DES	0	262	130	
			CO	328 ppm					
C-103*	5/9/2014	0.17	NOX	42 ppm	DES	256	130	192	
			CO	285 ppm					
C-201*	5/14/2014	15.00	NOX	30 ppm	Aeros	103	179	157	
			CO	285 ppm					
C-202*	5/15/2014	15.00	NOX	31 ppm	Aeros	632	564	551	
			CO	345 ppm					
CP 2-1**	6/11/2014	0.02	NOX	5 ppm	DES	369	445	377	
			CO	1661 ppm					
CP 2-2**	6/11/2014	0.13	NOX	3 ppm	DES	350	298	1	
			CO	89 ppm					
WF1-1**	5/22/2014	15.00	NOX	6 ppm	Aeros	720	735	248	
			CO	2512 ppm					
WF1-2**	5/22/2014	15.00	NOX	14 ppm	Aeros	720	734	248	
			CO	1738 ppm					

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 3, 2014			
						Jul	Aug	Sep	
C-101*	8/7/2014	10.95	NOX	15 ppm	DES	23	1	228	
			CO	334 ppm					
C-102*	8/7/2014	11.53	NOX	11 ppm	DES	513	323	178	
			CO	336 ppm					
C-103*	8/7/2014	9.78	NOX	37 ppm	DES	208	419	316	
			CO	277 ppm					
C-201*	8/15/2014	10.30	NOX	26 ppm	DES	11	150	517	
			CO	305 ppm					
C-202*	8/15/2014	10.68	NOX	44 ppm	DES	734	592	203	
			CO	307 ppm					
CP 2-1**	9/11/2014	0.02	NOX	3 ppm	DES	412	0	341	
			CO	1031 ppm					
CP 2-2**	9/11/2014	0.14	NOX	3 ppm	DES	327	743	376	
			CO	656 ppm					
WF1-1**	N/A		NOX			0	0	0	Engine down since 6/11/14 (operated less than 32 hrs/month)
WF1-2**	N/A		NOX			0	0	0	Engine down since 6/11/14 (operated less than 32 hrs/month)

* Lean Burn NO_x limit = 45 PPM
 Rich Burn NO_x limit = 25 PPM
 All Engines CO limit = 4500 PPM

Internal Combustion Engine Emissions Test Results

Analyzer Type: Testo or Enerac

Year: 2014-15

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 4, 2014			
						Oct	Nov	Dec	
C-101*	10/15/2014	10.89	NOX	20ppm	DES	99	0	291	
			CO	317ppm					
C-102*	10/15/2014	10.78	NOX	29ppm	DES	280	121	106	
			CO	278ppm					
C-103*	10/15/2014	10.12	NOX	31ppm	DES	373	591	345	
			CO	272ppm					
C-201*	10/14/2014	10.35	NOX	31ppm	DES	510	519	219	
			CO	291ppm					
C-202*	10/14/2014	10.48	NOX	42ppm	DES	236	200	512	
			CO	314ppm					
CP 2-1**	11/13/2014	10.80	NOX	3ppm	DRD	71	477	39	
			CO	3287ppm					
CP 2-2**	11/13/2014	11.51	NOX	2ppm	DRD	654	245	705	
			CO	396ppm					
WF1-1**	N/A		NOx			0	0	0	Engine down since 6/11/14 (operated less than 32 hrs/month)
			CO						
WF1-2**	N/A		NOx			0	0	0	Engine down since 6/11/14 (operated less than 32 hrs/month)
			CO						

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 1, 2015			
						Jan	Feb	Mar	
C-101*	1/20/2015	10.26	NOX	38ppm	TJC	153	271	73	
			CO	314ppm					
C-102*	1/20/2015	10.37	NOX	29ppm	TJC	151	398	673	
			CO	294ppm					
C-103*	1/20/2015	10.05	NOX	35ppm	TJC	432	0	2	
			CO	293ppm					
C-201*	1/27/2015	10.23	NOX	31ppm	TJC	705	644	66	
			CO	283ppm					
C-202*	1/27/2015	10.82	NOX	35ppm	TJC	38	26	676	
			CO	318ppm					
CP 2-1**	2/11/2015	0.10	NOX	1ppm	TJC	631	423	438	
			CO	228ppm					
CP 2-2**	2/11/2015	0.13	NOX	6ppm	TJC	114	249	302	
			CO	529ppm					
WF1-1**	2/26/2015	0.13	NOX	9ppm	TJC	0	134	253	
			CO	745ppm					
WF1-2**	2/26/2015	0.17	NOX	9ppm	TJC	0	134	252	
			CO	903ppm					

* Lean Burn NO_x limit = 45 PPM

Rich Burn NO_x limit = 25 PPM

** Engines CO limit = 4500 PPM

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
4/30/2014	20.67	Auto Update	<input type="checkbox"/>		
4/29/2014	21.21	Auto Update	<input type="checkbox"/>		
4/28/2014	20.07	Auto Update	<input type="checkbox"/>		
4/27/2014	20.00	Auto Update	<input type="checkbox"/>		
4/26/2014	20.67	Auto Update	<input type="checkbox"/>		
4/25/2014	18.69	Auto Update	<input type="checkbox"/>		
4/24/2014	19.09	Auto Update	<input type="checkbox"/>		
4/23/2014	13.89	Auto Update	<input type="checkbox"/>		
4/22/2014	13.05	Demand Update	<input type="checkbox"/>		
4/21/2014	12.67	Auto Update	<input type="checkbox"/>		
4/21/2014	12.67	Auto Update	<input type="checkbox"/>		
4/20/2014	12.03	Auto Update	<input type="checkbox"/>		
4/19/2014	12.62	Auto Update	<input type="checkbox"/>		
4/18/2014	12.67	Manual Update	<input type="checkbox"/>		
4/17/2014	13.56	Demand Update	<input type="checkbox"/>		
4/16/2014	15.23	Demand Update	<input type="checkbox"/>		
4/15/2014	13.97	Auto Update	<input type="checkbox"/>		
4/15/2014	13.97	Auto Update	<input type="checkbox"/>		
4/14/2014	15.41	Auto Update	<input type="checkbox"/>		
4/13/2014	15.26	Auto Update	<input type="checkbox"/>		
4/12/2014	13.76	Auto Update	<input type="checkbox"/>		
4/11/2014	15.52	Auto Update	<input type="checkbox"/>		
4/10/2014	15.11	Auto Update	<input type="checkbox"/>		
4/9/2014	15.27	Auto Update	<input type="checkbox"/>		
4/8/2014	16.04	Auto Update	<input type="checkbox"/>		
4/7/2014	17.73	Auto Update	<input type="checkbox"/>		
4/6/2014	17.52	Demand Update	<input type="checkbox"/>		
4/5/2014	12.00	Manual Update	<input type="checkbox"/>		
4/4/2014	16.00	Manual Update	<input type="checkbox"/>		
4/3/2014	21.48	Auto Update	<input type="checkbox"/>		
4/2/2014	16.62	Demand Update	<input type="checkbox"/>		
4/1/2014	16.45	Demand Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
5/31/2014	9.35	Auto Update	<input type="checkbox"/>		
5/30/2014	9.03	Auto Update	<input type="checkbox"/>		
5/29/2014	8.05	Auto Update	<input type="checkbox"/>		
5/28/2014	9.04	Auto Update	<input type="checkbox"/>		
5/27/2014	8.70	Auto Update	<input type="checkbox"/>		
5/26/2014	8.56	Auto Update	<input type="checkbox"/>		
5/25/2014	8.23	Auto Update	<input type="checkbox"/>		
5/24/2014	8.10	Auto Update	<input type="checkbox"/>		
5/23/2014	7.66	Auto Update	<input type="checkbox"/>		
5/22/2014	6.85	Auto Update	<input type="checkbox"/>		
5/21/2014	6.57	Auto Update	<input type="checkbox"/>		
5/20/2014	6.11	Auto Update	<input type="checkbox"/>		
5/19/2014	5.98	Auto Update	<input type="checkbox"/>		
5/18/2014	5.75	Auto Update	<input type="checkbox"/>		
5/17/2014	5.75	Auto Update	<input type="checkbox"/>		
5/16/2014	6.39	Demand Update	<input type="checkbox"/>		
5/15/2014	4.45	Auto Update	<input type="checkbox"/>		
5/14/2014	4.40	Auto Update	<input type="checkbox"/>		
5/13/2014	4.07	Auto Update	<input type="checkbox"/>		
5/12/2014	4.00	Auto Update	<input type="checkbox"/>		
5/11/2014	4.09	Auto Update	<input type="checkbox"/>		
5/10/2014	3.59	Auto Update	<input type="checkbox"/>		
5/9/2014	3.60	Auto Update	<input type="checkbox"/>		
5/8/2014	3.40	Auto Update	<input type="checkbox"/>		
5/7/2014	3.47	Auto Update	<input type="checkbox"/>		
5/6/2014	20.64	Auto Update	<input type="checkbox"/>		
5/5/2014	19.92	Auto Update	<input type="checkbox"/>		
5/4/2014	20.16	Auto Update	<input type="checkbox"/>		
5/3/2014	20.55	Demand Update	<input type="checkbox"/>		
5/2/2014	19.66	Auto Update	<input type="checkbox"/>		
5/1/2014	19.63	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
6/11/2014	10.37	Auto Update	<input type="checkbox"/>		
6/10/2014	10.62	Auto Update	<input type="checkbox"/>		
6/9/2014	9.27	Auto Update	<input type="checkbox"/>		
6/8/2014	9.40	Auto Update	<input type="checkbox"/>		
6/7/2014	9.20	Auto Update	<input type="checkbox"/>		
6/6/2014	8.89	Auto Update	<input type="checkbox"/>		
6/5/2014	8.73	Auto Update	<input type="checkbox"/>		
6/4/2014	10.21	Auto Update	<input type="checkbox"/>		
6/3/2014	9.81	Auto Update	<input type="checkbox"/>		
6/2/2014	9.91	Auto Update	<input type="checkbox"/>		
6/1/2014	9.56	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
2/28/2015	9.92	Auto Update	<input type="checkbox"/>		
2/27/2015	9.17	Auto Update	<input type="checkbox"/>		
2/26/2015	8.74	Auto Update	<input type="checkbox"/>		
2/25/2015	8.31	Auto Update	<input type="checkbox"/>		
2/24/2015	7.70	Auto Update	<input type="checkbox"/>		
2/23/2015	7.36	Demand Update	<input type="checkbox"/>		Engine offline since 6/11/14.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
3/11/2015	16.30	Manual Update	<input type="checkbox"/>		Engine offline since 3/11/15.
3/10/2015	18.92	Auto Update	<input type="checkbox"/>		
3/9/2015	18.37	Auto Update	<input type="checkbox"/>		
3/8/2015	18.31	Auto Update	<input type="checkbox"/>		
3/7/2015	19.77	Demand Update	<input type="checkbox"/>		
3/6/2015	21.89	Demand Update	<input type="checkbox"/>		
3/5/2015	13.65	Auto Update	<input type="checkbox"/>		
3/4/2015	12.70	Auto Update	<input type="checkbox"/>		
3/3/2015	12.55	Auto Update	<input type="checkbox"/>		
3/2/2015	11.71	Auto Update	<input type="checkbox"/>		
3/1/2015	10.55	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
4/30/2014	10.85	Auto Update	<input type="checkbox"/>		
4/29/2014	9.15	Auto Update	<input type="checkbox"/>		
4/28/2014	8.09	Auto Update	<input type="checkbox"/>		
4/27/2014	8.05	Auto Update	<input type="checkbox"/>		
4/26/2014	8.91	Auto Update	<input type="checkbox"/>		
4/25/2014	7.54	Auto Update	<input type="checkbox"/>		
4/24/2014	15.93	Auto Update	<input type="checkbox"/>		
4/23/2014	15.85	Auto Update	<input type="checkbox"/>		
4/22/2014	12.77	Auto Update	<input type="checkbox"/>		
4/21/2014	12.09	Demand Update	<input type="checkbox"/>		
4/20/2014	12.37	Auto Update	<input type="checkbox"/>		
4/19/2014	11.44	Auto Update	<input type="checkbox"/>		
4/18/2014	9.62	Auto Update	<input type="checkbox"/>		
4/17/2014	10.33	Auto Update	<input type="checkbox"/>		
4/16/2014	10.59	Auto Update	<input type="checkbox"/>		
4/15/2014	11.25	Auto Update	<input type="checkbox"/>		
4/14/2014	11.87	Auto Update	<input type="checkbox"/>		
4/13/2014	14.00	Auto Update	<input type="checkbox"/>		
4/12/2014	13.45	Auto Update	<input type="checkbox"/>		
4/11/2014	13.19	Auto Update	<input type="checkbox"/>		
4/10/2014	14.98	Auto Update	<input type="checkbox"/>		
4/9/2014	15.98	Auto Update	<input type="checkbox"/>		
4/8/2014	15.81	Auto Update	<input type="checkbox"/>		
4/7/2014	15.53	Auto Update	<input type="checkbox"/>		
4/6/2014	15.87	Auto Update	<input type="checkbox"/>		
4/5/2014	14.05	Auto Update	<input type="checkbox"/>		
4/4/2014	12.87	Auto Update	<input type="checkbox"/>		
4/3/2014	13.40	Auto Update	<input type="checkbox"/>		
4/2/2014	12.95	Auto Update	<input type="checkbox"/>		
4/1/2014	13.33	Manual Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
5/31/2014	13.12	Auto Update	<input type="checkbox"/>		
5/30/2014	12.65	Auto Update	<input type="checkbox"/>		
5/29/2014	12.60	Auto Update	<input type="checkbox"/>		
5/28/2014	12.57	Auto Update	<input type="checkbox"/>		
5/27/2014	12.41	Auto Update	<input type="checkbox"/>		
5/26/2014	13.61	Auto Update	<input type="checkbox"/>		
5/25/2014	13.53	Auto Update	<input type="checkbox"/>		
5/24/2014	14.32	Auto Update	<input type="checkbox"/>		
5/23/2014	14.16	Auto Update	<input type="checkbox"/>		
5/22/2014	15.77	Auto Update	<input type="checkbox"/>		
5/21/2014	17.24	Auto Update	<input type="checkbox"/>		
5/20/2014	17.30	Auto Update	<input type="checkbox"/>		
5/19/2014	18.41	Demand Update	<input type="checkbox"/>		
5/18/2014	9.45	Auto Update	<input type="checkbox"/>		
5/17/2014	6.48	Auto Update	<input type="checkbox"/>		
5/16/2014	6.45	Demand Update	<input type="checkbox"/>		
5/15/2014	8.00	Manual Update	<input checked="" type="checkbox"/>	4:50	Auto/demand tests failed due to high NOx. Adjustments made to engine, converter scheduled for replacement. Manual test passed.
5/14/2014	14.54	Demand Update	<input type="checkbox"/>		
5/13/2014	17.22	Demand Update	<input type="checkbox"/>		
5/12/2014	14.60	Auto Update	<input type="checkbox"/>		
5/11/2014	17.11	Auto Update	<input type="checkbox"/>		
5/10/2014	15.33	Auto Update	<input type="checkbox"/>		
5/9/2014	17.15	Auto Update	<input type="checkbox"/>		
5/8/2014	16.82	Auto Update	<input type="checkbox"/>		
5/7/2014	14.37	Demand Update	<input type="checkbox"/>		
5/6/2014	10.36	Auto Update	<input type="checkbox"/>		
5/5/2014	9.20	Auto Update	<input type="checkbox"/>		
5/4/2014	8.27	Auto Update	<input type="checkbox"/>		
5/3/2014	9.88	Auto Update	<input type="checkbox"/>		
5/2/2014	11.79	Auto Update	<input type="checkbox"/>		
5/1/2014	11.95	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
6/11/2014	12.52	Auto Update	<input type="checkbox"/>		
6/10/2014	13.60	Auto Update	<input type="checkbox"/>		
6/9/2014	13.40	Auto Update	<input type="checkbox"/>		
6/8/2014	13.96	Auto Update	<input type="checkbox"/>		
6/7/2014	13.61	Auto Update	<input type="checkbox"/>		
6/6/2014	13.24	Auto Update	<input type="checkbox"/>		
6/5/2014	14.12	Auto Update	<input type="checkbox"/>		
6/4/2014	14.20	Auto Update	<input type="checkbox"/>		
6/3/2014	13.93	Auto Update	<input type="checkbox"/>		
6/2/2014	13.62	Auto Update	<input type="checkbox"/>		
6/1/2014	13.31	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
2/28/2015	10.49	Auto Update	<input type="checkbox"/>		
2/27/2015	9.42	Auto Update	<input type="checkbox"/>		
2/26/2015	9.80	Auto Update	<input type="checkbox"/>		
2/25/2015	8.39	Auto Update	<input type="checkbox"/>		
2/24/2015	8.66	Auto Update	<input type="checkbox"/>		
2/23/2015	8.81	Demand Update	<input type="checkbox"/>		Engine offline since 6/11/14.

