



May 15, 2018

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, 2017
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, 2017 through March 31, 2018 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, appearing to read "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
2018 MAY 15 PM 4: 08
A.P.C.D.

**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, 2017 – MARCH 31, 2018**

MAY 15, 2018



**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: Title:  Vice President-Operations	Date: 5/10/18
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Time Period Covered by Compliance Certification <u>04/01/17</u> (MM/DD/YY) to <u>03/31/18</u> (MM/DD/YY)



**ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM**

Period Covered by Compliance Certification: 04/01/17 (MM/DD/YY) to 03/31/18 (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: 4/16/2017 5:58:00AM End: 4/16/2017 6:03:00AM When Discovered: 4/16/2017 5:58:00AM</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 UPS malfunctioned which caused the vapor recovery compressors to lose power, resulting in a loss of vapor control for the tanks at the Riverbottom Production Facility.</p>		<p>H. Corrective actions taken: The UPS was repaired which allowed power to be restored to the vapor recovery compressors.</p>

<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: 4/18/2017 10:00:00AM End: 4/18/2017 11:15:00AM When Discovered: 4/18/2017 10:00:00AM</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: An electrical circuit failed which resulted in a loss of vapor control for the tanks at the Central and D&N dehy facilities.</p>		<p>H. Corrective actions taken: Once power was restored, the vapor recovery compressors returned to normal operation.</p>

<p>A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1</p>	<p>B. Equipment Description: 1 - 3000 BBL PWT / LACT (T-430A) VR</p>	<p>C. Deviation Period: Date & Time Begin: 4/20/2017 10:30:00AM End: 4/21/2017 9:45:00AM When Discovered: 4/20/2017 10:30:00AM</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 3rd party inspection, a leaking Varec (>10K ppm) was identified on the 3,000 bbl produced water tank (T-430A) at the River Bottom Production Facility.</p>		<p>H. Corrective actions taken: Debris was removed from the seals allowing the Varec to reseal properly.</p>



**ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM**

Period Covered by Compliance Certification: 04/01/17 (MM/DD/YY) to 03/31/18 (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: 7/10/2017 8:14:00PM End: 7/11/2017 10:52:00AM When Discovered: 7/10/2017 8:14:00PM</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: An SCE power outage caused all the high pressure water injection pumps to fail on Taylor lease. This in turn backed up water into the filtered water tank (T-102), overflowing into the vacuum VR line.</p>		<p>H. Corrective actions taken: Liquids were removed from the vacuum lines which allowed the VR system to resume normal operation.</p>

<p>A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1</p>	<p>B. Equipment Description: 1 - 3000 BBL LACT Tank (T-420A) VR</p>	<p>C. Deviation Period: Date & Time Begin: 10/10/2017 11:15:00AM End: 10/10/2017 4:00:00PM When Discovered: 10/10/2017 11:15:00AM</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 3rd party inspection, a leaking Varec (>10K ppm) was identified on the 3,000 bbl LACT tank (T-420A) at the River Bottom Production Facility.</p>		<p>H. Corrective actions taken: The seals were cleaned which allowed the Varec to reseal properly.</p>

<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: 10/24/2017 4:03:00PM End: 10/24/2017 4:18:00PM When Discovered: 10/24/2017 4:03:00PM</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: Southern California Edison power outage caused VRU compressors to go down on the Taylor lease and at the River Bottom Production facility.</p>		<p>H. Corrective actions taken: The VRU compressors resumed normal operation once power was restored.</p>



**ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM**

Period Covered by Compliance Certification: 04/01/17 (MM/DD/YY) to 03/31/18 (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: 12/4/2017 9:53:00PM End: 12/21/2017 10:50:00AM When Discovered: 12/4/2017 9:53:00PM</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 Thomas Fire destroyed most of the electrical infrastructure on the lease. Therefore, the vapor recovery compressors were not operational.</p>		<p>H. Corrective actions taken: Once SCE was able to supply power and internal electrical infrastructure was repaired/replaced, the VRU's resumed normal operation.</p>

<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: 12/28/2017 10:04:00AM End: 12/28/2017 11:58:00AM When Discovered: 12/28/2017 10:04:00AM</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: A leak on the ATMO gas gathering line forced production to be shut-in. The VRU compressors went down due to lack of available gas supply, causing tanks to vent on the Taylor lease.</p>		<p>H. Corrective actions taken: The leak on the ATMO gas line was repaired, production resumed on the Taylor lease, and the VRU compressors resumed normal operation.</p>

<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: 2/16/2018 2:20:00PM End: 2/16/2018 5:58:00PM When Discovered: 2/16/2018 2:20:00PM</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: A leak on the ATMO gas gathering line forced production to be shut-in. The VRU compressors went down due to lack of available gas supply, causing tanks to vent on the Taylor lease.</p>		<p>H. Corrective actions taken: The leak on the ATMO gas line was repaired, production resumed on the Taylor lease, and the VRU compressors resumed normal operation.</p>



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/17 (MM/DD/YY) to 03/31/18 (MM/DD/YY)

A. Attachment # or Permit Condition # Rule, 71.1.C Rule Condition No: 1	B. Equipment Description: FACILITY-WIDE REQUIREMENTS	C. Deviation Period: Date & Time Begin: 2/22/2018 10:25:00PM End: 2/22/2018 11:06:00PM When Discovered: 2/23/2018 7:00:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: Both Lloyd vapor recovery compressors malfunctioned, one due to high vibration and the other due to liquids in the suction scrubber. These issues caused tanks to vent at the Lloyd Tank Farm.		H. Corrective actions taken: The malfunctions were cleared and the vapor recovery compressors resumed normal operation.



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
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<u>COLUMN 1</u> Citation	<u>COLUMN 2</u> Compliance Status (As indicated by most recent monitoring measurement or observation)	<u>COLUMN 3</u> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<u>COLUMN 4</u> Method for determining Compliance Status.	<u>COLUMN 5</u> 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	
40CFR70 Cond 3	In Compliance	Continuous	Documentation of prompt reporting and followup deviation reports	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
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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 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	Reference Condition	
40CFR70 Cond 9	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 10	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 11	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 12	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 13	In Compliance	Continuous	Reference Condition	
40CFR70 Cond 14	In Compliance	Continuous	Documentation of Title V five year renewal	
40CFR70 Cond 15	In Compliance	Continuous	Documentation of Certification by Responsible Official	
40CFR82 Cond 1	In Compliance	Continuous	Documentation of Annual Certification submittals	
40CFR82 Cond 2	In Compliance	Continuous	Work Practices – Refrigeration System Compliance	
50 Cond 1	In Compliance	Continuous	Work Practices – Refrigeration System Compliance	
50 Cond 2	In Compliance	Continuous	Work Practices - Visible Emissions	
			Documentation of visible emissions	



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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 fuel sulfur analysis and modeling data	
54.B.2 Cond 3	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	
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	



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Company Name: Aera Energy LLC		Permit: 0041		
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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	Vapor recovery compressors for the Riverbottom Production Facility went down due to an internal power failure resulting in produced gas not being directed to a fuel or sales gas system or a flare. Breakdown relief requested and granted. Event Date: 04/16/2017
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	Vapor recovery compressors for the Riverbottom Production Facility when down due to an internal power failure resulting in produced gas not being directed to a fuel or sales gas system or a flare. Breakdown relief requested and granted. Event Date: 04/18/2017



Ventura County Air Pollution Control District

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<u>COLUMN 1</u> Citation	<u>COLUMN 2</u> Compliance Status (As indicated by most recent monitoring measurement or observation)	<u>COLUMN 3</u> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<u>COLUMN 4</u> Method for determining Compliance Status.	<u>COLUMN 5</u> 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	An SCE power failure resulted in ROC vapors for the tanks at Waterflood 4 not being directed to a fuel gas system, sales gas system, or a flare. Breakdown relief requested and granted. Event Date: 07/10/2017
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors for the Taylor and River Bottom Production Facility went down due to an external (Edison) power failure 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: 10/24/2017
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	All vapor recovery compressors leasewide lost power due to the Thomas Fire resulting in ROC vapors not being directed to a fuel gas system, sales gas system, or a flare. Event Date: 12/04/2017
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors for the Taylor lease went down due to a leak on the ATMO gas line 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: 12/28/2017



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
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<u>COLUMN 1</u> Citation	<u>COLUMN 2</u> Compliance Status (As indicated by most recent monitoring measurement or observation)	<u>COLUMN 3</u> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<u>COLUMN 4</u> Method for determining Compliance Status.	<u>COLUMN 5</u> 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	The vapor recovery compressors for the Taylor lease went down due to a leak on the ATMO gas line 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: 02/16/2018
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The Lloyd vapor recovery compressors went down due to compressor malfunctions 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: 02/22/2018
71.1.C Cond 2	In Compliance	Continuous	Reference Condition	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
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<u>COLUMN 1</u> Citation	<u>COLUMN 2</u> Compliance Status (As indicated by most recent monitoring measurement or observation)	<u>COLUMN 3</u> Determination Method: "CONTINUOUS" OR "INTERMITTENT"	<u>COLUMN 4</u> Method for determining Compliance Status.	<u>COLUMN 5</u> Additional Information (excursions, exceedences, or additional data that indicated non compliance during the certification period)
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	
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 and Related Equipment Inspection	
74.10 Cond 3	In Compliance	Continuous	Reference Condition	
74.10 Cond 4	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
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74.10 Cond 5	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 6	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 7	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 8	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 9	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 10	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 11	In Compliance	Continuous	Reference Condition	
74.10 Cond 12	In Compliance	Continuous	Reference Condition	
74.10 Cond 13	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 14	In Compliance	Continuous	Reference Condition	
74.10 Cond 15	In Compliance	Continuous	Reference Condition	
74.10 Cond 16	In Compliance	Continuous	Reference Condition	
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	



