



May 12, 2023

Mr. Keith Macias
Compliance Division
Ventura County Air Pollution Control District
4567 Telephone Rd., Second Floor
Ventura, CA 93003

SUBJECT: ANNUAL TITLE V COMPLIANCE CERTIFICATION
FOR PERIOD BEGINNING APRIL 1, 2022
VENTURA COUNTY APCD PERMIT 00041

Dear Mr. Macias:

Enclosed please find Aera Energy LLC's (Aera) Annual Compliance Certification report for the period April 1, 2022 through March 31, 2023 for Permit No. 00041.

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

**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, 2022 – MARCH 31, 2023**

MAY 12, 2023



**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:


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: 	Date: 5/12/2023
--	------------------------

Time Period Covered by Compliance Certification <u>04 / 01 / 22</u> (MM/DD/YY) to <u>03 / 31 / 23</u> (MM/DD/YY)



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/22 (MM/DD/YY) to 03/31/23 (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: 4/9/2022 2:33:00PM End: 4/9/2022 6:23:00PM When Discovered: 4/9/2022 2:33:00PM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: An Edison power dip caused the vapor recovery compressors to go down at the D&N facility which led to the venting of several tanks.		H. Corrective actions taken: The vapor recovery compressors resumed normal operation once the compressors were reset.

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 2 - 500 BBL Waste Fluids/Solids Storage Tanks, VR	C. Deviation Period: Date & Time Begin: 4/12/2022 4:35:00PM End: 4/12/2022 5:20:00PM When Discovered: 4/12/2022 4:35:00PM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: Moisture in the pneumatic controls caused the tank vacuum valve to close which in turn led to the venting of the 2-500 bbl waste fluid tanks at the Lloyd Shaker facility.		H. Corrective actions taken: The tank vapor control valves resumed normal operation once the pneumatic lines were drained of liquids.

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: 6/23/2022 3:43:00AM End: 6/23/2022 3:56:00AM When Discovered: 6/23/2022 3:43:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: An Edison power dip caused the vapor recovery compressors to go down at the D&N facility which led to the venting of several tanks.		H. Corrective actions taken: The vapor recovery compressors resumed normal operation once the compressors were reset.



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/22 (MM/DD/YY) to 03/31/23 (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: 6/28/2022 3:54:00AM End: 6/28/2022 6:25:00AM When Discovered: 6/28/2022 3:54:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: A bird made contact with power lines causing the vapor recovery compressors to shut down on the LLoyd lease which led to the venting of several tanks.		H. Corrective actions taken: Power was restored and the vapor recovery compressors were able to resume normal operation.

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 2 - 500 BBL Waste Fluids/Solids Storage Tanks, VR	C. Deviation Period: Date & Time Begin: 9/1/2022 8:16:00AM End: 9/1/2022 8:35:00AM When Discovered: 9/1/2022 8:16:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: The vapor recovery control valve malfunctioned which led to the venting of the 2-500 bbl tanks at the Lloyd Solids		H. Corrective actions taken: The control valve was repaired and the vapor recovery system resumed normal operation.

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: 9/4/2022 1:25:00PM End: 9/4/2022 8:43:00PM When Discovered: 9/4/2022 1:25:00PM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: Failed SCE electrical equipment caused a brief loss of power. The power outage caused the vapor recovery compressors to go down on the Taylor lease which led to the venting of several tanks.		H. Corrective actions taken: The vapor recovery compressors resumed normal operation once power was restored and vapor recovery systems were reset.



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/22 (MM/DD/YY) to 03/31/23 (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: 9/10/2022 12:28:00AM End: 9/10/2022 9:59:00PM When Discovered: 9/10/2022 12:28:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: An internal power failure caused the vapor recovery compressors to go down on the Taylor lease which led to the venting of several tanks.		H. Corrective actions taken: The vapor recovery compressors resumed normal operation once power was restored.

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: 10/15/2022 8:00:00AM End: 10/15/2022 2:30:00PM When Discovered: 10/15/2022 8:00:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: A transformer failed causing the vapor recovery compressors to go down on the Taylor lease which led to the venting of several tanks.		H. Corrective actions taken: The vapor recovery compressors resumed normal operation once repairs were made to the electrical system and power was restored.