VNGWF1_CA**2 Mar-2015

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
3/11/2015	21.00	Manual Update	<input checked="" type="checkbox"/>	6:36	Auto test failed due to high NOx. AFRC adjusted, manual test passed. Engine offline since 3/11/15.
3/10/2015	21.91	Auto Update	<input type="checkbox"/>		
3/9/2015	19.80	Auto Update	<input type="checkbox"/>		
3/8/2015	18.16	Auto Update	<input type="checkbox"/>		
3/7/2015	17.89	Demand Update	<input type="checkbox"/>		
3/6/2015	10.67	Manual Update	<input type="checkbox"/>		
3/5/2015	13.10	Auto Update	<input type="checkbox"/>		
3/4/2015	12.70	Auto Update	<input type="checkbox"/>		
3/3/2015	13.68	Auto Update	<input type="checkbox"/>		
3/2/2015	11.12	Auto Update	<input type="checkbox"/>		
3/1/2015	11.09	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
4/21/2014	7.49	Auto Update	<input type="checkbox"/>		
4/20/2014	4.82	Auto Update	<input type="checkbox"/>		
4/19/2014	4.03	Auto Update	<input type="checkbox"/>		
4/18/2014	6.64	Auto Update	<input type="checkbox"/>		
4/17/2014	4.16	Auto Update	<input type="checkbox"/>		
4/16/2014	4.32	Auto Update	<input type="checkbox"/>		
4/15/2014	3.92	Auto Update	<input type="checkbox"/>		
4/14/2014	3.28	Auto Update	<input type="checkbox"/>		
4/13/2014	2.82	Auto Update	<input type="checkbox"/>		
4/12/2014	4.73	Auto Update	<input type="checkbox"/>		
4/11/2014	2.95	Auto Update	<input type="checkbox"/>		
4/10/2014	3.64	Auto Update	<input type="checkbox"/>		
4/9/2014	3.87	Auto Update	<input type="checkbox"/>		
4/8/2014	4.75	Auto Update	<input type="checkbox"/>		Engine offline between 4/3 and 4/7.
4/2/2014	6.66	Auto Update	<input type="checkbox"/>		
4/1/2014	4.69	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
5/31/2014	4.95	Auto Update	<input type="checkbox"/>		
5/30/2014	7.52	Auto Update	<input type="checkbox"/>		
5/29/2014	4.53	Auto Update	<input type="checkbox"/>		
5/28/2014	5.77	Auto Update	<input type="checkbox"/>		
5/27/2014	4.44	Auto Update	<input type="checkbox"/>		
5/26/2014	4.94	Auto Update	<input type="checkbox"/>		
5/25/2014	5.58	Auto Update	<input type="checkbox"/>		
5/24/2014	2.87	Auto Update	<input type="checkbox"/>		
5/23/2014	1.24	Auto Update	<input type="checkbox"/>		
5/22/2014	2.89	Auto Update	<input type="checkbox"/>		
5/21/2014	4.15	Auto Update	<input type="checkbox"/>		
5/20/2014	3.49	Auto Update	<input type="checkbox"/>		
5/19/2014	5.17	Auto Update	<input type="checkbox"/>		
5/18/2014	3.14	Auto Update	<input type="checkbox"/>		
5/17/2014	3.88	Auto Update	<input type="checkbox"/>		
5/16/2014	6.09	Auto Update	<input type="checkbox"/>		
5/15/2014	2.64	Auto Update	<input type="checkbox"/>		
5/14/2014	5.46	Demand Update	<input type="checkbox"/>		Engine offline between 4/22 and 5/13.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
6/30/2014	4.17	Auto Update	<input type="checkbox"/>		
6/29/2014	2.92	Demand Update	<input type="checkbox"/>		Engine offline on 6/28.
6/27/2014	1.02	Demand Update	<input type="checkbox"/>		Engine offline between 6/16 and 6/26.
6/15/2014	6.19	Auto Update	<input type="checkbox"/>		
6/14/2014	5.35	Auto Update	<input type="checkbox"/>		
6/13/2014	4.13	Auto Update	<input type="checkbox"/>		
6/12/2014	3.65	Auto Update	<input type="checkbox"/>		
6/11/2014	5.17	Auto Update	<input type="checkbox"/>		
6/10/2014	3.56	Auto Update	<input type="checkbox"/>		
6/9/2014	3.90	Auto Update	<input type="checkbox"/>		
6/8/2014	2.21	Auto Update	<input type="checkbox"/>		
6/7/2014	9.34	Auto Update	<input type="checkbox"/>		
6/6/2014	7.45	Auto Update	<input type="checkbox"/>		
6/5/2014	3.14	Auto Update	<input type="checkbox"/>		
6/4/2014	3.51	Auto Update	<input type="checkbox"/>		
6/3/2014	3.49	Auto Update	<input type="checkbox"/>		
6/2/2014	4.82	Auto Update	<input type="checkbox"/>		
6/1/2014	6.29	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
7/23/2014	6.84	Auto Update	<input type="checkbox"/>		
7/22/2014	9.63	Auto Update	<input type="checkbox"/>		
7/21/2014	5.84	Auto Update	<input type="checkbox"/>		
7/20/2014	5.42	Auto Update	<input type="checkbox"/>		
7/19/2014	4.14	Auto Update	<input type="checkbox"/>		
7/18/2014	5.64	Auto Update	<input type="checkbox"/>		
7/17/2014	7.18	Auto Update	<input type="checkbox"/>		
7/16/2014	9.60	Auto Update	<input type="checkbox"/>		
7/15/2014	6.12	Auto Update	<input type="checkbox"/>		
7/14/2014	5.53	Auto Update	<input type="checkbox"/>		
7/13/2014	6.12	Auto Update	<input type="checkbox"/>		
7/12/2014	4.34	Auto Update	<input type="checkbox"/>		
7/11/2014	3.49	Auto Update	<input type="checkbox"/>		Engine offline between 7/6 and 7/10.
7/5/2014	6.58	Auto Update	<input type="checkbox"/>		
7/4/2014	4.84	Auto Update	<input type="checkbox"/>		
7/3/2014	7.53	Auto Update	<input type="checkbox"/>		
7/2/2014	6.21	Auto Update	<input type="checkbox"/>		
7/1/2014	3.44	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
9/17/2014	6.38	Auto Update	<input type="checkbox"/>		
9/16/2014	5.05	Auto Update	<input type="checkbox"/>		
9/15/2014	5.58	Auto Update	<input type="checkbox"/>		
9/14/2014	7.33	Auto Update	<input type="checkbox"/>		
9/13/2014	4.71	Auto Update	<input type="checkbox"/>		
9/12/2014	4.34	Auto Update	<input type="checkbox"/>		
9/11/2014	1.65	Auto Update	<input type="checkbox"/>		
9/10/2014	1.79	Auto Update	<input type="checkbox"/>		
9/9/2014	1.70	Auto Update	<input type="checkbox"/>		
9/8/2014	2.89	Auto Update	<input type="checkbox"/>		
9/7/2014	2.29	Auto Update	<input type="checkbox"/>		
9/6/2014	2.76	Auto Update	<input type="checkbox"/>		
9/5/2014	1.38	Auto Update	<input type="checkbox"/>		
9/4/2014	1.24	Auto Update	<input type="checkbox"/>		Engine offline between 7/24 and 9/3.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
10/23/2014	4.17	Auto Update	<input type="checkbox"/>		
10/22/2014	5.19	Auto Update	<input type="checkbox"/>		
10/21/2014	3.19	Auto Update	<input type="checkbox"/>		
10/20/2014	4.13	Auto Update	<input type="checkbox"/>		Engine offline between 9/18/14 and 10/19/14.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
11/26/2014	5.66	Auto Update	<input type="checkbox"/>		
11/25/2014	4.64	Auto Update	<input type="checkbox"/>		
11/24/2014	4.60	Auto Update	<input type="checkbox"/>		
11/23/2014	4.70	Auto Update	<input type="checkbox"/>		
11/22/2014	4.74	Auto Update	<input type="checkbox"/>		
11/21/2014	4.43	Auto Update	<input type="checkbox"/>		
11/20/2014	3.73	Auto Update	<input type="checkbox"/>		
11/19/2014	7.16	Auto Update	<input type="checkbox"/>		
11/18/2014	5.16	Auto Update	<input type="checkbox"/>		
11/17/2014	4.74	Auto Update	<input type="checkbox"/>		
11/16/2014	3.92	Auto Update	<input type="checkbox"/>		
11/15/2014	3.76	Auto Update	<input type="checkbox"/>		
11/14/2014	3.31	Auto Update	<input type="checkbox"/>		
11/13/2014	4.33	Auto Update	<input type="checkbox"/>		
11/12/2014	4.65	Auto Update	<input type="checkbox"/>		
11/11/2014	4.07	Auto Update	<input type="checkbox"/>		
11/10/2014	4.07	Auto Update	<input type="checkbox"/>		
11/9/2014	3.33	Auto Update	<input type="checkbox"/>		
11/8/2014	3.62	Auto Update	<input type="checkbox"/>		
11/7/2014	7.75	Auto Update	<input type="checkbox"/>		Engine offline between 10/24/14 and 11/6/14.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
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12/31/2014