Ventura County Air Pollution Control District

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



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC		Permit: 0041		
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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 34	In Compliance	Continuous	Reference Condition	
74.10 Cond 35	In Compliance	Continuous	Reference Condition	
74.10 Cond 36	In Compliance	Continuous	Reference Condition	
74.11.1 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	
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 NOx requirements and California Air Resources Board PERP registration	
74.16 Cond 5	In Compliance	Continuous	Documentation of source test report upon District request	
74.16 Cond 6	In Compliance	Continuous	Documentation of cost analysis records	
74.2 Cond 1	In Compliance	Continuous	Work Practices - Architectural Coatings	



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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	
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	Work Practices - Tank Degassing	
74.26 Cond 5	In Compliance	Continuous	Documentation of storage tank exemption records	



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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	
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	



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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	
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 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	



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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	
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 (TWCFT400) 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	



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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	
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	



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Equipment: 1- 1050 MMBTU/Hr John Zink Hydra 8" Flare Revised on 4/1/2016				
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 4/1/2016				
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	



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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 4/1/2016					
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		
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		



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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	
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 3/14/2018				
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	



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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	
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 4/1/2016				
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	



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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	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	



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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	
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	



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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	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
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				
71.5N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
71.5N1 Cond 4	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.5N1 Cond 5	In Compliance	Continuous	Documentation of glycol unit records	
71.5N1 Cond 6	In Compliance	Continuous	Documentation of equipment configuration /leak inspections and Annual Certification by Responsible Official	
Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-101) Revised on 4/1/2014				



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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	
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	



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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: 1103 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-102) Revised on 4/1/2016				
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	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	



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74.9N4 Cond 3	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N4 Cond 4	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N4 Cond 5	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N4 Cond 6	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N4 Cond 7	In Compliance	Continuous	Documentation of Annual Certification submittals	
Equipment: 1108 BHP Lean Burn NG Waukesha Engine Model L7042GL (C-103) Revised on 4/1/2016				
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	



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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	
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 - 0.855 MMBTU/HR NG Glycol Reboiler UNC 1 - 11 BBL Glycol Condensation Tank VR Revised on 4/1/2014				
71.5N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	



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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 4/1/2016				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records	
Equipment: 856 - Oil Wells Revised on 10/1/2009				
0041PC1 Cond 4	In Compliance	Continuous	Documentation of equipment configuration	
Equipment: 70 - 500 BBL Portable Tanks Revised on 1/5/2016				
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	



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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: 69 - 500 BBL Portable Tanks Revised on 3/14/2018					
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		
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 4/1/2016					
0041PC5 Cond 1	In Compliance	Continuous	Documentation of operating logs		
0041PC5 Cond 2	In Compliance	Continuous	Documentation of operating logs		
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records		
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		



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0041PC11 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC11 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records	
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	
0041ZZZZN3 Cond 4	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZZN3 Cond 5	In Compliance	Continuous	Documentation of operating records	
0041ZZZZN3 Cond 6	In Compliance	Continuous	Documentation of operating logs and maintenance logs	
0041ZZZZN3 Cond 7	In Compliance	Continuous	Documentation of fuel delivery records	
0041ZZZZN3 Cond 8	In Compliance	Continuous	Documentation of fuel delivery records	
0041ZZZZN3 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	



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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	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- 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		



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0041PC3 Cond 1	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 3	In Compliance	Continuous	Documentation of source test reports	
0041PC3 Cond 4	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 7	In Compliance	Continuous	Reference Condition	
0041PC9 Cond 1	In Compliance	Continuous	Documentation of electrical power source	
0041PC9 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
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 31	In Compliance	Continuous	Records of fuel consumption	
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	



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0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Solids Processing System	
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	
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 4/1/2016				
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	



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records	
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				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



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71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74, 10 leak inspections and 74, 10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
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	
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	



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications		
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities		
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official		
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		
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					



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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 3000 BBL LACT Tank (T-420A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking Varec (>10K ppm) on the 3,000 bbl LACT tank (T-420A) was identified resulting in vapors not being directed to a fuel or sales gas system or a flare. Breakdown relief requested and granted. Event Date: 10/10/2017
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



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71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 3000 BBL PWT / LACT (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 PWT / LACT (T-430A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking Varec (>10K ppm) on the 3,000 bbl produced water tank (T-430A) was identified resulting in vapors not being directed to a fuel or sales gas system or a flare. Breakdown relief requested and granted. Event Date: 04/20/2017



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 5000 bbl FWKO/Wash. Tank (TOLD-T330A) 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 C-Block LACT Tank (TOLD-T310A) VR Revised on 4/1/2014				



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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
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	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



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Equipment: 5000 BBL PWT Pre-Wemco Tank / LACT 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 / LACT 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	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
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 Emergency / Standby / Blowdown Tank Revised on 1/5/2016				
0041PC15 Cond 1	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 2	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 3	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 4	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	



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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 - 20,000 BBL PWT/LACT Tank (T-204A), 32"H x 67'D VR Revised on 3/14/2018				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 2- 500 BBL Emergency/ Standby/ Blowdown Tanks Revised on 1/5/2016				
0041PC15 Cond 1	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 2	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 3	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 4	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
Equipment: 1 - 500 BBL Emergency/Standby/Blowdown Tank Revised on 3/14/2018				
0041PC15 Cond 1	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 2	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 3	In Compliance	Continuous	Documentation of Inspection and Liquid Removal Logs	
0041PC15 Cond 4	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
Equipment: 1 - 5000 BBL PWT Blended Water Tank (WVCP T500) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	



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71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1- 4000 BBL PWT Pre-Wemco Tank (VWCP-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- 3000 BBL PWT Brine Tank (VWCP-T300) VR Revised on 4/1/2014				



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71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration		
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications		
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities		
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official		
Equipment: 1- 2000 BBL FWT 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		
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official		



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Equipment: 1- 1000 BBL PWT Overflow Tank (VWCP-T100) 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 - 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		
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan		
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities		



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71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 1000 BBL Solids Tank, COST (VWSI-T403) 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 - 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	



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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	



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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	
74.9N3 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	



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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	
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	
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	



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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-T101) 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 - 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		



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71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 7,000 CF (48" x 21.5' O.D.) Filter Agent Silo w/DCE Siloair Dust Filter Model VS15KS3 (VWP4-S001) Revised on 4/1/2016				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC12 Cond 1	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC12 Cond 2	In Compliance	Continuous	Documentation of maintenance records and Annual Certification by Responsible Official	
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records	
Equipment: 1 - 292 MMBTU/Hr Kaldair Low Pressure Flare Revised on 4/1/2016				
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	



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0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
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	
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	



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74.9N3 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	
74.9N3 Cond 3	In Compliance	Continuous	Documentation of quarterly engine screening analysis	
74.9N3 Cond 4	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
74.9N3 Cond 5	In Compliance	Continuous	Documentation of I.C. engine inspection logs	
74.9N3 Cond 6	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N3 Cond 7	In Compliance	Continuous	Records of emissions testing	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L5790GU (CP2-1) NSCR Revised on 3/14/2018				
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	



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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	Documentation of emission test records		
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records		
Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L5790GU (CP2-2) NSCR Revised on 4/1/2014					



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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	
74.9N3 Cond 3	In Compliance	Continuous	Documentation of quarterly engine screening analysis	



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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	
Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L5790GU (CP2-2) NSCR Revised on 3/14/2018				
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	



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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	Documentation of emission test records		
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records		

Aera Energy LLC

Ventura Unit

Permit 00041

Annual Compliance Certification

April 1, 2017 – March 31, 2018

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.

Biennial Source Test Results

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

- Taylor Lease (Compressor Plant No. 2), IC Engine CP2-1, May 3, 2017
- Taylor Lease (Compressor Plant No. 2), IC Engine CP2-2, May 4, 2017

Rule 64.B.1 Compliance

The fuel test was performed by Aera personnel on 4/16/17 and the results were 0.3 ppm for H₂S. The method used for this test was ASTM D 4810-88.

Rule 64.B.2 Compliance

The emergency generator at Gas Plant 7 utilizes only ARB-certified diesel fuel (see attached).