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 5000 bbl C-Block LACT Tank (TOLD-T310A) VR	C. Deviation Period: Date & Time Begin: 10/16/2022 10:05:00PM End: 10/16/2022 10:33:00PM When Discovered: 10/16/2022 10:05:00PM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: A level measurement device (K-TEK) malfunctioned which allowed produced gas from the FWKO to overpressure Tank T-310A at the Lloyd Tank Farm.		H. Corrective actions taken: The level measurement device was flushed which allowed the gas and vapor recovery systems to return to normal operation.



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04/01/22 (MM/DD/YY) to 03/31/23 (MM/DD/YY)

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 5000 bbl FWKO/Wash Tank (TOLD-T330A) VR	C. Deviation Period: Date & Time Begin: 12/22/2022 9:00:00AM End: 12/22/2022 11:41:00AM When Discovered: 12/22/2022 9:00:00AM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: During a 3rd party inspection, a leaking manway hatch (>10K ppm) was identified on the 5,000 bbl Wash Tank (T-330A) at the Lloyd Tank Farm.		H. Corrective actions taken: The seal was cleaned and greased which repaired the leak.

A. Attachment # or Permit Condition #: Rule: 71.1N1 Rule Condition No: 1	B. Equipment Description: 1 - 3000 BBL LACT Tank (T-400A) VR	C. Deviation Period: Date & Time Begin: 3/21/2023 10:50:00AM End: 3/21/2023 11:10:00AM When Discovered: 3/21/2023 2:08:38PM
D. Parameters monitored: Not Applicable	E. Limit: Not Applicable	F. Actual: Not Applicable
G. Probable Cause of Deviation: Moisture in the vapor recovery control valve caused it to fail which in turn led to the venting of Tank T-400A at the D&N facility.		H. Corrective actions taken: The tank vapor control valve resumed normal operation once the electronics were dried out and cleaned.



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 1 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
Equipment: FACILITY-WIDE REQUIREMENTS Revised on 4/1/2022				
0041PC9 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
40CFR600000a Cond 1	In Compliance	Continuous	Reference Condition	
40CFR600000a Cond 2	In Compliance	Continuous	Reference Condition	
40CFR600000a Cond 3	In Compliance	Continuous	Reference Condition	
40CFR600000a Cond 4	In Compliance	Continuous	Reference Condition	
40CFR600000a Cond 5	In Compliance	Continuous	Reference Condition	
40CFR600000a Cond 6	In Compliance	Continuous	Reference Condition	
40CFR600000a Cond 7	In Compliance	Continuous	Documentation of 74.10 leak inspections	
40CFR600000a Cond 8	In Compliance	Continuous	Documentation of leak inspections	
40CFR600000a Cond 9	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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 2 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
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	Documentation of Title V five year renewal	
40CFR70 Cond 14	In Compliance	Continuous	Documentation of Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 3 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
40CFR70 Cond 15	In Compliance	Continuous	Documentation of Annual Certification submittals	
40CFR82 Cond 1	In Compliance	Continuous	Work Practices – Refrigeration System Compliance	
40CFR82 Cond 2	In Compliance	Continuous	Work Practices – Refrigeration System Compliance	
50 Cond 1	In Compliance	Continuous	Work Practices - Visible Emissions	
50 Cond 2	In Compliance	Continuous	Documentation of visible emissions	
50 Cond 3	In Compliance	Continuous	Documentation of visual emission evaluations and Annual Certification by Responsible Official	
50 Cond 4	In Compliance	Continuous	Documentation of visible emissions upon District request	
54.B.1 Cond 1	In Compliance	Continuous	Documentation of fuel sulfur analysis	
54.B.1 Cond 2	In Compliance	Continuous	Reference Condition	
54.B.1 Cond 3	In Compliance	Continuous	Documentation of compliance upon District request	
54.B.2 Cond 1	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	
54.B.2 Cond 2	In Compliance	Continuous	Documentation of 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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 4 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
54.B.2 Cond 4	In Compliance	Continuous	Documentation of air modeling for ground level SO2 based on District request	
57.1 Cond 1	In Compliance	Continuous	Documentation of District analysis	
57.1 Cond 2	In Compliance	Continuous	Documentation of compliance upon District request	
57.1 Cond 3	In Compliance	Continuous	Reference Condition	
64.B.1 Cond 1	In Compliance	Continuous	Documentation of fuel sulfur analysis	
64.B.1 Cond 2	In Compliance	Continuous	Reference Condition	
64.B.1 Cond 3	In Compliance	Continuous	Documentation of fuel sulfur analysis	
64.B.1 Cond 4	In Compliance	Continuous	Documentation of fuel sulfur analysis and annual submittal	
64.B.2 Cond 1	In Compliance	Continuous	Reference Condition	
64.B.2 Cond 2	In Compliance	Continuous	Documentation of liquid fuel sulfur content	
64.B.2 Cond 3	In Compliance	Continuous	Documentation of liquid fuel sulfur content	
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors at the D&N facility went down due to an external (Edison) power dip 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: 04/09/2022