3.22

Auto Update

Engine offline between 11/27/14 and 12/30/14.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
1/28/2015	0.38	Auto Update	<input type="checkbox"/>		
1/27/2015	0.38	Auto Update	<input type="checkbox"/>		
1/26/2015	0.22	Auto Update	<input type="checkbox"/>		
1/25/2015	0.23	Auto Update	<input type="checkbox"/>		
1/24/2015	0.29	Auto Update	<input type="checkbox"/>		
1/23/2015	0.68	Auto Update	<input type="checkbox"/>		
1/22/2015	0.69	Auto Update	<input type="checkbox"/>		
1/21/2015	0.31	Auto Update	<input type="checkbox"/>		
1/20/2015	0.53	Auto Update	<input type="checkbox"/>		
1/19/2015	0.41	Auto Update	<input type="checkbox"/>		
1/18/2015	0.46	Auto Update	<input type="checkbox"/>		
1/17/2015	0.47	Auto Update	<input type="checkbox"/>		
1/16/2015	0.52	Auto Update	<input type="checkbox"/>		
1/15/2015	0.58	Auto Update	<input type="checkbox"/>		
1/14/2015	0.67	Auto Update	<input type="checkbox"/>		
1/13/2015	0.62	Auto Update	<input type="checkbox"/>		
1/12/2015	0.77	Auto Update	<input type="checkbox"/>		
1/11/2015	0.77	Auto Update	<input type="checkbox"/>		
1/10/2015	0.52	Demand Update	<input type="checkbox"/>		
1/9/2015	0.96	Auto Update	<input type="checkbox"/>		Engine offline on 1/8/15.
1/7/2015	5.38	Auto Update	<input type="checkbox"/>		
1/6/2015	5.30	Auto Update	<input type="checkbox"/>		
1/5/2015	4.05	Auto Update	<input type="checkbox"/>		
1/4/2015	4.06	Auto Update	<input type="checkbox"/>		
1/3/2015	4.15	Auto Update	<input type="checkbox"/>		
1/2/2015	3.71	Auto Update	<input type="checkbox"/>		
1/1/2015	3.81	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
2/28/2015	0.27	Auto Update	<input type="checkbox"/>		
2/27/2015	0.30	Auto Update	<input type="checkbox"/>		
2/26/2015	0.30	Auto Update	<input type="checkbox"/>		
2/25/2015	0.17	Auto Update	<input type="checkbox"/>		
2/24/2015	0.36	Auto Update	<input type="checkbox"/>		
2/23/2015	0.34	Auto Update	<input type="checkbox"/>		
2/22/2015	0.40	Auto Update	<input type="checkbox"/>		
2/21/2015	0.23	Auto Update	<input type="checkbox"/>		
2/20/2015	0.20	Auto Update	<input type="checkbox"/>		
2/19/2015	0.35	Auto Update	<input type="checkbox"/>		
2/18/2015	0.26	Auto Update	<input type="checkbox"/>		
2/17/2015	0.49	Auto Update	<input type="checkbox"/>		
2/16/2015	0.26	Auto Update	<input type="checkbox"/>		
2/15/2015	0.31	Auto Update	<input type="checkbox"/>		
2/14/2015	0.22	Auto Update	<input type="checkbox"/>		
2/13/2015	0.25	Auto Update	<input type="checkbox"/>		
2/12/2015	0.29	Demand Update	<input type="checkbox"/>		Engine offline between 1/29/15 and 2/11/15.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
3/19/2015	0.50	Auto Update	<input type="checkbox"/>		Engine offline since 3/19/15.
3/18/2015	0.51	Auto Update	<input type="checkbox"/>		
3/17/2015	0.20	Auto Update	<input type="checkbox"/>		
3/16/2015	0.19	Auto Update	<input type="checkbox"/>		
3/15/2015	0.22	Auto Update	<input type="checkbox"/>		
3/14/2015	0.31	Auto Update	<input type="checkbox"/>		
3/13/2015	0.47	Auto Update	<input type="checkbox"/>		
3/12/2015	0.89	Auto Update	<input type="checkbox"/>		
3/11/2015	0.36	Auto Update	<input type="checkbox"/>		
3/10/2015	0.44	Auto Update	<input type="checkbox"/>		
3/9/2015	0.23	Auto Update	<input type="checkbox"/>		
3/8/2015	0.31	Auto Update	<input type="checkbox"/>		
3/7/2015	0.46	Auto Update	<input type="checkbox"/>		
3/6/2015	0.48	Auto Update	<input type="checkbox"/>		
3/5/2015	0.21	Auto Update	<input type="checkbox"/>		
3/4/2015	0.29	Auto Update	<input type="checkbox"/>		
3/3/2015	0.34	Auto Update	<input type="checkbox"/>		
3/2/2015	0.36	Auto Update	<input type="checkbox"/>		
3/1/2015	0.44	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
4/30/2014	4.79	Auto Update	<input type="checkbox"/>		
4/29/2014	2.71	Auto Update	<input type="checkbox"/>		
4/28/2014	2.53	Auto Update	<input type="checkbox"/>		
4/27/2014	1.64	Auto Update	<input type="checkbox"/>		
4/26/2014	2.80	Auto Update	<input type="checkbox"/>		
4/25/2014	1.94	Auto Update	<input type="checkbox"/>		
4/24/2014	1.79	Auto Update	<input type="checkbox"/>		
4/23/2014	1.16	Auto Update	<input type="checkbox"/>		
4/22/2014	1.16	Auto Update	<input type="checkbox"/>		Engine offline between 4/8 and 4/21.
4/7/2014	1.68	Auto Update	<input type="checkbox"/>		
4/6/2014	1.52	Auto Update	<input type="checkbox"/>		
4/5/2014	2.47	Auto Update	<input type="checkbox"/>		
4/4/2014	1.61	Auto Update	<input type="checkbox"/>		
4/3/2014	1.86	Auto Update	<input type="checkbox"/>		Engine offline between 4/1 and 4/2.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
5/13/2014	2.38	Auto Update	<input type="checkbox"/>		
5/12/2014	3.33	Auto Update	<input type="checkbox"/>		
5/11/2014	2.56	Auto Update	<input type="checkbox"/>		
5/10/2014	2.68	Auto Update	<input type="checkbox"/>		
5/9/2014	2.96	Auto Update	<input type="checkbox"/>		
5/8/2014	1.99	Auto Update	<input type="checkbox"/>		
5/7/2014	1.41	Auto Update	<input type="checkbox"/>		
5/6/2014	2.68	Auto Update	<input type="checkbox"/>		
5/5/2014	2.02	Auto Update	<input type="checkbox"/>		
5/4/2014	2.16	Auto Update	<input type="checkbox"/>		
5/3/2014	2.18	Auto Update	<input type="checkbox"/>		
5/2/2014	1.77	Auto Update	<input type="checkbox"/>		
5/1/2014	2.94	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
7/31/2014	2.61	Auto Update	<input type="checkbox"/>		
7/30/2014	2.50	Auto Update	<input type="checkbox"/>		
7/29/2014	2.57	Auto Update	<input type="checkbox"/>		
7/28/2014	1.82	Auto Update	<input type="checkbox"/>		
7/27/2014	2.05	Auto Update	<input type="checkbox"/>		
7/26/2014	1.65	Auto Update	<input type="checkbox"/>		
7/25/2014	2.15	Auto Update	<input type="checkbox"/>		
7/24/2014	2.65	Auto Update	<input type="checkbox"/>		Engine offline between 7/11 and 7/23.
7/10/2014	1.93	Auto Update	<input type="checkbox"/>		
7/9/2014	2.66	Auto Update	<input type="checkbox"/>		
7/8/2014	1.84	Auto Update	<input type="checkbox"/>		
7/7/2014	2.85	Auto Update	<input type="checkbox"/>		
7/6/2014	2.90	Auto Update	<input type="checkbox"/>		Engine offline between 5/14 and 7/5.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
8/31/2014	2.72	Auto Update	<input type="checkbox"/>		
8/30/2014	3.71	Auto Update	<input type="checkbox"/>		
8/29/2014	3.41	Auto Update	<input type="checkbox"/>		
8/28/2014	2.67	Auto Update	<input type="checkbox"/>		
8/27/2014	2.31	Auto Update	<input type="checkbox"/>		
8/26/2014	2.43	Auto Update	<input type="checkbox"/>		
8/25/2014	1.90	Auto Update	<input type="checkbox"/>		
8/24/2014	2.57	Auto Update	<input type="checkbox"/>		
8/23/2014	2.39	Auto Update	<input type="checkbox"/>		
8/22/2014	2.20	Auto Update	<input type="checkbox"/>		
8/21/2014	1.78	Auto Update	<input type="checkbox"/>		
8/20/2014	1.81	Auto Update	<input type="checkbox"/>		
8/19/2014	2.49	Auto Update	<input type="checkbox"/>		
8/18/2014	2.23	Auto Update	<input type="checkbox"/>		
8/17/2014	2.13	Demand Update	<input type="checkbox"/>		
8/16/2014	1.45	Auto Update	<input type="checkbox"/>		
8/15/2014	3.06	Auto Update	<input type="checkbox"/>		
8/14/2014	2.97	Auto Update	<input type="checkbox"/>		
8/13/2014	1.69	Auto Update	<input type="checkbox"/>		
8/12/2014	2.49	Auto Update	<input type="checkbox"/>		
8/11/2014	2.70	Auto Update	<input type="checkbox"/>		
8/10/2014	2.68	Auto Update	<input type="checkbox"/>		
8/9/2014	2.38	Auto Update	<input type="checkbox"/>		
8/8/2014	2.94	Auto Update	<input type="checkbox"/>		
8/7/2014	1.86	Auto Update	<input type="checkbox"/>		
8/6/2014	2.35	Auto Update	<input type="checkbox"/>		
8/5/2014	3.63	Auto Update	<input type="checkbox"/>		
8/4/2014	1.36	Auto Update	<input type="checkbox"/>		
8/3/2014	1.81	Auto Update	<input type="checkbox"/>		
8/2/2014	1.56	Auto Update	<input type="checkbox"/>		
8/1/2014	1.82	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
9/30/2014	2.40	Auto Update	<input type="checkbox"/>		
9/29/2014	1.72	Auto Update	<input type="checkbox"/>		
9/28/2014	2.59	Auto Update	<input type="checkbox"/>		
9/27/2014	1.70	Auto Update	<input type="checkbox"/>		
9/26/2014	2.30	Auto Update	<input type="checkbox"/>		
9/25/2014	1.63	Auto Update	<input type="checkbox"/>		
9/24/2014	2.19	Auto Update	<input type="checkbox"/>		
9/23/2014	1.90	Auto Update	<input type="checkbox"/>		
9/22/2014	2.76	Auto Update	<input type="checkbox"/>		
9/21/2014	1.75	Auto Update	<input type="checkbox"/>		
9/20/2014	2.50	Auto Update	<input type="checkbox"/>		
9/19/2014	3.01	Auto Update	<input type="checkbox"/>		
9/18/2014	4.57	Demand Update	<input type="checkbox"/>		Engine offline between 9/4 and 9/17.
9/3/2014	3.84	Auto Update	<input type="checkbox"/>		
9/2/2014	3.36	Auto Update	<input type="checkbox"/>		
9/1/2014	3.24	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
10/31/2014	4.78	Auto Update	<input type="checkbox"/>		
10/30/2014	2.45	Auto Update	<input type="checkbox"/>		
10/29/2014	2.71	Demand Update	<input type="checkbox"/>		
10/28/2014	18.66	Demand Update	<input type="checkbox"/>		
10/27/2014	3.49	Auto Update	<input type="checkbox"/>		
10/26/2014	2.31	Auto Update	<input type="checkbox"/>		
10/25/2014	3.75	Auto Update	<input type="checkbox"/>		
10/24/2014	4.06	Auto Update	<input type="checkbox"/>		Engine offline between 10/21/14 and 10/23/14.
10/20/2014	2.66	Auto Update	<input type="checkbox"/>		
10/19/2014	2.78	Auto Update	<input type="checkbox"/>		
10/18/2014	2.57	Auto Update	<input type="checkbox"/>		
10/17/2014	2.74	Auto Update	<input type="checkbox"/>		
10/16/2014	2.54	Auto Update	<input type="checkbox"/>		
10/15/2014	1.74	Auto Update	<input type="checkbox"/>		
10/14/2014	2.57	Auto Update	<input type="checkbox"/>		
10/13/2014	2.35	Auto Update	<input type="checkbox"/>		
10/12/2014	1.55	Auto Update	<input type="checkbox"/>		
10/11/2014	3.24	Auto Update	<input type="checkbox"/>		
10/10/2014	2.24	Auto Update	<input type="checkbox"/>		
10/9/2014	1.22	Auto Update	<input type="checkbox"/>		
10/8/2014	1.81	Auto Update	<input type="checkbox"/>		
10/7/2014	1.57	Auto Update	<input type="checkbox"/>		
10/6/2014	1.11	Auto Update	<input type="checkbox"/>		
10/5/2014	0.98	Auto Update	<input type="checkbox"/>		
10/4/2014	1.13	Auto Update	<input type="checkbox"/>		
10/3/2014	1.28	Auto Update	<input type="checkbox"/>		
10/2/2014	2.94	Auto Update	<input type="checkbox"/>		
10/1/2014	1.83	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
11/30/2014	1.83	Auto Update	<input type="checkbox"/>		
11/29/2014	1.94	Auto Update	<input type="checkbox"/>		
11/28/2014	2.53	Auto Update	<input type="checkbox"/>		
11/27/2014	2.93	Auto Update	<input type="checkbox"/>		Engine offline between 11/7/14 and 11/26/14.
11/6/2014	3.39	Auto Update	<input type="checkbox"/>		
11/5/2014	2.99	Auto Update	<input type="checkbox"/>		
11/4/2014	2.42	Auto Update	<input type="checkbox"/>		
11/3/2014	3.02	Auto Update	<input type="checkbox"/>		
11/2/2014	3.14	Auto Update	<input type="checkbox"/>		
11/1/2014	3.81	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
12/30/2014	2.24	Auto Update	<input type="checkbox"/>		
12/29/2014	2.13	Auto Update	<input type="checkbox"/>		
12/28/2014	2.85	Auto Update	<input type="checkbox"/>		
12/27/2014	1.88	Auto Update	<input type="checkbox"/>		
12/26/2014	3.95	Auto Update	<input type="checkbox"/>		
12/25/2014	2.22	Auto Update	<input type="checkbox"/>		
12/24/2014	2.06	Auto Update	<input type="checkbox"/>		
12/23/2014	3.35	Auto Update	<input type="checkbox"/>		
12/22/2014	2.42	Auto Update	<input type="checkbox"/>		
12/21/2014	2.34	Auto Update	<input type="checkbox"/>		
12/20/2014	2.48	Auto Update	<input type="checkbox"/>		
12/19/2014	2.23	Auto Update	<input type="checkbox"/>		
12/18/2014	2.00	Demand Update	<input type="checkbox"/>		
12/17/2014	2.94	Auto Update	<input type="checkbox"/>		
12/16/2014	1.72	Auto Update	<input type="checkbox"/>		
12/15/2014	1.73	Auto Update	<input type="checkbox"/>		
12/14/2014	1.60	Auto Update	<input type="checkbox"/>		
12/13/2014	2.29	Auto Update	<input type="checkbox"/>		
12/12/2014	2.59	Auto Update	<input type="checkbox"/>		
12/11/2014	2.12	Auto Update	<input type="checkbox"/>		
12/10/2014	1.18	Auto Update	<input type="checkbox"/>		
12/9/2014	2.81	Auto Update	<input type="checkbox"/>		
12/8/2014	2.09	Auto Update	<input type="checkbox"/>		
12/7/2014	2.59	Auto Update	<input type="checkbox"/>		
12/6/2014	1.73	Auto Update	<input type="checkbox"/>		
12/5/2014	2.26	Auto Update	<input type="checkbox"/>		
12/4/2014	2.76	Auto Update	<input type="checkbox"/>		
12/3/2014	1.95	Auto Update	<input type="checkbox"/>		
12/2/2014	2.26	Auto Update	<input type="checkbox"/>		
12/1/2014	2.92	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
1/31/2015	0.69	Auto Update	<input type="checkbox"/>		
1/30/2015	2.24	Auto Update	<input type="checkbox"/>		
1/29/2015	1.51	Auto Update	<input type="checkbox"/>		Engine offline between 1/9/15 and 1/28/15.
1/8/2015	2.22	Auto Update	<input type="checkbox"/>		Engine offline between 12/31/14 and 1/7/15.