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
- 1 – 625 BHP Rich Burn White NG Engine, Model 8G825 (WF1-1) NSCR
- 1 – 625 BHP Rich Burn White NG Engine, Model 8G825 (WF1-2) NSCR
- 1 – 300 sqft. Pit (V127) Exempt < 5 mg/l

Internal Combustion Engine Emissions Test Results

Analyzer Type: Testo

Year: 2017-18

						Runtime Hours			
						Quarter 2, 2017			
Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Apr	May	Jun	Corrective Actions
C-101*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-102*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-103*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-201*	4/11/2017	10.85	NOx	29ppm	TJC	298	11	37	
			CO	331.7ppm					
C-202*	4/11/2017	11.22	NOx	29.5ppm	TJC	423	735	681	
			CO	322ppm					
CP 2-1**	4/13/2017	0.00	NOx	2.3ppm	TJC	337	39	267	
			CO	389.3ppm					
CP 2-2**	4/13/2017	0.00	NOx	5.4ppm	TJC	312	706	453	
			CO	387.3ppm					
WF1-1**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
WF1-2**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						

						Runtime Hours			
						Quarter 3, 2017			
Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Jul	Aug	Sep	Corrective Actions
C-101*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-102*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-103*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-201*	7/18/2017	10.88	NOx	20.8ppm	TJC	38	49	608	
			CO	345.7ppm					
C-202*	7/18/2017	11.10	NOx	25.7ppm	TJC	681	695	109	
			CO	314.7ppm					
CP 2-1**	7/20/2017	0.00	NOx	1.8ppm	TJC	717	744	712	
			CO	392.7ppm					
CP 2-2**	7/20/2017	0.29	NOx	2.2ppm	TJC	18	0	0	
			CO	338ppm					
WF1-1**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
WF1-2**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						

* Lean Burn NO_x limit = 45 PPM

** Rich Burn NO_x limit = 25 PPM

All Engines CO limit = 4500 PPM (before 3/14/18)

All Engines CO limit = 2500 PPM (after 3/14/18)

Internal Combustion Engine Emissions Test Results

Analyzer Type: Testo

Year: 2017-18

Runtime Hours

Quarter 4, 2017									
Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Oct	Nov	Dec	Corrective Actions
C-101*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-102*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-103*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-201*	12/29/2017	10.61	NOx	27.4ppm	TJC	468	0	33	
			CO	300ppm					
C-202*	12/29/2017	11.10	NOx	31.8ppm	TJC	276	701	101	
			CO	295.7ppm					
CP 2-1**	12/19/2017	0.02	NOx	5.2ppm	TJC	734	536	142	
			CO	1085.7ppm					
CP 2-2**	N/A		NOx			0	0	1	Engine operated < 32 hrs/month OVERHAULLED
			CO						
WF1-1**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
WF1-2**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						

Quarter 1, 2018									
Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Jan	Feb	Mar	Corrective Actions
C-101*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-102*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-103*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
C-201*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OVERHAULLED
			CO						
C-202*	2/6/2018	10.96	NOx	35.2ppm	TJC	740	667	742	
			CO	293.3ppm					
CP 2-1**	2/9/2018	0.16	NOx	3.2ppm	TJC	636	507	743	
			CO	97.7ppm					
CP 2-2**	2/9/2018	1.87	NOx	1.2ppm	TJC	107	161	0	
			CO	1281.7ppm					
WF1-1**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						
WF1-2**	N/A		NOx			0	0	0	Engine operated < 32 hrs/month
			CO						

* Lean Burn NO_x limit = 45 PPM

** Rich Burn NO_x limit = 25 PPM

All Engines CO limit = 4500 PPM (before 3/14/18)

All Engines CO limit = 2500 PPM (after 3/14/18)