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 5 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors at the D&N facility went down due to an external (Edison) power dip 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: 06/23/2022
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors on the Lloyd lease went down due to an internal 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: 06/28/2022
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	An SCE power outage caused the vapor recovery compressors to go down on the Taylor lease which led to the venting of several tanks. Breakdown relief requested and granted. Event Date: 09/04/2022
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors on the Taylor lease went down due to a internal power line 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: 09/10/2022



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 6 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1.C Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	The vapor recovery compressors on the Taylor lease went down due to a internal 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: 10/15/2022
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	
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 4	In Compliance	Continuous	Documentation of well maintenance upon District request	
71.4.B.3 Cond 4	In Compliance	Continuous	Documentation of well cellar inspections	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 7 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 – Ventura Title V Overview	
74.10 Cond 3	In Compliance	Continuous	Reference Condition	
74.10 Cond 4	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 5	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 6	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 7	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 8	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 8 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.10 Cond 9	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 10	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 11	In Compliance	Continuous	Reference Condition	
74.10 Cond 12	In Compliance	Continuous	Reference Condition	
74.10 Cond 13	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 14	In Compliance	Continuous	Reference Condition	
74.10 Cond 15	In Compliance	Continuous	Reference Condition	
74.10 Cond 16	In Compliance	Continuous	Reference Condition	
74.10 Cond 17	In Compliance	Continuous	Documentation of Operator Management Plan annual submittal/update	
74.10 Cond 18	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 19	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 20	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 21	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 22	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 9 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.10 Cond 23	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 24	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
74.10 Cond 25	In Compliance	Continuous	Reference Condition	
74.10 Cond 26	In Compliance	Continuous	Reference Condition	
74.10 Cond 27	In Compliance	Continuous	Reference Condition	
74.10 Cond 28	In Compliance	Continuous	Reference Condition	
74.10 Cond 29	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 30	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 31	In Compliance	Continuous	Documentation of 74.10 inspection logs	
74.10 Cond 32	In Compliance	Continuous	Documentation of calibration records	
74.10 Cond 33	In Compliance	Continuous	Reference Condition	
74.10 Cond 34	In Compliance	Continuous	Reference Condition	
74.10 Cond 35	In Compliance	Continuous	Reference Condition	
74.10 Cond 36	In Compliance	Continuous	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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 10 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.11.1 Cond 4	In Compliance	Continuous	Documentation of compliance upon District request	
74.16 Cond 1	In Compliance	Continuous	Reference Condition	
74.16 Cond 2	In Compliance	Continuous	Reference Condition	
74.16 Cond 3	In Compliance	Continuous	Documentation of NOx requirements and California Air Resources Board PERP registration	
74.16 Cond 4	In Compliance	Continuous	Documentation of NOx requirements and California Air Resources Board PERP registration	
74.16 Cond 5	In Compliance	Continuous	Documentation of source test report upon District request	
74.16 Cond 6	In Compliance	Continuous	Documentation of cost analysis records	
74.2 Cond 1	In Compliance	Continuous	Work Practices - Architectural Coatings	
74.2 Cond 2	In Compliance	Continuous	Work Practices - Architectural Coatings	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 11 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 12 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.28 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
74.28 Cond 4	In Compliance	Continuous	Documentation of equipment configuration	
74.28 Cond 5	In Compliance	Continuous	Reference Condition	
74.29 Cond 1	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 2	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 3	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 4	In Compliance	Continuous	Documentation of District notification	
74.29 Cond 5	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 6	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 7	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 8	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.29 Cond 9	In Compliance	Continuous	Reference Condition	
74.29 Cond 10	In Compliance	Continuous	Reference Condition	
74.29 Cond 11	In Compliance	Continuous	Reference Condition	
74.29 Cond 12	In Compliance	Continuous	Documentation of soil aeration log records	
74.29 Cond 13	In Compliance	Continuous	Documentation of compliance upon District request	
74.29 Cond 14	In Compliance	Continuous	Work Practices - Soil Decontamination	
74.4.D Cond 1	In Compliance	Continuous	Documentation of road oil constituents	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 13 of 45
<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: Method: "CONTINUOUS" OR "INTERMITTENT"	<u>COLUMN 4</u> Method for determining Compliance Status.	<u>COLUMN 5</u> Additional Information <small>(excursions, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.4.D Cond 2	In Compliance	Continuous	Documentation of oil analysis records	
74.6 Cond 1	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 2	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 3	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 4	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 5	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 6	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 7	In Compliance	Continuous	Work Practices - Solvent Usage	
74.6 Cond 8	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
74.6 Cond 9	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 14 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
Equipment: 1 - 5000 BBL PWT New Wemco Tank (TWCF-T400) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 1000 BBL Solids Tank, COST (TWSI-T001) VR Revised on 4/1/2014				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC14 Cond 1	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
0041PC14 Cond 3	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
0041PC14 Cond 7	In Compliance	Continuous	Documentation of throughput records	
0041PC14 Cond 8	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 15 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
TP0041 Cond	In Compliance	Continuous	Documentation of throughput records	
Equipment: 1 - 70000 BBL Emergency Cement Bowl (CMD-S70K) Out of service Revised on 4/1/2022				
0041PC8 Cond 1	In Compliance	Continuous	Does Not Apply	
0041PC8 Cond 2	In Compliance	Continuous	Does Not Apply	