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
2/11/2015	3.31	Auto Update	<input type="checkbox"/>		
2/10/2015	3.31	Auto Update	<input type="checkbox"/>		
2/9/2015	1.43	Auto Update	<input type="checkbox"/>		
2/8/2015	3.48	Auto Update	<input type="checkbox"/>		
2/7/2015	2.82	Auto Update	<input type="checkbox"/>		
2/6/2015	5.53	Demand Update	<input type="checkbox"/>		
2/5/2015	1.43	Auto Update	<input type="checkbox"/>		
2/4/2015	1.02	Auto Update	<input type="checkbox"/>		
2/3/2015	2.10	Auto Update	<input type="checkbox"/>		
2/2/2015	1.38	Auto Update	<input type="checkbox"/>		
2/1/2015	1.44	Auto Update	<input type="checkbox"/>		

Date	Average	Method	Excursion	Duration	Cause/Corrective Action or Comments
3/31/2015	6.31	Auto Update	<input type="checkbox"/>		
3/30/2015	4.61	Auto Update	<input type="checkbox"/>		
3/29/2015	6.88	Auto Update	<input type="checkbox"/>		
3/28/2015	3.88	Auto Update	<input type="checkbox"/>		
3/27/2015	4.18	Demand Update	<input type="checkbox"/>		
3/26/2015	4.88	Auto Update	<input type="checkbox"/>		
3/25/2015	3.68	Auto Update	<input type="checkbox"/>		
3/24/2015	3.61	Auto Update	<input type="checkbox"/>		
3/23/2015	6.03	Auto Update	<input type="checkbox"/>		
3/22/2015	8.25	Auto Update	<input type="checkbox"/>		
3/21/2015	4.65	Auto Update	<input type="checkbox"/>		
3/20/2015	7.15	Demand Update	<input type="checkbox"/>		Engine offline between 2/12/15 and 3/19/15.

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.						Oil					
Engine Water Pump Belt No. A-168540		Fan Belt No. 5VX1800						Fan 5VX1800 [3]					
Year: 2014		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:				3/18/2014	4/2/2014				8/7/2014	9/23/2014	10/15/2014		
PM Number:				910721697	910723070					910745350			
Engine Oil Change				Yes	No					Yes			
Take Oil Sample for Analysis				No	No					Yes			
Engine Filter Change				Yes	No					Yes			
Compressor Oil Change				No	No					No			
Compressor Filler Change				Yes	No					Yes			
Set Valves				Yes	No					Yes			
Change Ignition Timer				No	No					No			
Inspect/Change Spark Plugs				Yes	Yes					Yes			
Set Timing				Yes	Yes					Yes			
Change Air Filters				No	No					Yes			
Change Pre-Air Filters				Yes	Yes					Yes			
Inspect Hoses				Yes	Yes					Yes			
Change Hoses				No	No					No			
Inspect Bells				Yes	Yes					Yes			
Change Bells				No	No					No			
Change 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				1,779	231					1,270			
Engine RPM				850	850					850			
(Permit Limit: N/A)													
Other Notes/Corrections:				2000hr service	1000hr service				engine assessed during Quarterly Emission Analysis - all systems ok	2000hr service	engine assessed during Quarterly Emission Screening Analysis - all systems ok		
total engine hours runtime >	151,575			153,354	153,585				DES	DES	DES	DES	
Operator Initials				DES	DES				DES	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. A-168540	Auxiliary Water Pump A199868A	Fan 5VX1800 [3]											
Year: 2015	Date:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
PM Number:	1/20/2015												
Engine Oil Change													
Take Oil Sample for Analysis													
Engine Filter Change													
Compressor Oil Change													
Compressor Filter Change													
Set Valves													
Change Ignition Timer													
Inspect/Change Spark Plugs													
Set Timing													
Change Air Filters													
Change Pre-Air Filters													
Inspect Hoses													
Change Hoses													
Inspect Belts													
Change Belts													
Change Fan / Water Pump													
Check Safety Shutdowns													
Change Converter													
Change O2 Sensor													
Inspect Fuel Control Valve													
Clean Carburetor													
Run-Time Hours Since Last Service													
Engine RPM													
(Permit Limit: N/A)													
Other Notes/Corrections:													
	engine assessed during Quarterly Emission Screening Analysis - all systems ok												
total engine hours runtime >													
Operator Initials													
Test Converter													
	Date												
	Result												
	Operator Initials												

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

Engine Location: Central Site C-102		Engine I.D.: Waukesha 7042 GL											
Oil Filter No.		Plug No. RTM 77N				Fan Belt No. 5VX1800				Oil Capacity _____ Gal.			
Engine Water Pump Belt No. A168540		Auxiliary Water Pump A199868A						Fan 5VX1800 [3]					
Year: 2014	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
Date:	1/27/2014				5/20/2014		7/18/2014			10/7/2014			
PM Number:	910714609						900580325			910747847			
Engine Oil Change					Yes		Yes			Yes			
Take Oil Sample for Analysis					No		No			Yes			
Engine Filter Change					Yes		Yes			Yes			
Compressor Oil Change					Yes		No			No			
Compressor Filter Change					Yes		No			Yes			
Set Valves					Yes		No			Yes			
Change Ignition Timer					Yes		No			No			
Inspect/Change Spark Plugs					Yes		Yes			Yes			
Set Timing					Yes		No			Yes			
Change Air Filters					Yes		No			No			
Change Pre-Air Filters					Yes		No			No			
Inspect Hoses					Yes		Yes			Yes			
Change Hoses					Yes		No			No			
Inspect Belts					Yes		Yes			Yes			
Change Belts					Yes		No			No			
Change Fan / Water Pump					Yes		No			No			
Check Safety Shutdowns					Yes		No			No			
Change Converter					No		No			No			
Change O2 Sensor					Yes		No			No			
Inspect Fuel Control Valve					Yes		No			Yes			
Clean Carburetor					Yes		No			No			
Run-Time Hours Since Last Service					5					1,503			
Engine RPM										850			
(Permit Limit: N/A)													
Other Notes/Corrections:					started on-line		changed oil during break in period			2000hr service			
Engine Overhauled 12/13/05													
110,729 Hrs													
Operator Initials					149,354		149,959			150,867			
Test Converter					VP		DES			DES			
Date													
Result													
Operator Initials													