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
4/21/2017	1.96	Demand Update	<input type="checkbox"/>		Engine offline between 4/22/17 and 4/30/17.
4/20/2017	2.75	Auto Update	<input type="checkbox"/>		
4/19/2017	1.92	Demand Update	<input type="checkbox"/>		Engine offline between 4/14/17 and 4/18/17.
4/13/2017	3.15	Auto Update	<input type="checkbox"/>		
4/12/2017	4.07	Auto Update	<input type="checkbox"/>		
4/11/2017	4.67	Auto Update	<input type="checkbox"/>		
4/10/2017	6.14	Auto Update	<input type="checkbox"/>		
4/9/2017	6.30	Auto Update	<input type="checkbox"/>		
4/8/2017	4.75	Auto Update	<input type="checkbox"/>		
4/7/2017	5.32	Auto Update	<input type="checkbox"/>		
4/6/2017	5.41	Auto Update	<input type="checkbox"/>		
4/5/2017	4.64	Auto Update	<input type="checkbox"/>		
4/4/2017	4.78	Auto Update	<input type="checkbox"/>		
4/3/2017	5.37	Auto Update	<input type="checkbox"/>		
4/2/2017	4.24	Auto Update	<input type="checkbox"/>		
4/1/2017	5.24	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
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5/3/2017	2.86	Demand Update	1		Engine offline between 5/1/17 and 5/2/17; 5/4/17 and 5/31/17.
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Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
6/30/2017	3.18	Auto Update	<input type="checkbox"/>		
6/29/2017	4.04	Auto Update	<input type="checkbox"/>		
6/28/2017	3.65	Auto Update	<input type="checkbox"/>		
6/27/2017	3.75	Demand Update	<input type="checkbox"/>		Engine offline between 6/8/17 and 6/26/17.
6/7/2017	4.47	Auto Update	<input type="checkbox"/>		
6/6/2017	4.49	Demand Update	<input type="checkbox"/>		
6/5/2017	4.05	Auto Update	<input type="checkbox"/>		
6/4/2017	3.97	Auto Update	<input type="checkbox"/>		
6/3/2017	3.95	Auto Update	<input type="checkbox"/>		
6/2/2017	3.92	Auto Update	<input type="checkbox"/>		
6/1/2017	4.04	Demand Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
7/31/2017	3.14	Auto Update	<input type="checkbox"/>		
7/30/2017	3.55	Auto Update	<input type="checkbox"/>		
7/29/2017	3.24	Auto Update	<input type="checkbox"/>		
7/28/2017	3.07	Auto Update	<input type="checkbox"/>		
7/27/2017	3.15	Auto Update	<input type="checkbox"/>		
7/26/2017	3.11	Auto Update	<input type="checkbox"/>		
7/25/2017	3.62	Auto Update	<input type="checkbox"/>		
7/24/2017	3.55	Auto Update	<input type="checkbox"/>		
7/23/2017	3.82	Auto Update	<input type="checkbox"/>		
7/22/2017	3.59	Demand Update	<input type="checkbox"/>		
7/21/2017	3.43	Auto Update	<input type="checkbox"/>		Engine offline on 7/20/17.
7/19/2017	3.86	Auto Update	<input type="checkbox"/>		
7/18/2017	3.68	Auto Update	<input type="checkbox"/>		
7/17/2017	3.58	Demand Update	<input type="checkbox"/>		
7/16/2017	4.22	Auto Update	<input type="checkbox"/>		
7/15/2017	3.69	Auto Update	<input type="checkbox"/>		
7/14/2017	3.71	Demand Update	<input type="checkbox"/>		
7/13/2017	3.57	Auto Update	<input type="checkbox"/>		
7/12/2017	3.37	Auto Update	<input type="checkbox"/>		
7/11/2017	2.44	Demand Update	<input type="checkbox"/>		
7/10/2017	3.43	Auto Update	<input type="checkbox"/>		
7/9/2017	3.14	Auto Update	<input type="checkbox"/>		
7/8/2017	3.25	Demand Update	<input type="checkbox"/>		
7/7/2017	4.17	Auto Update	<input type="checkbox"/>		
7/6/2017	3.74	Auto Update	<input type="checkbox"/>		
7/5/2017	4.02	Auto Update	<input type="checkbox"/>		
7/4/2017	3.71	Demand Update	<input type="checkbox"/>		
7/3/2017	3.45	Auto Update	<input type="checkbox"/>		
7/2/2017	3.60	Auto Update	<input type="checkbox"/>		
7/1/2017	3.80	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
8/31/2017	4.08	Auto Update	<input type="checkbox"/>		
8/30/2017	3.57	Auto Update	<input type="checkbox"/>		
8/29/2017	3.72	Auto Update	<input type="checkbox"/>		
8/28/2017	4.55	Auto Update	<input type="checkbox"/>		
8/27/2017	4.42	Demand Update	<input type="checkbox"/>		
8/26/2017	4.26	Auto Update	<input type="checkbox"/>		
8/25/2017	4.56	Auto Update	<input type="checkbox"/>		
8/24/2017	4.69	Auto Update	<input type="checkbox"/>		
8/23/2017	4.44	Auto Update	<input type="checkbox"/>		
8/22/2017	3.97	Auto Update	<input type="checkbox"/>		
8/21/2017	4.84	Auto Update	<input type="checkbox"/>		
8/20/2017	4.31	Auto Update	<input type="checkbox"/>		
8/19/2017	4.01	Auto Update	<input type="checkbox"/>		
8/18/2017	4.17	Auto Update	<input type="checkbox"/>		
8/17/2017	3.47	Auto Update	<input type="checkbox"/>		
8/16/2017	3.83	Auto Update	<input type="checkbox"/>		
8/15/2017	6.95	Auto Update	<input type="checkbox"/>		
8/14/2017	3.51	Auto Update	<input type="checkbox"/>		
8/13/2017	3.29	Auto Update	<input type="checkbox"/>		
8/12/2017	3.30	Auto Update	<input type="checkbox"/>		
8/11/2017	3.24	Auto Update	<input type="checkbox"/>		
8/10/2017	3.22	Auto Update	<input type="checkbox"/>		
8/9/2017	3.20	Auto Update	<input type="checkbox"/>		
8/8/2017	2.99	Auto Update	<input type="checkbox"/>		
8/7/2017	3.32	Auto Update	<input type="checkbox"/>		
8/6/2017	6.99	Auto Update	<input type="checkbox"/>		
8/5/2017	3.33	Auto Update	<input type="checkbox"/>		
8/4/2017	2.66	Auto Update	<input type="checkbox"/>		
8/3/2017	2.99	Auto Update	<input type="checkbox"/>		
8/2/2017	3.04	Auto Update	<input type="checkbox"/>		
8/1/2017	3.35	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
9/30/2017	7.04	Auto Update	<input type="checkbox"/>		
9/29/2017	8.54	Auto Update	<input type="checkbox"/>		
9/28/2017	6.92	Auto Update	<input type="checkbox"/>		
9/27/2017	6.96	Auto Update	<input type="checkbox"/>		
9/26/2017	7.10	Auto Update	<input type="checkbox"/>		
9/25/2017	8.80	Auto Update	<input type="checkbox"/>		
9/24/2017	6.83	Auto Update	<input type="checkbox"/>		
9/23/2017	6.95	Auto Update	<input type="checkbox"/>		
9/22/2017	6.63	Auto Update	<input type="checkbox"/>		
9/21/2017	7.01	Auto Update	<input type="checkbox"/>		
9/20/2017	6.00	Manual Update	<input type="checkbox"/>		
9/19/2017	5.31	Auto Update	<input type="checkbox"/>		
9/18/2017	7.60	Auto Update	<input type="checkbox"/>		
9/17/2017	4.70	Demand Update	<input type="checkbox"/>		
9/16/2017	5.17	Auto Update	<input type="checkbox"/>		
9/15/2017	4.02	Auto Update	<input type="checkbox"/>		
9/14/2017	3.02	Auto Update	<input type="checkbox"/>		
9/13/2017	3.65	Auto Update	<input type="checkbox"/>		
9/12/2017	3.24	Auto Update	<input type="checkbox"/>		
9/11/2017	4.41	Auto Update	<input type="checkbox"/>		
9/10/2017	3.16	Auto Update	<input type="checkbox"/>		
9/9/2017	3.85	Auto Update	<input type="checkbox"/>		
9/8/2017	3.00	Auto Update	<input type="checkbox"/>		
9/7/2017	2.56	Auto Update	<input type="checkbox"/>		
9/6/2017	3.22	Auto Update	<input type="checkbox"/>		
9/5/2017	3.00	Auto Update	<input type="checkbox"/>		
9/4/2017	2.72	Auto Update	<input type="checkbox"/>		
9/3/2017	4.52	Auto Update	<input type="checkbox"/>		
9/2/2017	2.67	Auto Update	<input type="checkbox"/>		
9/1/2017	3.18	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
10/31/2017	7.94	Auto Update	<input type="checkbox"/>		
10/30/2017	7.93	Auto Update	<input type="checkbox"/>		
10/29/2017	8.01	Auto Update	<input type="checkbox"/>		
10/28/2017	9.18	Auto Update	<input type="checkbox"/>		
10/27/2017	7.33	Auto Update	<input type="checkbox"/>		
10/26/2017	9.48	Auto Update	<input type="checkbox"/>		
10/25/2017	9.77	Demand Update	<input type="checkbox"/>		
10/24/2017	8.77	Auto Update	<input type="checkbox"/>		
10/23/2017	9.06	Auto Update	<input type="checkbox"/>		
10/22/2017	9.00	Auto Update	<input type="checkbox"/>		
10/21/2017	9.18	Auto Update	<input type="checkbox"/>		
10/20/2017	8.46	Auto Update	<input type="checkbox"/>		
10/19/2017	8.04	Auto Update	<input type="checkbox"/>		
10/18/2017	8.40	Auto Update	<input type="checkbox"/>		
10/17/2017	9.06	Auto Update	<input type="checkbox"/>		
10/16/2017	8.63	Auto Update	<input type="checkbox"/>		
10/15/2017	10.13	Auto Update	<input type="checkbox"/>		
10/14/2017	7.81	Auto Update	<input type="checkbox"/>		
10/13/2017	7.71	Auto Update	<input type="checkbox"/>		
10/12/2017	7.78	Auto Update	<input type="checkbox"/>		
10/11/2017	9.22	Auto Update	<input type="checkbox"/>		
10/10/2017	6.42	Auto Update	<input type="checkbox"/>		
10/9/2017	7.38	Auto Update	<input type="checkbox"/>		
10/8/2017	7.41	Auto Update	<input type="checkbox"/>		
10/7/2017	6.98	Auto Update	<input type="checkbox"/>		
10/6/2017	8.79	Auto Update	<input type="checkbox"/>		
10/5/2017	7.35	Auto Update	<input type="checkbox"/>		
10/4/2017	6.72	Auto Update	<input type="checkbox"/>		
10/3/2017	8.58	Auto Update	<input type="checkbox"/>		
10/2/2017	6.80	Auto Update	<input type="checkbox"/>		
10/1/2017	6.43	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
11/30/2017	16.59	Auto Update	<input type="checkbox"/>		
11/29/2017	16.02	Auto Update	<input type="checkbox"/>		
11/28/2017	15.56	Auto Update	<input type="checkbox"/>		
11/27/2017	17.66	Auto Update	<input type="checkbox"/>		
11/26/2017	15.27	Auto Update	<input type="checkbox"/>		
11/25/2017	14.98	Auto Update	<input type="checkbox"/>		
11/24/2017	13.00	Auto Update	<input type="checkbox"/>		
11/23/2017	9.25	Demand Update	<input type="checkbox"/>		
11/22/2017	13.39	Auto Update	<input type="checkbox"/>		
11/21/2017	13.98	Auto Update	<input type="checkbox"/>		
11/20/2017	14.92	Auto Update	<input type="checkbox"/>		
11/19/2017	14.35	Auto Update	<input type="checkbox"/>		
11/18/2017	11.24	Auto Update	<input type="checkbox"/>		
11/17/2017	14.77	Auto Update	<input type="checkbox"/>		
11/16/2017	11.74	Auto Update	<input type="checkbox"/>		
11/15/2017	12.71	Auto Update	<input type="checkbox"/>		
11/14/2017	11.82	Auto Update	<input type="checkbox"/>		
11/13/2017	12.11	Auto Update	<input type="checkbox"/>		
11/12/2017	12.08	Auto Update	<input type="checkbox"/>		
11/11/2017	12.54	Auto Update	<input type="checkbox"/>		
11/10/2017	9.66	Auto Update	<input type="checkbox"/>		
11/9/2017	10.59	Auto Update	<input type="checkbox"/>		
11/8/2017	12.27	Auto Update	<input type="checkbox"/>		
11/7/2017	11.20	Auto Update	<input type="checkbox"/>		
11/6/2017	10.22	Auto Update	<input type="checkbox"/>		
11/5/2017	9.09	Auto Update	<input type="checkbox"/>		
11/4/2017	10.14	Auto Update	<input type="checkbox"/>		
11/3/2017	11.70	Auto Update	<input type="checkbox"/>		
11/2/2017	8.57	Auto Update	<input type="checkbox"/>		
11/1/2017	7.56	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
12/31/2017	4.08	Auto Update	<input type="checkbox"/>		
12/30/2017	3.46	Demand Update	<input type="checkbox"/>		
12/29/2017	3.61	Demand Update	<input type="checkbox"/>		Engine offline between 12/20/17 and 12/28/17.
12/19/2017	5.26	Demand Update	<input type="checkbox"/>		Engine offline between 12/5/17 and 12/18/17.
12/4/2017	16.74	Auto Update	<input type="checkbox"/>		
12/3/2017	15.22	Auto Update	<input type="checkbox"/>		
12/2/2017	13.02	Auto Update	<input type="checkbox"/>		
12/1/2017	14.18	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
1/31/2018	9.59	Auto Update	<input type="checkbox"/>		
1/30/2018	11.01	Auto Update	<input type="checkbox"/>		
1/29/2018	9.15	Auto Update	<input type="checkbox"/>		
1/28/2018	12.19	Auto Update	<input type="checkbox"/>		
1/27/2018	5.86	Auto Update	<input type="checkbox"/>		
1/26/2018	6.82	Auto Update	<input type="checkbox"/>		
1/25/2018	6.20	Auto Update	<input type="checkbox"/>		
1/24/2018	7.02	Auto Update	<input type="checkbox"/>		
1/23/2018	8.06	Auto Update	<input type="checkbox"/>		
1/22/2018	7.42	Auto Update	<input type="checkbox"/>		
1/21/2018	7.96	Auto Update	<input type="checkbox"/>		
1/20/2018	7.66	Auto Update	<input type="checkbox"/>		
1/19/2018	7.34	Auto Update	<input type="checkbox"/>		
1/18/2018	8.07	Auto Update	<input type="checkbox"/>		
1/17/2018	7.96	Auto Update	<input type="checkbox"/>		
1/16/2018	7.03	Auto Update	<input type="checkbox"/>		
1/15/2018	6.45	Auto Update	<input type="checkbox"/>		
1/14/2018	7.91	Auto Update	<input type="checkbox"/>		
1/13/2018	5.05	Auto Update	<input type="checkbox"/>		Engine offline between 1/9/18 and 1/12/18.
1/8/2018	3.77	Auto Update	<input type="checkbox"/>		
1/7/2018	3.07	Auto Update	<input type="checkbox"/>		
1/6/2018	4.95	Auto Update	<input type="checkbox"/>		
1/5/2018	4.65	Auto Update	<input type="checkbox"/>		
1/4/2018	4.76	Auto Update	<input type="checkbox"/>		
1/3/2018	5.51	Auto Update	<input type="checkbox"/>		
1/2/2018	4.97	Auto Update	<input type="checkbox"/>		
1/1/2018	3.92	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
2/28/2018	8.90	Auto Update	<input type="checkbox"/>		
2/27/2018	7.60	Manual Update	<input type="checkbox"/>		
2/26/2018	18.70	Auto Update	<input type="checkbox"/>		
2/25/2018	19.11	Auto Update	<input type="checkbox"/>		
2/24/2018	19.94	Auto Update	<input type="checkbox"/>		
2/23/2018	6.76	Auto Update	<input type="checkbox"/>		
2/22/2018	21.49	Auto Update	<input type="checkbox"/>		
2/21/2018	16.72	Auto Update	<input type="checkbox"/>		Engine offline between 2/15/18 and 2/20/18.
2/14/2018	11.08	Auto Update	<input type="checkbox"/>		
2/13/2018	11.30	Auto Update	<input type="checkbox"/>		
2/12/2018	8.66	Auto Update	<input type="checkbox"/>		
2/11/2018	8.60	Auto Update	<input type="checkbox"/>		
2/10/2018	6.39	Auto Update	<input type="checkbox"/>		Engine offline on 2/9/18.
2/8/2018	10.95	Auto Update	<input type="checkbox"/>		
2/7/2018	8.94	Auto Update	<input type="checkbox"/>		
2/6/2018	12.75	Auto Update	<input type="checkbox"/>		
2/5/2018	13.73	Auto Update	<input type="checkbox"/>		
2/4/2018	15.22	Auto Update	<input type="checkbox"/>		
2/3/2018	14.16	Auto Update	<input type="checkbox"/>		
2/2/2018	9.64	Auto Update	<input type="checkbox"/>		
2/1/2018	8.11	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
3/31/2018	12.88	Auto Update	<input type="checkbox"/>		
3/30/2018	12.50	Auto Update	<input type="checkbox"/>		
3/29/2018	10.87	Auto Update	<input type="checkbox"/>		
3/28/2018	12.96	Auto Update	<input type="checkbox"/>		
3/27/2018	15.94	Auto Update	<input type="checkbox"/>		
3/26/2018	18.49	Auto Update	<input type="checkbox"/>		
3/25/2018	14.15	Auto Update	<input type="checkbox"/>		
3/24/2018	11.16	Auto Update	<input type="checkbox"/>		
3/23/2018	11.36	Auto Update	<input type="checkbox"/>		
3/22/2018	10.63	Auto Update	<input type="checkbox"/>		
3/21/2018	13.21	Auto Update	<input type="checkbox"/>		
3/20/2018	8.92	Auto Update	<input type="checkbox"/>		
3/19/2018	9.88	Auto Update	<input type="checkbox"/>		
3/18/2018	10.74	Auto Update	<input type="checkbox"/>		
3/17/2018	17.49	Auto Update	<input type="checkbox"/>		
3/16/2018	12.18	Auto Update	<input type="checkbox"/>		
3/15/2018	12.16	Auto Update	<input type="checkbox"/>		
3/14/2018	14.90	Auto Update	<input type="checkbox"/>		
3/13/2018	10.18	Auto Update	<input type="checkbox"/>		
3/12/2018	10.48	Auto Update	<input type="checkbox"/>		
3/11/2018	10.70	Auto Update	<input type="checkbox"/>		
3/10/2018	8.71	Auto Update	<input type="checkbox"/>		
3/9/2018	9.51	Auto Update	<input type="checkbox"/>		
3/8/2018	9.49	Auto Update	<input type="checkbox"/>		
3/7/2018	10.41	Auto Update	<input type="checkbox"/>		
3/6/2018	11.90	Auto Update	<input type="checkbox"/>		
3/5/2018	9.84	Auto Update	<input type="checkbox"/>		
3/4/2018	9.61	Auto Update	<input type="checkbox"/>		
3/3/2018	8.57	Auto Update	<input type="checkbox"/>		
3/2/2018	12.20	Auto Update	<input type="checkbox"/>		
3/1/2018	9.09	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
4/30/2017	5.70	Auto Update	<input type="checkbox"/>		
4/29/2017	10.33	Auto Update	<input type="checkbox"/>		
4/28/2017	11.07	Auto Update	<input type="checkbox"/>		
4/27/2017	11.56	Auto Update	<input type="checkbox"/>		
4/26/2017	4.61	Auto Update	<input type="checkbox"/>		
4/25/2017	7.26	Auto Update	<input type="checkbox"/>		
4/24/2017	4.61	Auto Update	<input type="checkbox"/>		
4/23/2017	3.67	Auto Update	<input type="checkbox"/>		
4/22/2017	2.92	Auto Update	<input type="checkbox"/>		Engine offline between 4/18/17 and 4/21/17.
4/17/2017	2.70	Auto Update	<input type="checkbox"/>		
4/16/2017	5.22	Auto Update	<input type="checkbox"/>		
4/15/2017	4.02	Auto Update	<input type="checkbox"/>		
4/14/2017	2.41	Auto Update	<input type="checkbox"/>		
4/13/2017	2.55	Demand Update	<input type="checkbox"/>		Engine offline between 4/1/17 and 4/12/17.