0041PC8 Cond 3	In Compliance	Continuous	Documentation of out of service equipment status record	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 16 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
0041PC2 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 2	In Compliance	Continuous	Documentation of flare operating logs	
0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond	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 2	In Compliance	Continuous	Documentation of flare operating logs	
0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	
TP0041 Cond	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				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 17 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 18 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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-202) 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	
74.9N4 Cond 1	In Compliance	Continuous	Documentation of source test reports	
74.9N4 Cond 2	In Compliance	Continuous	Documentation of I.C. engine source test methods and submittal requirements	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 19 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 - 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 4/1/2022				
71.5N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
71.5N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 Operator Management Plan	
71.5N1 Cond 4	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit:
Certification Period: 04/01/2022 through 03/31/2023				Page 20 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 operating 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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 21 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
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 4/1/2022				
0041ZZZN3 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN3 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN3 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041ZZZN3 Cond 4	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN3 Cond 5	In Compliance	Continuous	Documentation of operating records	
0041ZZZN3 Cond 6	In Compliance	Continuous	Documentation of operating logs and maintenance logs	
0041ZZZN3 Cond 7	In Compliance	Continuous	Documentation of fuel delivery records	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 22 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
0041ZZZN3 Cond 8	In Compliance	Continuous	Documentation of fuel delivery records	
0041ZZZN3 Cond 9	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
74.9N7 Cond 1	In Compliance	Continuous	Documentation of engine run-time records	
74.9N7 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	
74.9N7 Cond 3	In Compliance	Continuous	Documentation of Annual Certification submittals	
74.9N7 Cond 4	In Compliance	Continuous	Annual report requirements	
Equipment: 8000 bbl LACT Tank (VORD-T026A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 23 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 4/1/2022				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC3 Cond 1	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 3	In Compliance	Continuous	Documentation of source test reports	
0041PC3 Cond 4	In Compliance	Continuous	Documentation of fuel consumption records	
0041PC3 Cond 7	In Compliance	Continuous	Reference Condition	
74.15N1 Cond 1	In Compliance	Continuous	Documentation of source test reports	
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 2	In Compliance	Continuous	Documentation of source test reports	
74.15N1 Cond 3	In Compliance	Continuous	Documentation of alternate fuel use	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 24 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
74.15N1 Cond 6	In Compliance	Continuous	Documentation of FGR monitoring and recordkeeping requirements	
TP0041 Cond 31	In Compliance	Continuous	Documentation of fuel consumption records	
Equipment: 1 - 42.75 sqft (9.5' x 4.5') Covered Trough (Sump) Revised on 4/1/2014				
0041PC14 Cond 4	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
0041PC14 Cond 6	In Compliance	Continuous	Work Practices - Lloyd Solids Processing	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 25 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	Intermittent	Documentation of equipment configuration	An instrumentation failure caused the loss of tank vapor control at the Lloyd Shaker facility which led to the venting of 2-500 bbl tanks. Breakdown relief requested and granted. Event Date: 04/12/2022
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	An instrumentation failure caused the loss of tank vapor control for 2-500 bbl tanks at the Lloyd Solids Processing Facility which led to the venting of the tanks. Breakdown relief requested and granted. Event Date: 09/01/2022
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 26 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 - Lloyd Solids Processing	
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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 27 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
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				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 28 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 3000 BBL LACT Tank (T-400A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	An instrumentation failure caused the loss of tank vapor control at the D&N facility which led to the venting of Tank T-400A. Breakdown relief requested. Event Date: 03/21/2023
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 29 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 3000 BBL LACT Tank (T-420A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 30 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 3000 BBL PWT / LACT (T-430A) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
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				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 31 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	A leaking manway hatch (>10K ppm) on the 5,000 bbl Wash Tank (T-330A) at the Lloyd Tank Farm 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: 12/22/2022
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				
71.1N1 Cond 1	In Compliance	Intermittent	Documentation of equipment configuration	An instrumentation failure caused venting of produced gas from Tank T-310A at the Lloyd Tank Farm. Breakdown relief requested and granted. Event Date: 10/16/2022
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 32 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 33 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
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				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 34 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1 - 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	
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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 35 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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: 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	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 36 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 - 1,000 BBL Backwash Tank (T-103) VR Revised on 2/25/2019				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1- 5000 BBL PWT Blended Water Tank (VWCP T500) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 37 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1- 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				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 38 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1- 2000 BBL PWT Wemco Skim Tank (VWCP-T200) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 1- 1000 BBL PWT Overflow Tank (VWCP-T100) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 39 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
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				