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

Engine Location: Central Site C-102		Engine I.D.: Waukesha 7042 GL													
Oil Filter No.		Plug No. RTM 77N						Fan Belt No. 5VX1800						Oil Capacity _____ Gal.	
Engine Water Pump Belt No. A168540		Auxiliary Water Pump A199868A													
Year	2015	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC		
Date:	1/2/2015			3/3/2015	4/9/2015										
PM Number:	910758769			910766066	910771905										
Engine Oil Change	No	No	No	No	No	No	No	No	No	No	No	No	No		
Take Oil Sample for Analysis	No	No	No	No	No	No	No	No	No	No	No	No	No		
Engine Filter Change	No	No	No	Yes											
Compressor Oil Change	No	No	No	No	No	No	No	No	No	No	No	No	No		
Compressor Filter Change	No	No	No	No	Yes										
Set Valves	No	No	No	No	Yes										
Change Ignition Timer	No	No	No	No	No	No	No	No	No	No	No	No	No		
Inspect/Change Spark Plugs	Yes	Yes	Yes	Yes	Yes										
Set Timing	Yes	Yes	Yes	Yes	Yes										
Change Air Filters	No	No	No	No	No	No	No	No	No	No	No	No	No		
Change Pre-Air Filters	Yes	Yes	Yes	Yes	Yes										
Inspect Hoses	Yes	Yes	Yes	Yes	Yes										
Change Hoses	No	No	No	No	No	No	No	No	No	No	No	No	No		
Inspect Belts	Yes	Yes	Yes	Yes	Yes										
Change Belts	No	No	No	No	No	No	No	No	No	No	No	No	No		
Change Fan / Water Pump	No	No	No	No	No	No	No	No	No	No	No	No	No		
Check Safety Shutdowns	No	No	No	No	Yes										
Change Converter	No	No	No	No	No	No	No	No	No	No	No	No	No		
Change O2 Sensor	No	No	No	No	No	No	No	No	No	No	No	No	No		
Inspect Fuel Control Valve	Yes	Yes	Yes	Yes	Yes										
Clean Carburetor	No	No	No	No	No	No	No	No	No	No	No	No	No		
Run-Time Hours Since Last Service	507	507	567	859											
Engine RPM	850	850	850	850											
(Permit Limit: N/A)															
Other Notes/Corrections:	1000hr service			1000hr service	2000hr service										
Engine Overhauled 12/13/05															
110,729 Hrs.															
total engine hours runtime >	151,374			151,941	152,800										
Operator Initials	ljc			ljc	ljc										
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.: Waukesha 7042GL											
Oil Filter No.		Plug No. RTM77N .012			Fan Belt No. N/A			Oil Capacity _____ Gal.			Fan 5VX1800 [3]		
Engine Water Pump Belt No. A168540		Auxiliary Water Pump A199868A											
Year: 2014	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
Date:	1/28/2014				5/20/2014			8/7/2014	9/8/2014		11/5/2014		
PM Number:	910715305				910728887				910743660		910750798		
Engine Oil Change	No				Yes				No		Yes		
Take Oil Sample for Analysis	No				No				No		No		
Engine Filter Change	No				Yes				No		Yes		
Compressor Oil Change	No				No				No		No		
Compressor Filter Change	No				Yes				No		Yes		
Set Valves	No				Yes				No		Yes		
Change Ignition Timer	No				Yes				No		Yes		
Inspect/Change Spark Plugs	Yes				Yes				Yes		Yes		
Set Timing	Yes				Yes				Yes		Yes		
Change Air Filters	No				No				No		Yes		
Change Pre-Air Filters	Yes				Yes				Yes		Yes		
Inspect Hoses	Yes				Yes				Yes		Yes		
Change Hoses	No				No				No		No		
Inspect Belts	Yes				Yes				Yes		Yes		
Change Belts	No				No				No		No		
Change Fan / Water Pump	No				No				No		No		
Check Safety Shutdowns	No				No				No		No		
Change Converter	No				No				No		No		
Change O2 Sensor	No				No				No		No		
Inspect Fuel Control Valve	Yes				Yes				Yes		Yes		
Clean Carburetor	No				No				No		No		
Run-Time Hours Since Last Service	682				632				875		648		
Engine RPM	850				850				850		850		
(Permit Limit: _____)													
Other Notes/Corrections:	1000HR service				2000HR service			engine assessed during Quarterly Emission Screening Analysis - all systems ok	1000hr service		2000hr service		
total engine hours runtime >	153,275				154,107			154,962	154,962		155,631		
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: Central Site C-103		Engine I.D.: Waukesha 7042GL											
Oil Filter No.		Plug No. RTM77N .012			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No. A168540		Auxiliary Water Pump A199868A											
Year: 2015	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
Date:	1/6/2015												
PM Number:	910760248												
Engine Oil Change	No												
Take Oil Sample for Analysis	Yes												
Engine Filter Change	No												
Compressor Oil Change	No												
Compressor Filter Change	No												
Set Valves	No												
Change Ignition Timer	No												
Inspect/Change Spark Plugs	Yes												
Set Timing	No												
Change Air Filters	Yes												
Change Pre-Air Filters	No												
Inspect Hoses	Yes												
Change Hoses	No												
Inspect Belts	Yes												
Change Belts	No												
Change 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	939												
Engine RPM	850												
(Permit Limit: _____)													
Other Notes/Corrections:	1000hr service												
total engine hours runtime >		156,570											
Operator Initials	ljc												
Test Converter	Date												
	Result												
	Operator Initials												

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

Engine Location: Compressor Plant No. 2, Engine 1												
Engine I.D.: Waukesha 5790GU												
Oil Filter No. _____ Oil Capacity _____ Gal.												
Fan Belt No. N/A												
Auxiliary Water Pump A-199868												
Fan C-136												
Year: 2014	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/26/2014				6/11/2014	7/8/2014					
PM Number:		910714603					910731526					
Engine Oil Change		Yes					Yes					
Take Oil Sample for Analysis		No					Yes					
Engine Filter Change		Yes					Yes					
Compressor Oil Change		No					No					
Compressor Filter Change		Yes					Yes					
Set Valves		Yes					Yes					
Change Ignition Timer		No					No					
Inspect/Change Spark Plugs		Yes					Yes					
Set Timing		Yes					Yes					
Change Air Filters		Yes					Yes					
Change Pre-Air Filters		Yes					Yes					
Inspect Hoses		Yes					Yes					
Change Hoses		No					No					
Inspect Belts		Yes					Yes					
Change Belts		No					No					
Change 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					No					
Run-Time Hours Since Last Service		1,356					1,337					
Engine RPM		850					850					
(Permit Limit: _____)												
Other Notes/Corrections:												
							engine assessed during Quarterly Emission Screening Analysis - all systems ok					
							2000hr service					
total engine hours runtime >		33,730					35,393					
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.	Plug No. RM-77N	FAN BELT NO. N/A	Engine I.D.: Waukesha 5790GU									
Oil Capacity	Gal.											
Year: 2015	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Engine Water Pump Belt No. A-209617												
Date:	1/7/2015											
PM Number:	910758197											
Engine Oil Change	Yes											
Take Oil Sample for Analysis	Yes											
Engine Filter Change	Yes											
Compressor Oil Change	No											
Compressor Filter Change	Yes											
Set Valves	Yes											
Change Ignition Timer	No											
Inspect/Change Spark Plugs	Yes											
Set Timing	Yes											
Change Air Filters	Yes											
Change Pre-Air Filters	Yes											
Inspect Hoses	Yes											
Change Hoses	No											
Inspect Belts	Yes											
Change Belts	No											
Change Fan / Water Pump	No											
Check Safety Shutdowns	No											
Change Converter	Yes											
Change O2 Sensor	No											
Inspect Fuel Control Valve	Yes											
Clean Carburetor	No											
Run-Time Hours Since Last Service	1,386											
Engine RPM	850											
(Permit Limit: _____)												
Other Notes/Corrections:	2000/hr service											
total engine hours runtime >	36779											
Operator Initials	ljc											
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.	Engine I.D.: Waukesha 5790GU										Oil Capacity _____ Gal.	
Year: 2014	Plug No. RM-77N			Fan Belt No. N/A			Auxiliary Water Pump A-199868			Fan C-136		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/17/2014				6/11/2014		8/22/2014	9/4/2014			12/29/2014
PM Number:		910713558							910742384			910758280
Engine Oil Change		Yes							Yes			Yes
Take Oil Sample for Analysis		No						Yes				Yes
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
Inspect/Change Spark Plugs		Yes							Yes			Yes
Set Timing		Yes							Yes			Yes
Change Air Filters		Yes							No			Yes
Change Pre-Air Filters		Yes							Yes			Yes
Inspect Hoses		Yes							Yes			Yes
Change Hoses		No							No			No
Inspect Belts		Yes							Yes			Yes
Change Belts		No							No			No
Change 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		1,767							2,217			1,923
Engine RPM		850							850			850
(Permit Limit: _____)												
Other Notes/Corrections:		2000hr service				engine assessed during Quarterly Emission Screening Analysis - all systems ok		Oil analysis performed in lieu of engine service - PASSED	2000hr service			2000hr service
total engine hours runtime >		33,999							36,216			38,136
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												
Engine I.D.: Waukesha F3521GL												
Oil Filter No.	Plug No.	Fan Belt No.	Oil Capacity									
Year: 2014	Qty. 2	Qty. 2	Gal.	Gal.	Fan							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/14/2014			4/28/2014			7/9/2014	8/13/2014			11/12/2014	
PM Number:				91072139			910731527	900591207			910750979	
Engine Oil Change				Yes			No	Yes			No	
Take Oil Sample for Analysis				No			No	No			No	
Engine Filter Change				Yes			No	Yes			No	
Compressor Oil Change				No			No	No			No	
Compressor Filter Change				Yes			No	Yes			No	
Set Valves				Yes			No	Yes			No	
Change Ignition Timer				No			No	No			No	
Inspect/Change Spark Plugs				Yes			Yes	Yes			Yes	
Set Timing				Yes			Yes	Yes			Yes	
Change Air Filters				No			No	No			No	
Change Pre-Air Filters				Yes			Yes	Yes			Yes	
Inspect Hoses				Yes			No	Yes			No	
Change Hoses				No			No	No			No	
Inspect Belts				Yes			No	Yes			No	
Change Belts				No			No	No			No	
Change Fan / Water Pump				No			No	No			No	
Check Safety Shutdowns				No			No	No			No	
Change Converter				No			No	No			No	
Change O2 Sensor				Yes			No	No			No	
Inspect Fuel Control Valve				Yes			Yes	Yes			Yes	
Clean Carburetor				No			No	No			No	
Run-Time Hours Since Last Service				1,900			374	65			1,300	
Engine RPM				875			875	875			875	
(Permit Limit: _____)												
Other Notes/Corrections:				2000hr service			1000hr service	replace all plugs			1000 hr service	
engine overhaul 8/27/2010				engine assessed during Quarterly Emission Screening Analysis - all systems ok				replace all power heads 8/28/14 VP				
total engine hours runtime >				37,665			37,939	38,004			39,304	
Operator Initials				DES			DES	VP			DES	
Test Converter				Date			Result	Operator Initials				