VNGCP2_CAM2

May-2017

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
5/31/2017	11.06	Auto Update	<input type="checkbox"/>		
5/30/2017	13.67	Auto Update	<input type="checkbox"/>		
5/29/2017	10.55	Auto Update	<input type="checkbox"/>		
5/28/2017	8.53	Auto Update	<input type="checkbox"/>		
5/27/2017	8.79	Auto Update	<input type="checkbox"/>		
5/26/2017	5.66	Auto Update	<input type="checkbox"/>		
5/25/2017	4.93	Demand Update	<input type="checkbox"/>		
5/24/2017	5.09	Auto Update	<input type="checkbox"/>		
5/23/2017	7.22	Auto Update	<input type="checkbox"/>		
5/22/2017	5.61	Auto Update	<input type="checkbox"/>		
5/21/2017	5.03	Auto Update	<input type="checkbox"/>		
5/20/2017	2.21	Auto Update	<input type="checkbox"/>		
5/19/2017	4.17	Auto Update	<input type="checkbox"/>		
5/18/2017	4.73	Auto Update	<input type="checkbox"/>		
5/17/2017	13.60	Auto Update	<input type="checkbox"/>		
5/16/2017	1.89	Auto Update	<input type="checkbox"/>		
5/15/2017	1.78	Auto Update	<input type="checkbox"/>		
5/14/2017	3.08	Auto Update	<input type="checkbox"/>		
5/13/2017	4.38	Auto Update	<input type="checkbox"/>		
5/12/2017	2.43	Auto Update	<input type="checkbox"/>		
5/11/2017	4.07	Auto Update	<input type="checkbox"/>		
5/10/2017	2.63	Auto Update	<input type="checkbox"/>		
5/9/2017	7.26	Auto Update	<input type="checkbox"/>		
5/8/2017	6.18	Auto Update	<input type="checkbox"/>		
5/7/2017	1.91	Auto Update	<input type="checkbox"/>		
5/6/2017	2.01	Auto Update	<input type="checkbox"/>		
5/5/2017	1.63	Demand Update	<input type="checkbox"/>		
5/4/2017	2.46	Auto Update	<input type="checkbox"/>		Engine offline on 5/3/17.
5/2/2017	5.19	Auto Update	<input type="checkbox"/>		
5/1/2017	4.42	Auto Update	<input type="checkbox"/>		

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
6/26/2017	3.10	Auto Update	<input type="checkbox"/>		Engine offline between 6/27/17 and 6/30/17.
6/25/2017	3.03	Auto Update	<input type="checkbox"/>		
6/24/2017	4.03	Auto Update	<input type="checkbox"/>		
6/23/2017	2.05	Auto Update	<input type="checkbox"/>		
6/22/2017	1.64	Auto Update	<input type="checkbox"/>		
6/21/2017	2.12	Auto Update	<input type="checkbox"/>		
6/20/2017	1.40	Auto Update	<input type="checkbox"/>		
6/19/2017	1.94	Auto Update	<input type="checkbox"/>		
6/18/2017	1.78	Auto Update	<input type="checkbox"/>		
6/17/2017	3.59	Auto Update	<input type="checkbox"/>		
6/16/2017	4.97	Demand Update	<input type="checkbox"/>		
6/15/2017	12.45	Demand Update	<input type="checkbox"/>		
6/14/2017	12.10	Demand Update	<input type="checkbox"/>		
6/13/2017	16.01	Auto Update	<input type="checkbox"/>		
6/12/2017	14.79	Auto Update	<input type="checkbox"/>		
6/11/2017	11.85	Auto Update	<input type="checkbox"/>		
6/10/2017	5.81	Auto Update	<input type="checkbox"/>		
6/9/2017	13.07	Auto Update	<input type="checkbox"/>		
6/8/2017	10.63	Auto Update	<input type="checkbox"/>		Engine offline between 6/1/17 and 6/7/17.

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
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7/20/2017 1.20 Auto Update Engine offline between 7/1/17 and 7/19/17, and 7/21/17 and 7/31/17.

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
1/12/2018	8.40	Auto Update	<input type="checkbox"/>		Engine offline between 1/13/18 and 1/31/18.
1/11/2018	8.82	Auto Update	<input type="checkbox"/>		
1/10/2018	11.24	Auto Update	<input type="checkbox"/>		
1/9/2018	17.58	Demand Update	<input type="checkbox"/>		Engine offline between 8/1/17 and 1/8/18.

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comments
2/20/2018	0.74	Auto Update	<input type="checkbox"/>		Engine offline between 2/21/18 and 3/31/18.
2/19/2018	0.95	Auto Update	<input type="checkbox"/>		
2/18/2018	1.62	Auto Update	<input type="checkbox"/>		
2/17/2018	2.00	Auto Update	<input type="checkbox"/>		
2/16/2018	2.40	Auto Update	<input type="checkbox"/>		
2/15/2018	11.70	Demand Update	<input type="checkbox"/>		Engine offline between 2/10/18 and 2/14/18.
2/9/2018	1.55	Demand Update	<input type="checkbox"/>		Engine offline between 2/1/18 and 2/8/18.

**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: 2017	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:			3/15/2017		5/10/2017				9/13/2017			12/19/2017
PM Number:					910864355				910881815			
Engine Oil Change					Yes				Yes			
Take Oil Sample for Analysis					No				No			
Engine Filter Change					Yes				Yes			
Compressor Oil Change					No				No			
Compressor Filter Change					Yes				Yes			
Set Valves					Yes				No			
Change Ignition Timer					Yes				Yes			
Inspect/Change Spark Plugs					Yes				Yes			
Set Timing					Yes				Yes			
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					Yes				Yes			
Change Fan / Water Pump					No				No			
Check Safety Shutdowns					Yes				Yes			
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					1901				2039			
Engine RPM					850				850			
(Permit Limit: _____)												
Other Notes/Corrections:					2k service changed all belts				2k service			engine assessed during Quarterly Emission Screening Analysis - all systems ok
total engine hours runtime >					46790				48829			
Mechanic Initials					tjc				tjc			
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.												
Plug No. RM-77N												
Fan Belt No. N/A												
Auxiliary Water Pump A-199868												
Fan C-136												
Year: 2018	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/9/2018			4/19/2018								
PM Number:	910894425			910911699								
Engine Oil Change	Yes			Yes								
Take Oil Sample for Analysis	No			No								
Engine Filter Change	Yes			Yes								
Compressor Oil Change	No			No								
Compressor Filter Change	Yes			Yes								
Set Valves	No			Yes								
Change Ignition Timer	Yes			Yes								
Inspect/Change Spark Plugs	Yes			Yes								
Set Timing	Yes			Yes								
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	No			No								
Check Safety Shutdowns	Yes			Yes								
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	2,132			2011								
Engine RPM	850			850								
(Permit Limit: _____)												
Other Notes/Corrections:	2000 hr service			2000hr service								
total engine hours runtime >	50961			52972								
Mechanic initials	ljc			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.		Plug No. RM-77N		Fan Belt No. N/A		Engine I.D.: Waukesha 5790GU						
Engine Water Pump Belt No. A-209617		Auxiliary Water Pump A-199868		Oil Capacity _____ Gal.								
Year: 2017	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/23/2017		4/13/2017								
PM Number:		900675833										
Engine Oil Change		Yes										
Take Oil Sample for Analysis		No										
Engine Filter Change		Yes										
Compressor Oil Change		No										
Compressor Filter Change		Yes										
Set Valves		Yes										
Change Ignition Timer		Yes										
Inspect/Change Spark Plugs		Yes										
Set Timing		Yes										
Change Air Filters		No										
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		Yes										
Change Converter		No										
Change O2 Sensor		No										
Inspect Fuel Control Valve		Yes										
Clean Carburetor		No										
Run-Time Hours Since Last Service		1,700										
Engine RPM		850										
(Permit Limit: _____)												
Other Notes/Corrections:		2000hr service due, repaired internal coolant leak		engine assessed during Quarterly Emission Screening Analysis - all systems ok								
total engine hours runtime >		47,549										
Mechanic Initials		ljc										
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	Auxiliary Water Pump 3VX800			Fan Belt No. N/A			Oil Capacity _____ Gal.			
Year: 2017	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/11/2016	2/22/2017		4/11/2017			7/11/2017			10/27/2017		
PM Number:	910852183	910852183					910873649			910885105		
Engine Oil Change	No	Yes					Yes			Yes		
Take Oil Sample for Analysis	No	No					No			No		
Engine Filter Change	No	Yes					Yes			Yes		
Compressor Oil Change	No	No					No			No		
Compressor Filter Change	No	Yes					Yes			Yes		
Set Valves	No	Yes					Yes			Yes		
Change Ignition Timer	No	Yes					Yes			Yes		
Inspect/Change Spark Plugs	Yes	Yes					Yes			Yes		
Set Timing	Yes	Yes					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	Yes					Yes			No		
Change Fan / Water Pump	No	No					No			No		
Check Safety Shutdowns	Yes	Yes					Yes			Yes		
Change Converter	No	No					No			No		
Change O2 Sensor	No	No					No			No		
Inspect Fuel Control Valve	Yes	Yes					Yes			No		
Clean Carburetor	No	No					No			No		
Run-Time Hours Since Last Service	913	1551					804			1,967		
Engine RPM	850	850					850			850		
(Permit Limit: _____)												
Other Notes/Corrections: engine overhaul 8/27/2010	1000hr service	2000hr service		engine assessed during Quarterly Emission Screening Analysis - all systems ok			1000hr service completed.			2000hr Service		
total engine hours runtime >	46,514	47,152					47,956			49,119		
Mechanic Initials										DD		
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. _____												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: 2018												Fan											
Date: _____												JAN FEB MAR APR MAY JUN JUL AUG SEPT OCT NOV DEC											
PM Number: 910894539																							
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: _____)																							
Other Notes/Corrections: engine overhaul 8/27/2010												ENGINE OUT FOR OVERHAUL											
Engine has been removed for overhaul. Various components will be reconditioned or replaced												ENGINE OUT FOR OVERHAUL											
total engine hours runtime >												49,151											
Mechanic Initials												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** Fan Belt No. **N/A** Oil Capacity _____ Gal.

Engine Water Pump Belt No. **A168540 Qty. 2** Auxiliary Water Pump **3VX800 Qty. 2** Fan **N/A**