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

Engine Location: GP2 Unit C-201		Engine I.D.: Waukesha F3521GL													
Oil Filter No.	Plug No. RTM77N	FAN BELT NO. N/A	Oil Capacity _____ Gal.												
Engine Water Pump Belt No.: A168540	Qty. 2	Auxiliary Water Pump 3VX800	Qty. 2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Year: 2015	Date:	1/26/2015	3/10/2015												
PM Number:	910761654	910768337													
Engine Oil Change	Yes	No													
Take Oil Sample for Analysis	Yes	Yes													
Engine Filter Change	Yes	No													
Compressor Oil Change	No	No													
Compressor Filter Change	Yes	No													
Set Valves	Yes	No													
Change Ignition Timer	No	No													
Inspect/Change Spark Plugs	Yes	Yes													
Set Timing	Yes	No													
Change Air Filters	No	No													
Change Pre-Air Filters	Yes	Yes													
Inspect Hoses	Yes	Yes													
Change Hoses	No	No													
Inspect Belts	Yes	Yes													
Change Belts	No	No													
Change Fan / Water Pump	Yes	No													
Check Safety Shutdowns	Yes	No													
Change Converter	No	No													
Change O2 Sensor	No	No													
Inspect Fuel Control Valve	Yes	Yes													
Clean Carburetor	No	No													
Run-Time Hours Since Last Service	1,150	806													
Engine RPM	850	850													
(Permit Limit: _____)															
Other Notes/Corrections: engine overhaul 8/27/2010	2000hr service, changed water pump.	1000hr service													
total engine hours runtime >	40,454	41260													
Operator Initials	tjc	tjc													
Test Converter	Date	Result	Operator Initials												

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

Engine Location: GP2 Unit C-202		Engine I.D.: Waukesha F3521GL											
Oil Filter No.	Plug No.: RTM77N	Auxiliary Water Pump 3VX800 Qty. 2										Fan N/A	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
		Year: 2014	Oil Capacity _____ Gal.										
Date:		1/8/2014			4/30/2014			7/9/2014	8/21/2014				12/3/2014
PM Number:					910727921			910736666	910740272				910754601
Engine Oil Change					yes			Yes	Yes				No
Take Oil Sample for Analysis					no			No	No				No
Engine Filter Change					yes			Yes	Yes				No
Compressor Oil Change					no			No	No				No
Compressor Filter Change					yes			No	Yes				No
Set Valves					yes			No	Yes				No
Change Ignition Timer					no			No	No				No
Inspect/Change Spark Plugs					yes			Yes	Yes				Yes
Set Timing					yes			No	Yes				No
Change Air Filters					no			No	No				No
Change Pre-Air Filters					yes			Yes	Yes				Yes
Inspect Hoses					yes			Yes	Yes				Yes
Change Hoses					no			No	No				No
Inspect Belts					yes			Yes	Yes				Yes
Change Belts					no			No	No				No
Change Fan / Water Pump					no			No	No				No
Check Safety Shutdowns					no			No	No				No
Change Converter					no			No	No				No
Change O2 Sensor					no			No	No				No
Inspect Fuel Control Valve					yes			Yes	Yes				Yes
Clean Carburetor					no			No	No				No
Run-Time Hours Since Last Service					1,919			1,339	998				842
Engine RPM					875			875	875				850
(Permit Limit: _____)													
Other Notes/Corrections:					2000hr service			1000hr service	2000hr service				1000 hr service
					engine assessed during Quarterly Emission Screening Analysis - all systems ok								
total engine hours runtime >		29,733			31,652			32,991	33,977				34,819
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: GP2 Unit C-202												Engine I.D.: Waukesha F3521GL											
Oil Filter No. _____												Oil Capacity _____ Gal.											
Plug No.: RTM77N												Fan Belt No. N/A											
Engine Water Pump Belt No. A168540 Qty. 2												Auxiliary Water Pump 3VX800 Qty. 2											
Year: 2015												Fan N/A											
Date:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC											
PM Number:			3/11/2015 910767381	4/14/2015 910772166																			
Engine Oil Change			Yes	No																			
Take Oil Sample for Analysis			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																			
Inspect/Change Spark Plugs			Yes	No																			
Set Timing			Yes	No																			
Change Air Filters			No	No																			
Change Pre-Air Fillers			Yes	No																			
Inspect Hoses			Yes	Yes																			
Change Hoses			No	No																			
Inspect Belts			Yes	Yes																			
Change Belts			Yes	No																			
Change Fan / Water Pump			No	No																			
Check Safety Shutdowns			Yes	No																			
Change Converter			No	No																			
Change O2 Sensor			No	No																			
Inspect Fuel Control Valve			Yes	Yes																			
Clean Carburetor			No	No																			
Run-Time Hours Since Last Service			731	658																			
Engine RPM			850	850																			
(Permit Limit: _____)																							
Other Notes/Corrections:			2000hr service	1000hr service																			
total engine hours runtime >																							
Operator initials												36,208											
Test Converter												ijc											
Date												ijc											
Result																							
Operator Initials																							

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

Engine Location: Waterflood 1-1												
Engine I.D.: White Superior 8G825												
Oil Filter No.	Plug No. D-14N			Fan Belt No. N/A			Oil Capacity _____ Gal.			Fan N/A		
Year: 2014	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Engine Water Pump Belt No. B-66 [4]												
Date:	1/17/2014	1/18/2014			5/6/2014	6/19/2014						
PM Number:		910717597			910726127	910734292						
Engine Oil Change		Yes			Yes	Yes						
Take Oil Sample For Analysis		No			No	No						
Engine Filter Change		Yes			Yes	Yes						
Compressor Oil Change		No			N/A	N/A						
Compressor Filter Change		No			N/A	N/A						
Set Valves		Yes			Yes	Yes						
Change Ignition Timer		No			No	No						
Inspect/Change Spark Plugs		Yes			Yes	Yes						
Set Timing		Yes			Yes	Yes						
Change Air Filters		Yes			No	No						
Change Pre-Air Filters		No			No	No						
Inspect Hoses		Yes			Yes	Yes						
Change Hoses		No			No	No						
Inspect Belts		Yes			Yes	Yes						
Change Belts		No			No	No						
Change Fan / Water Pump		No			No	No						
Check Safety Shutdowns		No			No	No						
Change Converter		No			Yes	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		1,498			1,852	841						
Engine RPM		900										
(Permit Limit: _____)												
Other Notes/Corrections:		change converter				1600hr service				ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14
total engine hours runtime >		80,137			81,989	82,830						
Operator Initials		DES			DRD	DRD						
Test Converter		DES										
Date												
Result												
Operator Initials												

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

Engine Location: **Waterflood 1-1** Engine I.D.: **White Superior 8G825**

Oil Filter No. _____ Plug No. D-14N _____ Fan Belt No. N/A _____ Oil Capacity _____ Gal.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Year: 2015												
Date:		2/17/2015										
PM Number:												
Engine Oil Change		Yes										
Take Oil Sample For Analysis												
Engine Filter Change		Yes										
Compressor Oil Change												
Compressor Filter Change												
Set Valves												
Change Ignition Timer												
Inspect/Change Spark Plugs												
Set Timing												
Change Air Filters												
Change Pre-Air Filters												
Inspect Hoses												
Change Hoses												
Inspect Belts		Yes										
Change Belts		No										
Change Fan / Water Pump												
Check Safety Shutdowns												
Change Converter												
Change O2 Sensor												
Inspect Fuel Control Valve												
Clean Carburetor												
Run-Time Hours Since Last Service												
Engine RPM		850										
(Permit Limit: _____)												
Other Notes/Corrections:		ENGINE Preparation for start up, SINCE 6/11/14 engine oil changed.										
total engine hours runtime >												
Operator Initials		ljc										
Test Converter												
Date												
Result												
Operator Initials												

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

Engine Location: Waterflood 1-2												
Oil Filter No.	Plug No. D-14N					Fan Belt No. N/A					Oil Capacity _____ Gal.	
Engine Water Pump Belt No. B-66 [4]	Engine I.D.: White Superior 8G825											
Year: 2014	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	2/18/2014	9/10/17/9/20			5/6/2014	6/19/2014						
PM Number:		910726130			910734295							
Engine Oil Change	Yes	Yes			Yes	Yes						
Take Oil Sample for Analysis	No	No			No	No						
Engine Filter Change	Yes	Yes			Yes	Yes						
Compressor Oil Change	No	No			N/A	N/A						
Compressor Filter Change	No	No			N/A	N/A						
Set Valves	Yes	Yes			Yes	Yes						
Change Ignition Timer	No	No			No	No						
Inspect/Change Spark Plugs	Yes	Yes			Yes	Yes						
Set Timing	Yes	Yes			N/A	N/A						
Change Air Filters	No	No			No	No						
Change Pre-Air Filters	No	No			No	No						
Inspect Hoses	Yes	Yes			Yes	Yes						
Change Hoses	No	No			No	No						
Inspect Belts	Yes	Yes			Yes	Yes						
Change Belts	No	No			No	No						
Change Fan / Water Pump	No	No			No	No						
Check Safety Shutoffs	No	No			No	No						
Change Converter	No	No			No	No						
Change O2 Sensor	No	No			No	No						
Inspect Fuel Control Valve	Yes	Yes			Yes	Yes						
Clean Carburetor	No	No			No	No						
Run-Time Hours Since Last Service		1,477			1,851	840						
Engine RPM		810			810							
(Permit Limit: _____)												
Other Notes/Corrections:												
		1600hr service			1600hr service	1600hr service						
							ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14	ENGINE DOWN SINCE 6/11/14
total engine hours runtime >		81,323			83,174	84,014						
Operator Initials		DES			DRD	DRD						
Test Converter												
Date												
Result												
Operator Initials												

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

Engine Location: **Waterflood 1-2** Engine I.D.: **White Superior 8G825**

Oil Filter No. _____ Plug No. **D-14N** Fan Belt No. **N/A** Oil Capacity _____ Gal.

	Auxiliary Water Pump N/A												Fan N/A		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC			
Year: 2015															
Date:		2/17/2015													
PM Number:															
Engine Oil Change		Yes													
Take Oil Sample for Analysis		Yes													
Engine Filter Change															
Compressor Oil Change															
Compressor Filter Change															
Set Valves															
Change Ignition Timer															
Inspect/Change Spark Plugs															
Set Timing															
Change Air Filters															
Change Pre-Air Filters															
Inspect Hoses															
Change Hoses															
Inspect Belts		Yes													
Change Belts		No													
Change Fan / Water Pump															
Check Safety Shutdowns															
Change Converter															
Change O2 Sensor															
Inspect Fuel Control Valve															
Clean Carburetor															
Run-Time Hours Since Last Service															
Engine RPM		850													
(Permit Limit: _____)															
Other Notes/Corrections:															
	ENGINE DOWN SINCE 6/11/14	Preparation for start up, engine oil changed.													
total engine hours runtime >															
Operator initials															
Test Converter	Date	Result	Operator initials												

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

Engine Location: **Gas Plant 7** Engine I.D.: **Detroit Diesel Emergency Standby Engine, Model 71237305**

Oil Filter No. _____ Fan Belt No. **N/A** Oil Capacity **10 Gal.**

Engine Water Pump Belt No.	Auxiliary Water Pump N/A												Fan N/A		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC			
Year: 2014															
Date:					5/8/2014										
PM Number:					910728134										
Engine Oil Change (Annually)					Yes										
Engine Filter Change (Annually)					Yes										
Inspect Air Filter (Annually)					Yes										
Replace Air Filter					Yes										
Inspect Hoses / Belts (Annually)					Yes										
Replace Hoses					No										
Replace Belts					No										
Replace Fan / Water Pump					No										
Other Notes/Corrections:															
5/8/14 - Full Tune-Up					563.19 Hrs										

Yes
No
N/A

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

Central Compressor Site

Date:	C-101	C-102	C-103	Glycol Heater
04/01/14	No Smoke	No Smoke	No Smoke	No Smoke
05/05/14	No Smoke	No Smoke	No Smoke	No Smoke
06/02/14	No Smoke	No Smoke	No Smoke	No Smoke
07/02/14	No Smoke	No Smoke	No Smoke	No Smoke
08/04/14	No Smoke	No Smoke	No Smoke	No Smoke
09/02/14	No Smoke	No Smoke	No Smoke	No Smoke
10/08/14	No Smoke	No Smoke	No Smoke	No Smoke
11/05/14	No Smoke	No Smoke	No Smoke	No Smoke
12/02/14	No Smoke	No Smoke	No Smoke	No Smoke
01/14/15	No Smoke	No Smoke	No Smoke	No Smoke
02/12/15	No Smoke	No Smoke	No Smoke	No Smoke
03/10/15	No Smoke	No Smoke	No Smoke	No Smoke

Gas Plant 7*

Date	High Pressure Flare	Low Pressure Flare	Heater 601A/602**
04/04/14	No Smoke	No Smoke	No Smoke
05/01/14	No Smoke	No Smoke	No Smoke
06/06/14	No Smoke	No Smoke	No Smoke
07/08/14	No Smoke	No Smoke	No Smoke
08/07/14	No Smoke	No Smoke	No Smoke
09/03/14	No Smoke	No Smoke	No Smoke
10/09/14	No Smoke	No Smoke	No Smoke
11/07/14	No Smoke	No Smoke	No Smoke
12/02/14	No Smoke	No Smoke	No Smoke
01/02/15	No Smoke	No Smoke	No Smoke
02/13/15	No Smoke	No Smoke	No Smoke
03/09/15	No Smoke	No Smoke	No Smoke

* Gas Plant 7 also has a diesel generator which operates only during emergencies or for maintenance/testing purposes. The generator was evaluated for visible emissions during the annual maintenance conducted on 5/8/14 and no smoke was identified.