Year: 2017	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/13/2017			5/24/2017	6/22/2017		8/22/2017		10/26/2017		
PM Number:		910855585			910866826	910872436		910876429		910885105		
Engine Oil Change		Yes			No	Yes		No		Yes		
Take Oil Sample for Analysis		No			No	No		No		No		
Engine Filter Change		Yes			No	Yes		No		Yes		
Compressor Oil Change		No			No	No		No		No		
Compressor Filter Change		Yes			No	Yes		No		Yes		
Set Valves		Yes			No	Yes		No		Yes		
Change Ignition Timer		Yes			No	Yes		No		No		
Inspect/Change Spark Plugs		Yes			Yes	Yes		Yes		Yes		
Set Timing		Yes			Yes	Yes		Yes		No		
Change Air Filters		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		Yes		
Inspect Belts		Yes			Yes	Yes		Yes		Yes		
Change Belts		No			No	No		No		No		
Change Fan / Water Pump		No			No	No		No		No		
Check Safety Shutoffs		Yes			Yes	Yes		Yes		Yes		
Change Converter		No			No	No		No		No		
Change O2 Sensor		No			No	No		No		No		
Inspect Fuel Control Valve		Yes			Yes	Yes		Yes		Yes		
Clean Carburetor		No			No	No		No		No		
Run-Time Hours Since Last Service		1908			1444	2098		1332		1,967		
Engine RPM		850			850	850		850		850		
(Permit Limit: _____)												
Other Notes/Corrections:		2000hr service			1000hr service	2000hr service		1000hr service		2000 hr service		
total engine hours runtime >		46590			48,034	48,688		50,020		50,655		
Mechanic Initials		tic			tic	tic		tic		DD		
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 Belt No. N/A	Oil Capacity _____ Gal.
Year: 2018	Qty. 2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		1/18/2018	2/18/2018		4/26/2018								
PM Number:		910894896	910904223		910911698								
Engine Oil Change		No	Yes		Yes								
Take Oil Sample for Analysis		No	No		No								
Engine Filter Change		No	Yes		Yes								
Compressor Oil Change		No	No		No								
Compressor Filter Change		No	Yes		Yes								
Set Valves		No	Yes		Yes								
Change Ignition Timer		No	No		No								
Inspect/Change Spark Plugs		Yes	Yes		Yes								
Set Timing		Yes	No		No								
Change Air Filters		No	No		No								
Change Pre-Air Filters		Yes	Yes		Yes								
Inspect Hoses		Yes	Yes		Yes								
Change Hoses		No	No		No								
Inspect Belts		No	Yes		Yes								
Change Belts		No	No		No								
Change Fan / Water Pump		No	No		No								
Check Safety Shutdowns		Yes	Yes		Yes								
Change Converter		N/A	N/A		N/A								
Change O2 Sensor		No	No		No								
Inspect Fuel Control Valve		Yes	Yes		Yes								
Clean Carburetor		No	No		No								
Run-Time Hours Since Last Service		1192	1855		1,654								
Engine RPM		850	850		850								
(Permit Limit: _____)													
Other Notes/Corrections:		1000hr service	2000hr service		2000hr service								
total engine hours runtime >		51,857	52,520		54,174								
Mechanic initials		ijc	ijc		ijc								
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**

Year: 2017	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:										10/5/2017		
PM Number:										910856425		
Engine Oil Change (Annually)										Yes		
Engine Filter Change (Annually)										Yes		
Inspect Air Filler (Annually)										Yes		
Replace Air Filter												
Inspect Hoses / Belts (Annually)										Yes		
Replace Hoses												
Replace Belts												
Replace Fan / Water Pump												
Other Notes/Corrections:												
5/8/14 - Full Tune-Up										Annual service performed. Oil and filters changed as well as fuel filters. Air cleaner cleaned.		

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
Apr 2017	OOS	OOS	OOS	OOS
May 2017	OOS	OOS	OOS	OOS
Jun 2017	OOS	OOS	OOS	OOS
Jul 2017	OOS	OOS	OOS	OOS
Aug 2017	OOS	OOS	OOS	OOS
Sep 2017	OOS	OOS	OOS	OOS
Oct 2017	OOS	OOS	OOS	OOS
Nov 2017	OOS	OOS	OOS	OOS
Dec 2017	OOS	OOS	OOS	OOS
Jan 2018	OOS	OOS	OOS	OOS
Feb 2018	OOS	OOS	OOS	OOS
Mar 2018	OOS	OOS	OOS	OOS

* Central Compressor Site was taken out of service in March 2017, therefore no smoke checks were conducted during this certification period.

Gas Plant 7*

Date	High Pressure Flare	Low Pressure Flare	Heater 601A
04/05/17	No Smoke	No Smoke	No Smoke
05/01/17	No Smoke	No Smoke	No Smoke
06/01/17	No Smoke	No Smoke	No Smoke
07/07/17	No Smoke	No Smoke	No Smoke
08/01/17	No Smoke	No Smoke	No Smoke
09/02/17	No Smoke	No Smoke	No Smoke
10/01/17	No Smoke	No Smoke	No Smoke
11/03/17	No Smoke	No Smoke	No Smoke
12/01/17	No Smoke	No Smoke	No Smoke
01/03/18	No Smoke	No Smoke	No Smoke
02/01/18	No Smoke	No Smoke	No Smoke
03/01/18	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 10/05/17 and no smoke was identified.

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
04/04/17	No Smoke	No Smoke	No Smoke
05/02/17	No Smoke	No Smoke	No Smoke
06/06/17	No Smoke	No Smoke	No Smoke
07/07/17	No Smoke	No Smoke	No Smoke
08/17/17	No Smoke	No Smoke	No Smoke
09/01/17	No Smoke	No Smoke	No Smoke
10/02/17	No Smoke	No Smoke	No Smoke
11/01/17	No Smoke	No Smoke	No Smoke
12/21/17	No Smoke	No Smoke	No Smoke
01/09/18	No Smoke	No Smoke	No Smoke
02/01/18	No Smoke	No Smoke	No Smoke
03/01/18	No Smoke	No Smoke	No Smoke

Gas Plant 2

Date	C-201	C-202
04/26/17	No Smoke	No Smoke
05/15/17	No Smoke	No Smoke
06/26/17	No Smoke	No Smoke
07/14/17	No Smoke	No Smoke
08/22/17	No Smoke	No Smoke
09/12/17	No Smoke	No Smoke
10/26/17	No Smoke	No Smoke
11/28/17	No Smoke	No Smoke
12/28/17	No Smoke	No Smoke
01/16/18	No Smoke	No Smoke
02/14/18	No Smoke	No Smoke
03/29/18	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
Apr 2017	OOS	OOS
May 2017	OOS	OOS
Jun 2017	OOS	OOS
Jul 2017	OOS	OOS
Aug 2017	OOS	OOS
Sep 2017	OOS	OOS
Oct 2017	OOS	OOS
Nov 2017	OOS	OOS
Dec 2017	OOS	OOS
Jan 2017	OOS	OOS
Feb 2017	OOS	OOS
Mar 2017	OOS	OOS

* Water Flood 1 has been out of service since May 2016, therefore no smoke checks were conducted during this certification period.

**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 2017	10,084	260	10,344	34,826
May 2017	1,567	239	1,806	35,664
June 2017	655	243	898	35,543
July 2017	637	229	866	35,697
August 2017	1,045	187	1,232	35,478
September 2017	589	212	801	35,567
October 2017	2,256	280	2,536	37,104
November 2017	2,570	1,559	4,129	35,948
December 2017	601	232	833	35,708
January 2018	912	374	1,286	28,931
February 2018	1,079	700	1,779	27,706
March 2018	809	373	1,181	27,691

*Limit: 86.5 MMCF/Yr

Only 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 2017	7,787	14,264
May 2017	0	14,264
June 2017	21	14,268
July 2017	0	14,156
August 2017	0	14,040
September 2017	479	14,440
October 2017	63	14,503
November 2017	749	13,523
December 2017	0	13,523
January 2018	4	9,103
February 2018	10	9,113
March 2018	0	9,113

*Limit: 104 MMCF/Yr

Only 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*
2017	April	19,983	62,786
2017	May	15,550	68,532
2017	June	15,675	82,859
2017	July	12,937	94,088
2017	August	11,981	105,485
2017	September	4,715	107,671
2017	October	2,544	110,140
2017	November	2,077	112,217
2017	December	1,523	107,658
2018	January	0	102,178
2018	February	6,431	100,643
2018	March	10,846	104,262

*Limit: 1,277.5 MBBL/Yr.

Lloyd Solids Tank, TWSI-T001

Month & Year		Lloyd Lease Solids Tank Bbl / Month	12-Month Total Solids Tank Bbl*
2017	April	59,854	515,353
2017	May	48,982	522,601
2017	June	45,346	532,597
2017	July	49,787	556,201
2017	August	48,258	560,764
2017	September	48,096	578,974
2017	October	43,971	609,948
2017	November	41,254	646,103
2017	December	18,551	594,133
2018	January	2,021	530,191
2018	February	37,976	498,263
2018	March	58,287	502,383

*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*
2017	April	59,854	515,353
2017	May	48,982	522,601
2017	June	45,346	532,597
2017	July	49,787	556,201
2017	August	48,258	560,764
2017	September	48,096	578,974
2017	October	43,971	609,948
2017	November	41,254	646,103
2017	December	18,551	594,133
2018	January	2,021	530,191
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*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 2017	0	6,430	0	5,558	0	918	12,906
May 2017	0	5,549	0	5,505	0	236	11,290
June 2017	0	4,645	0	5,473	0	0	10,118
July 2017	0	3,355	0	5,473	0	0	8,828
August 2017	0	2,716	0	4,590	0	0	7,306
September 2017	0	1,884	0	2,749	0	0	4,633
October 2017	0	1,357	0	933	0	0	2,290
November 2017	0	120	0	4	0	0	124
December 2017	0	0	0	0	0	0	0
January 2018	0	0	0	0	0	0	0
February 2018	0	0	0	0	0	0	0
March 2018	0	0	0	0	0	0	0