** 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

Date	CP2-1	CP2-2	Taylor Flare
04/04/14	No Smoke	No Smoke	No Smoke
05/05/14	No Smoke	No Smoke	No Smoke
06/05/14	No Smoke	No Smoke	No Smoke
07/01/14	No Smoke	No Smoke	No Smoke
08/04/14	No Smoke	No Smoke	No Smoke
09/05/14	No Smoke	No Smoke	No Smoke
10/01/14	No Smoke	No Smoke	No Smoke
11/03/14	No Smoke	No Smoke	No Smoke
12/01/14	No Smoke	No Smoke	No Smoke
01/09/15	No Smoke	No Smoke	No Smoke
02/05/15	No Smoke	No Smoke	No Smoke
03/06/15	No Smoke	No Smoke	No Smoke

Gas Plant 2

Date	C-201	C-202
04/07/14	No Smoke	No Smoke
05/05/14	No Smoke	No Smoke
06/03/14	No Smoke	No Smoke
07/09/14	No Smoke	No Smoke
08/06/14	No Smoke	No Smoke
09/07/14	No Smoke	No Smoke
10/05/14	No Smoke	No Smoke
11/05/14	No Smoke	No Smoke
12/01/14	No Smoke	No Smoke
01/08/15	No Smoke	No Smoke
02/05/15	No Smoke	No Smoke
03/05/15	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

Date	WF1-1	WF1-2
04/01/14	No Smoke	No Smoke
05/05/14	No Smoke	No Smoke
06/06/14	No Smoke	No Smoke
07/20/14	No Smoke	No Smoke
08/12/14	No Smoke	No Smoke
09/29/14	No Smoke	No Smoke
10/12/14	No Smoke	No Smoke
11/13/14	No Smoke	No Smoke
12/30/14	No Smoke	No Smoke
01/28/15	No Smoke	No Smoke
02/17/15	No Smoke	No Smoke
03/11/15	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 2014	920	393	1,313	29,853
May 2014	1,090	465	1,555	28,966
June 2014	66,342	2,087	68,429	92,302
July 2014	1,796	424	2,220	93,515
August 2014	1,404	516	1,920	93,274
September 2014	882	421	1,303	92,478
October 2014	855	328	1,183	83,761
November 2014	1,040	329	1,369	84,162
December 2014	2,457	1,631	4,088	87,278
January 2015	783	351	1,134	87,171
February 2015	614	407	1,021	86,910
March 2015	8,126	446	8,572	94,107

*Limit: 126.5 MMCF/Yr (temporary increase per PTO 00041-1541)

Flaring not due to breakdown conditions is included in volume subject to the permit limit.

Taylor Flare

Month & Year	Kaldair Low-Pressure Flare MCF	12-Month Total Flare Volume MCF*
April 2014	0	2,550
May 2014	0	2,550
June 2014	40,029	41,223
July 2014	0	41,223
August 2014	0	41,215
September 2014	0	41,215
October 2014	1,482	42,577
November 2014	0	41,584
December 2014	0	41,584
January 2015	47	41,621
February 2015	6	41,564
March 2015	6	41,570

*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, VWSI-T403

Reporting Period		Liquid Throughput in Barrels	
Month & Year		CWTP Solids Tank Bbl / Month	12-Month Total Solids Tank Bbl*
2014	April	6,717	81,633
2014	May	15,869	87,090
2014	June	3,090	78,851
2014	July	3,100	70,531
2014	August	2,732	66,806
2014	September	5,165	70,159
2014	October	2,976	66,794
2014	November	5,350	68,607
2014	December	3,793	66,220
2015	January	2,942	61,943
2015	February	2,852	61,062
2015	March	11,566	66,152

*Limit: 1,277.5MBBL/Yr.

Lloyd Solids Tank, TWSI-T001

Month & Year		Lloyd Lease Solids Tank Bbl / Month	12-Month Total Solids Tank Bbl*
2014	April	44,137	673,255
2014	May	40,704	663,592
2014	June	50,724	668,973
2014	July	62,625	686,316
2014	August	53,786	702,373
2014	September	46,330	710,590
2014	October	47,921	704,398
2014	November	49,430	685,835
2014	December	55,324	664,973
2015	January	56,598	635,604
2015	February	56,822	627,362
2015	March	48,248	612,649

*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*
2014	April	44,137	673,255
2014	May	40,704	663,592
2014	June	50,724	668,973
2014	July	62,625	686,316
2014	August	53,786	702,373
2014	September	46,330	710,590
2014	October	47,921	704,398
2014	November	49,430	685,835
2014	December	55,324	664,973
2015	January	56,598	635,604
2015	February	56,822	627,362
2015	March	48,248	612,649

*Limit: 1,825 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 2014	2,699	21,311	0	7,578	1,780	30,036	58,925
May 2014	2,083	21,571	1,401	8,388	877	27,915	57,874
June 2014	1,528	21,944	1,251	9,637	1,008	24,694	56,275
July 2014	170	21,707	2,795	10,243	1,091	22,774	54,724
August 2014	4	20,802	1,809	11,254	2,222	21,835	53,891
September 2014	1,336	21,618	1,035	10,736	1,661	20,922	53,276
October 2014	561	21,316	1,590	9,888	2,109	21,029	52,233
November 2014	0	18,697	655	10,541	3,327	22,166	51,404
December 2014	1,759	18,298	592	11,133	2,039	21,714	51,145
January 2015	916	16,705	865	11,993	2,573	21,868	50,566
February 2015	1,432	15,506	2,264	14,257	3	20,288	50,051
March 2015	444	12,932	3,958	18,215	12	18,702	49,849

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 2014	383	17,721	2,546	15,582	33,303
May 2014	743	15,808	2,298	17,880	33,688
June 2014	637	14,368	2,383	19,673	34,041
July 2014	46	12,526	3,243	22,000	34,526
August 2014	654	11,436	2,594	23,478	34,914
September 2014	2,278	13,684	873	21,615	35,299
October 2014	2,149	15,637	1,009	20,098	35,735
November 2014	2,192	15,241	762	20,788	36,029
December 2014	929	13,596	2,063	22,832	36,428
January 2015	2,855	15,306	162	21,239	36,545
February 2015	2,719	16,840	107	19,765	36,605
March 2015	368	15,953	2,828	20,868	36,821

*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 L5790GU CP2-1		748-BHP Rich-Burn Waukesha NG Engine L5790GU CP2-2		Both Engines
	Meter No. 64 MCF	12-Month Total MCF	Meter No. 68 MCF	12-Month Total MCF	
April 2014	1,369	17,048	1,182	15,763	32,811
May 2014	1,515	17,142	1,036	15,122	32,264
June 2014	1,242	16,809	3	13,689	30,498
July 2014	1,488	16,861	1,134	13,163	30,024
August 2014	0	15,258	2,435	14,227	29,485
September 2014	1,244	15,793	1,218	13,394	29,187
October 2014	243	13,404	2,123	15,285	28,689
November 2014	1,679	14,011	857	14,521	28,532
December 2014	122	14,133	2,394	14,687	28,820
January 2015	2,082	14,429	397	14,248	28,677
February 2015	1,268	13,577	868	14,916	28,493
March 2015	1,468	13,720	1,103	14,750	28,470

*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 2014	3,245	31,000	3,110	30,634	61,634
May 2014	3,288	30,855	3,116	30,349	61,204
June 2014	1,084	28,730	1,048	27,986	56,716
July 2014	0	25,270	11	24,611	49,881
August 2014	0	21,621	0	21,160	42,781
September 2014	0	18,237	0	17,849	36,086
October 2014	0	16,455	0	15,974	32,429
November 2014	0	15,967	0	15,491	31,458
December 2014	0	15,221	0	14,672	29,893
January 2015	0	13,678	0	13,280	26,958
February 2015	421	11,231	405	10,918	22,149
March 2015	962	9,000	940	8,630	17,630

*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	8.0-MMBTU/Hour BYIS Heater No. 601A		14.25-MMBTU/Hour Wheco Heater No. 602 SN: WJ-81-009	
	Meter No. 761 MCF	12-Month Total MCF*	Meter No. 762 MCF	12-Month Total MCF*
April 2014	3,302	40,074	0	1,079
May 2014	3,481	39,875	0	1,079
June 2014	1,658	38,015	0	1,079
July 2014	3,380	37,844	0	977
August 2014	3,368	37,709	0	969
September 2014	3,314	37,679	0	968
October 2014	3,395	37,923	0	836
November 2014	3,348	38,113	0	648
December 2014	3,508	38,082	0	648
January 2015	3,531	38,038	0	648
February 2015	3,194	38,744	0	0
March 2015	3,546	39,025	0	0

*Limits:

71.4 MMCF/Yr for Heater 601A

78.9 MMCF/Yr for Heater 602 (designated "out of service" per PTO 00041-1551)

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 2014	1,064,891	12,489,924
May 2014	1,037,205	12,403,641
June 2014	490,976	11,915,044
July 2014	1,142,075	11,890,441
August 2014	1,060,666	11,860,841
September 2014	1,168,484	11,941,616
October 2014	1,096,795	11,970,512
November 2014	931,750	11,910,540
December 2014	1,027,056	11,940,619
January 2015	963,016	11,867,167
February 2015	904,283	11,870,444
March 2015	1,051,415	11,938,612

*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: 1,300 TPY

Reporting Period	Filter Aid Throughput	
Month & Year	WFP #4 Filter Aid Tons per Month	12-Month Total Filter Aid Tons per Year*
April 2014	85	943
May 2014	49	917
June 2014	50	878
July 2014	62	853
August 2014	63	830
September 2014	62	829
October 2014	74	828
November 2014	62	802
December 2014	64	796
January 2015	62	772
February 2015	51	759
March 2015	77	761

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 2014	14	267
May 2014	28	281
June 2014	30	297
July 2014	28	311
August 2014	28	325
September 2014	28	339
October 2014	28	339
November 2014	14	325
December 2014	36	318
January 2015	28	318
February 2015	14	304
March 2015	28	304

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 2014	22.0	175.0
May 2014	3.5	174.0
June 2014	7.0	181.0
July 2014	10.0	182.0
August 2014	16.0	191.0
September 2014	3.0	182.0
October 2014	0.0	169.0
November 2014	13.0	165.0
December 2014	35.0	179.0
January 2015	21.0	187.5
February 2015	19.0	195.5
March 2015	4.5	154.0

*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 2014	0	0
May 2014	0	0
June 2014	0	0
July 2014	0	0
August 2014	0	0
September 2014	0	0
October 2014	0	0
November 2014	0	0
December 2014	0	0
January 2015	0	0
February 2015	0	0
March 2015	0	0

*Limit: 20 Days/year (designated "out of service" per PTO 00041-1551)

AEROS ENVIRONMENTAL, INC.

SUMMARY OF RESULTS

Aera Energy LLC
 Lloyd Corporation Lease
 IC Engine Nos. C-201 & C-202

Project 010-8708A
 May 14 & 15, 2014
 PTO No. 00041

IC Engines

Unit	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMCF	PTO Limits
NOx						
IC Engine C-201	51	30	0.49	0.1104	116.80	2.03 lb/hr total
IC Engine C-202	50	31	0.51	0.1138	120.40	
Total			1.00			
CO						
IC Engine C-201	482	285	2.84	0.6355	672.36	7.65 lb/hr total
IC Engine C-202	558	345	3.43	0.7708	815.51	
Total			6.27			
ROC						
IC Engine C-201	174	103	0.59	0.1311	138.67	4.64 lb/hr total
IC Engine C-202	160	99	0.56	0.1262	133.49	
Total			1.15			
Comments: _____						

AEROS ENVIRONMENTAL, INC.

Summary Of Results

Aera Energy LLC
 Lloyd Corporation Lease
 IC Engine No. C-201

Project 010-8708A
 May 14, 2014
 Permit No. 00041

Pollutant	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	50	30	0.47	0.1086	114.90	
	51	30	0.49	0.1104	116.80	
	52	31	0.51	0.1122	118.71	
<i>Mean</i>	51	30	0.49	0.1104	116.80	45 ppm @ 15% O₂
CO	478	283	2.76	0.6317	668.34	
	481	284	2.83	0.6338	670.56	
	486	287	2.92	0.6410	678.18	
<i>Mean</i>	482	285	2.84	0.6355	672.36	4500 ppm @ 15% O₂
ROC C ₃ -C ₆₊ as C ₁	149.7	88.8	0.495	0.1131	119.66	
	181.8	107.4	0.610	0.1369	144.85	
	190.1	112.4	0.652	0.1432	151.50	
<i>Mean</i>	173.9	102.9	0.586	0.1311	138.67	750 ppm @ 15% O₂
Comments: _____						

AEROS ENVIRONMENTAL, INC.

Summary Of Results

Aera Energy LLC
 Lloyd Corporation Lease
 IC Engine No. C-202

Project 010-8708A
 May 15, 2014
 Permit No. 00041

Pollutant	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	52	32	0.53	0.1174	124.21	
	47	29	0.46	0.1062	112.36	
	52	32	0.53	0.1178	124.63	
<i>Mean</i>	50	31	0.51	0.1138	120.40	45 ppm @ 15% O ₂
CO	552	342	3.44	0.7633	807.57	
	568	353	3.41	0.7879	833.60	
	554	341	3.43	0.7612	805.35	
<i>Mean</i>	558	345	3.43	0.7708	815.51	4500 ppm @ 15% O ₂
ROC C ₃ -C ₆₊ as C ₁	156.5	96.9	0.558	0.1236	130.77	
	158.1	98.2	0.543	0.1253	132.57	
	165.0	101.5	0.583	0.1296	137.13	
<i>Mean</i>	159.9	98.9	0.561	0.1262	133.49	750 ppm @ 15% O ₂
Comments: _____						

AEROS ENVIRONMENTAL, INC.

Summary Of Results

Aera Energy LLC
 Waterflood Plant No. 1
 IC Engine WF1-1

Project 010-8708B
 May 22, 2014
 PTO No. 00041

Pollutant	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	23	6	0.11	0.0235	24.79	0.58 lb/hr and 25 ppm @ 15% O ₂
	21	6	0.11	0.0221	23.32	
	21	6	0.11	0.0214	22.58	
<i>Mean</i>	22	6	0.11	0.0223	23.56	
CO	8673	2460	26.58	5.4831	5784.67	63.50 lb/hr and 4500 ppm @ 15% O ₂
	8892	2523	26.98	5.6243	5933.64	
	8994	2552	28.07	5.6888	6001.68	
<i>Mean</i>	8853	2512	27.21	5.5987	5906.66	
ROC C ₃ -C ₆₊ as C ₁	1.2	0.4	0.002	0.0004	0.42	0.11 lb/hr and 250 ppm @ 15% O ₂
	1.2	0.4	0.002	0.0004	0.42	
	0.9	0.3	0.002	0.0003	0.32	
	<i>Mean</i>	1.1	0.4	0.002	0.0004	
Comments: _____						

AEROS ENVIRONMENTAL, INC.

Summary Of Results

Aera Energy LLC
 Waterflood Plant No. 1
 IC Engine WF1-2

Project 010-8708B
 May 22, 2014
 PTO No. 00041

Pollutant	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx	49	14	0.23	0.0510	53.81	0.58 lb/hr and 25 ppm @ 15% O ₂
	50	14	0.23	0.0520	54.86	
	52	15	0.24	0.0535	56.44	
<i>Mean</i>	50	14	0.23	0.0522	55.04	
CO	5963	1694	16.95	3.7753	3982.94	63.50 lb/hr and 4500 ppm @ 15% O ₂
	5994	1703	17.04	3.7949	4003.62	
	6400	1816	18.00	4.0481	4270.75	
<i>Mean</i>	6119	1738	17.33	3.8728	4085.77	
ROC C ₃ -C ₆₊ as C ₁	0.9	0.3	0.001	0.0003	0.32	0.09 lb/hr and 250 ppm @ 15% O ₂
	0.9	0.3	0.001	0.0003	0.32	
	1.2	0.4	0.002	0.0004	0.42	
<i>Mean</i>	1.0	0.3	0.001	0.0003	0.35	
Comments: _____						

AEROS ENVIRONMENTAL, INC.
Summary Of Results

Aera Energy LLC
Gas Plant 7
BYIS Heater No. 601A

Project 010-8776
July 10, 2014
PTO No. 00041

Pollutant	%	ppm	ppm @ 3% O ₂	lb/hr	lb/MMBtu	lb/MMCF	Permit Limits
NOx		10	9	0.05	0.0114	11.79	12 ppm @ 3% O ₂ and 0.12 lb/hr
		10	9	0.06	0.0110	11.37	
		10	10	0.06	0.0118	12.26	
Mean		10	9	0.06	0.0114	11.81	
CO		93	88	0.30	0.0648	67.30	400 ppm @ 3% O ₂ and 2.36 lb/hr
		118	112	0.43	0.0825	85.62	
		81	77	0.28	0.0564	58.58	
Mean		97	92	0.34	0.0679	70.50	
O ₂	2.04						
	2.09						
	2.03						
Mean	2.05						
Comments: _____							

Order 910719584 PREV Preventative Maintenance
 Description VN-APCD RULE 64 REQUIREMENTS GAS PLANT 7
 Start /End date 04/21/2014 - 10/18/2014
 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: Mike Canada DATE: 10/5/14
 AS FOUND:
 AS LEFT: NO visual Defects found. H2S @ ppm
 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
<i>Work center</i>	OPER	VN00			Operator, RS
	3926338				
<i>Work</i>	2.0	HR	<i>Number</i>	1	<i>Actual Hours</i>

ANALYZE FUEL GAS ANNUALLY

GENERAL REQUIREMENTS FOR GAS PLANT 7:

ANNUALLY ANALYZE FUEL GAS USING ASTM D 4810-88 (Draeger 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 307-94 or ASTM D1072-90) can be run to determine compliance.

Retention CY+5
SOE Element 7
Retention Schedule 060155-184

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

T:\Coastal\Ventura\GasPlants\PSM\Operating Procedures\Temp Draeger Tube H2S Testing.doc

End of report



Date of Report: 09/29/2014

Bart Lewis

Aera Energy
3382 North Ventura Ave
Ventura, CA 93001

Client Project: Pit V127
BCL Project: Annual Sampling
BCL Work Order: 1422333
Invoice ID: B184585

Enclosed are the results of analyses for samples received by the laboratory on 9/23/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Kerrie Vaughan
Client Services

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Table of Contents

Sample Information	
Chain of Custody and Cooler Receipt form.....	3
Laboratory / Client Sample Cross Reference.....	5
Sample Results	
1422333-01 - V127	
Purgeable Aromatics and Total Petroleum Hydrocarbons.....	6
1422333-02 - Trip Blank	
Purgeable Aromatics and Total Petroleum Hydrocarbons.....	7
Quality Control Reports	
Purgeable Aromatics and Total Petroleum Hydrocarbons	
Method Blank Analysis.....	8
Laboratory Control Sample.....	9
Precision and Accuracy.....	10
Notes	
Notes and Definitions.....	11

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BC LABORATORIES INC.		COOLER RECEIPT FORM		Rev. No. 18	09/04/14	Page	Of				
Submission #: <u>1422333</u>											
SHIPPING INFORMATION Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/>					
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.97</u> Container: <u>VOAS</u> Thermometer ID: <u>207</u> Temperature: (A) <u>0.3</u> °C (C) <u>0.5</u> °C		Date/Time: <u>7-23-19 1725</u> Analyst Init: <u>H</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL											
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											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
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											
40ml EPA 547											
40ml EPA 531.1											
Box Amber 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											
SMART KIT											
Summa Canister											

Comments: _____
 Sample Numbering Completed By: PH Date/Time: 7-23-19 1835 (S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC)

A = Actual / C = Corrected



Aera Energy
3382 North Ventura Ave
Ventura, CA 93001

Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1422333-01	COC Number:	---	Receive Date:	09/23/2014 17:25
	Project Number:	---	Sampling Date:	09/23/2014 12:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	V127	Lab Matrix:	Water
	Sampled By:	Jerry Mason	Sample Type:	Water
1422333-02	COC Number:	---	Receive Date:	09/23/2014 17:25
	Project Number:	---	Sampling Date:	09/23/2014 00:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Trip Blank	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Blank Water

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Aera Energy
3382 North Ventura Ave
Ventura, CA 93001

Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1422333-01	Client Sample Name: V127, 9/23/2014 12:15:00PM, Jerry Mason
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	270	ug/L	50	5.0	Luft	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	133	%	70 - 130 (LCL - UCL)		Luft		A19,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	Luft	09/24/14	09/24/14 17:31	jjh	GC-V9	1	BX12281

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Ventura, CA 93001

Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID:	1422333-02	Client Sample Name:	Trip Blank, 9/23/2014 12:00:00AM
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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)	97.6	%	70 - 130 (LCL - UCL)		Luft			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	Luft	09/24/14	09/24/14	17:11	jjh	GC-V9	1	BXI2281

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Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXI2281						
Gasoline Range Organics (C4 - C12)	BXI2281-BLK1	ND	ug/L	50	5.0	
a,a,a-Trifluorotoluene (FID Surrogate)	BXI2281-BLK1	87.0	%	70 - 130 (LCL - UCL)		

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Aera Energy
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Ventura, CA 93001

Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

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
								Percent Recovery	RPD	
QC Batch ID: BXI2281										
Gasoline Range Organics (C4 - C12)	BXI2281-BS1	LCS	864.27	1000.0	ug/L	86.4		85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BXI2281-BS1	LCS	35.093	40,000	ug/L	87.7		70 - 130		

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Aera Energy
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Ventura, CA 93001

Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	Percent Recovery	
QC Batch ID: BX12281		Used client sample: N								
Gasoline Range Organics (C4 - C12)	MS	1422328-02	ND	966.92	1000.0	ug/L		96.7		70 - 130
	MSD	1422328-02	ND	868.71	1000.0	ug/L	10.7	86.9	20	70 - 130
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1422328-02	ND	34.733	40.000	ug/L		86.8		70 - 130
	MSD	1422328-02	ND	34.040	40.000	ug/L	2.0	85.1		70 - 130

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Ventura, CA 93001

Reported: 09/29/2014 10:08
Project: Annual Sampling
Project Number: Pit V127
Project Manager: Bart Lewis

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
- A19 Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
- S09 The surrogate recovery on the sample for this compound was not within the control limits