Limit: 227.4 MMCF/yr

Note that this facility was taken out of service as of 1/1/17

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 2017	1,082	12,854	1,588	20,684	33,538
May 2017	39	12,023	2,697	21,093	33,116
June 2017	142	10,469	2,341	22,887	33,356
July 2017	136	10,338	2,370	23,132	33,470
August 2017	172	9,677	2,847	23,801	33,478
September 2017	2,365	11,899	458	21,590	33,489
October 2017	1,795	13,282	991	19,937	33,219
November 2017	0	11,977	2,169	20,691	32,668
December 2017	117	10,392	301	19,839	30,231
January 2018	0	9,553	2,194	19,815	29,368
February 2018	0	7,527	1,989	21,046	28,573
March 2018	0	5,848	2,201	22,146	27,994

*Limit: 100.2 MMCF/Yr

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

Reporting Period	748-BHP Rich-Burn Waukesha NG Engine L579OGU CP2-1		748-BHP Rich-Burn Waukesha NG Engine L579OGU CP2-2		Both Engines
	Meter No. 64 MCF	12-Month Total MCF	Meter No. 68 MCF	12-Month Total MCF	
April 2017	989	14,164	953	11,953	26,117
May 2017	324	13,712	2,182	12,954	26,666
June 2017	938	13,519	1,474	13,927	27,446
July 2017	1,994	15,513	51	12,139	27,652
August 2017	2,111	16,594	0	10,964	27,558
September 2017	2,115	18,011	0	9,402	27,413
October 2017	2,077	19,066	0	7,912	26,978
November 2017	2,028	18,763	0	7,907	26,670
December 2017	365	17,933	1	6,561	24,494
January 2018	1,438	17,739	323	6,027	23,766
February 2018	1,196	17,378	465	6,098	23,476
March 2018	1,739	17,314	0	5,449	22,763

*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
Month & Year	Meter No. 115 MCF	12-Month Total MCF	Meter No. 116 MCF	12-Month Total MCF	Cumulative Totals MCF*
April 2017	0	1,282	0	1,409	2,691
May 2017	0	0	0	0	0
June 2017	0	0	0	0	0
July 2017	0	0	0	0	0
August 2017	0	0	0	0	0
September 2017	0	0	0	0	0
October 2017	0	0	0	0	0
November 2017	0	0	0	0	0
December 2017	0	0	0	0	0
January 2018	0	0	0	0	0
February 2018	0	0	0	0	0
March 2018	0	0	0	0	0

*Limit: 104.2 MMCF/Yr
Both engines have not run since May 2016 and are out of service

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 Heater – NG Fuel Consumption

Reporting Period	8.0-MMBTU/Hour BYIS Heater No. 601A	
Month & Year	Meter No. 761 MCF	12-Month Total MCF*
April 2017	3,060	39,110
May 2017	3,457	39,070
June 2017	3,354	39,786
July 2017	3,209	40,169
August 2017	3,383	40,155
September 2017	3,332	40,239
October 2017	3,453	40,245
November 2017	3,260	40,122
December 2017	622	37,201
January 2018	3,550	37,442
February 2018	3,311	37,494
March 2018	3,590	37,581

*Limits:
71.4 MMCF/Yr for Heater 601A

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 2017	763,717	11,062,547
May 2017	980,988	11,010,445
June 2017	920,233	11,063,302
July 2017	881,972	11,011,219
August 2017	958,575	10,911,710
September 2017	985,081	10,915,790
October 2017	977,261	10,913,779
November 2017	864,801	10,871,297
December 2017	127,534	10,093,514
January 2018	853,919	10,088,467
February 2018	736,928	10,012,455
March 2018	822,277	9,873,286

*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 2017	36	498
May 2017	48	509
June 2017	62	535
July 2017	37	535
August 2017	73	561
September 2017	61	572
October 2017	62	585
November 2017	63	610
December 2017	50	614
January 2018	75	654
February 2018	62	679
March 2018	72	701

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 2017	28	334
May 2017	14	323
June 2017	28	309
July 2017	28	309
August 2017	27	307
September 2017	27	306
October 2017	14	292
November 2017	26	290
December 2017	14	276
January 2018	14	264
February 2018	28	278
March 2018	26	274

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 2017	7.3	61.0
May 2017	8.3	69.4
June 2017	2.6	72.0
July 2017	4.7	76.7
August 2017	12.2	88.9
September 2017	7.6	96.5
October 2017	10.0	106.5
November 2017	10.5	114.7
December 2017	1.3	83.2
January 2018	7.7	87.5
February 2018	12.4	99.9
March 2018	10.4	95.0

*Limit: 12 hrs/day and 1440 hrs/year

AEROS ENVIRONMENTAL, INC.

Summary Of Results

Aera Energy LLC
 Taylor Lease (Compressor Plant No. 2)
 IC Engine CP2-1

Project 010-1068
 May 3, 2017
 PTO No. 00041

Pollutant	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMcf	Permit Limits
NO _x	8	2	0.02	0.0079	8.19	0.69 lb/hr and 25 ppm @ 15% O ₂
	8	2	0.02	0.0079	8.22	
	7	2	0.02	0.0076	7.83	
<i>Mean</i>	8	2	0.02	0.0078	8.08	
CO	1447	409	2.63	0.9099	943.62	50.10 lb/hr and 4500 ppm @ 15% O ₂
	1452	410	2.52	0.9132	946.97	
	1277	361	2.27	0.8031	832.86	
<i>Mean</i>	1392	393	2.47	0.8754	907.82	
ROC	12.3	3.5	0.013	0.0044	4.58	0.95 lb/hr and 250 ppm @ 15% O ₂
	14.8	4.2	0.015	0.0053	5.52	
C ₃ -C ₆ + as C ₁	15.0	4.2	0.015	0.0054	5.59	
<i>Mean</i>	14.0	4.0	0.014	0.0050	5.23	
Comments: _____						

AEROS ENVIRONMENTAL, INC.

Summary Of Results

Aera Energy LLC
 Taylor Lease (Compressor Plant No. 2)
 IC Engine CP2-2

Project 010-1068
 May 4, 2017
 PTO No. 00041

Pollutant	ppm	ppm @ 15% O ₂	lb/hr	lb/MMBtu	lb/MMcf	Permit Limits
NO _x	7	2	0.02	0.0070	7.21	0.69 lb/hr and 25 ppm @ 15% O ₂
	4	1	0.01	0.0046	4.81	
	5	1	0.02	0.0051	5.27	
<i>Mean</i>	5	2	0.02	0.0056	5.76	
CO	1776	505	3.90	1.1250	1166.63	50.10 lb/hr and 4500 ppm @ 15% O ₂
	1363	389	2.69	0.8674	899.45	
	1243	354	2.47	0.7894	818.58	
<i>Mean</i>	1461	416	3.02	0.9272	961.55	
ROC C ₃ -C ₆ + as C ₁	10.1	2.9	0.013	0.0036	3.78	0.95 lb/hr and 250 ppm @ 15% O ₂
	8.9	2.5	0.010	0.0032	3.34	
	9.7	2.8	0.011	0.0035	3.66	
<i>Mean</i>	9.5	2.7	0.011	0.0035	3.59	
Comments: _____						

Order 910855652 PREV Preventative Maintenance
 Description VN-APCD RULE 64 REQUIREMENTS GAS PLANT 7
 Start/End date 04/05/2017 - 10/02/2017
 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: 4-16-17

AS FOUND: N/A

AS LEFT: TOOK sample and H2S was 0.3 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
	4697197				
<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



Product Information

CARB DIESEL

PRODUCT DESCRIPTION

CARB Diesel is an environmentally superior diesel fuel. This emissions improvement is attributed primarily to a unique combination of high cetane, and Ultra Low Sulfur, aromatics, nitrogen and polynuclear aromatics (PNA) which results in a diesel fuel equivalent in emissions to CARB's 10% aromatic diesel reference fuel. CARB Diesel also contains a lubricity additive which provides added protection to fuel pumps and injectors.

APPLICATION

CARB Diesel Fuel is recommended for use in all on-road heavy duty truck, automotive, and bus applications. It is also recommended for all off-road, marine, and stationary diesel engine applications where an Ultra Low Sulfur content for lower emissions is needed. Whether on the highway, on the farm, or on the construction site, CARB Diesel Fuel is the quality choice for your diesel fuel needs.

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>LIMIT</u>
Ash, wt. %, max	D482	0.01
Carbon Resid, 10 % Btms, wt. %, max	D524	0.35
Cetane Number, min ⁽¹⁾	D613	50+
Cu Strip Corr., 3 hrs @122 °F, max	D130	1
Distillation	D86	
T 90%, °F		540-640
Final Boiling Pt., °F, max		698
Flash Point, °F, min	D56	125
Gravity, °API, typical	D287	38
Lubricity, HFRR @ 60°C, typical	D6079	460
Sulfur, ppm, max	D5453	15
Viscosity, cSt @ 40 °C	D482	1.9-4.1

Note

⁽¹⁾ Varies by region. Fungible product specifications minimum conform to CARB fuel regulations and ASTM.

For further information on Tesoro fuels, contact:
 Tesoro Quality Assurance
 Phone: 1-310-847-5605
 Tesoro Companies Inc.
 2350 East 223rd Street
 Carson, California 90810



Product Information

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