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 40 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	
Equipment: 10,500 bbl LACT Tank (VOTD-T201) VR Revised on 4/1/2014				
71.1N1 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
71.1N1 Cond 2	In Compliance	Continuous	Documentation of maintenance activities and APCD notifications	
71.1N1 Cond 3	In Compliance	Continuous	Documentation of 74.10 leak inspections and 74.10 Operator Management Plan	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	
71.1N1 Cond 5	In Compliance	Continuous	Documentation of equipment configuration and Annual Certification by Responsible Official	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 41 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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	
71.1N1 Cond 4	In Compliance	Continuous	Documentation of vapor recovery component inspections and maintenance activities	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 42 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 2	In Compliance	Continuous	Documentation of flare operating logs	
0041PC2 Cond 3	In Compliance	Continuous	Documentation of equipment configuration	
0041PC2 Cond 4	In Compliance	Continuous	Documentation of flare's ignition test	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 43 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
0041PC2 Cond 5	In Compliance	Continuous	Documentation of flare operating logs	
TP0041 Cond	In Compliance	Continuous	Documentation of fuel consumption records	
Equipment: 1 - 748 BHP Rich Burn Waukesha NG Engine Model L579OGU (CP2-1) NSCR Revised on 4/1/2022				
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	
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
74.9N3 Cond 1	In Compliance	Continuous	Documentation of source test reports	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 44 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
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 L579OGU (CP2-2) NSCR Revised on 4/1/2022				
0041PC1 Cond 1	In Compliance	Continuous	Documentation of throughput and consumption records	
0041PC1 Cond 2	In Compliance	Continuous	Documentation of equipment configuration and operating parameters	
0041PC4 Cond 1	In Compliance	Continuous	Documentation of equipment configuration	
0041PC4 Cond 2	In Compliance	Continuous	Documentation of equipment configuration	



Ventura County Air Pollution Control District

Company Name: Aera Energy LLC				Permit: 0041
Certification Period: 04/01/2022 through 03/31/2023				Page 45 of 45
<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, exceedences, or additional data that indicated non compliance during the certification period)</small>
0041ZZZN7 Cond 1	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 2	In Compliance	Continuous	Documentation of IC Engine Operator Inspection Plan	
0041ZZZN7 Cond 3	In Compliance	Continuous	Documentation of operating parameters	
0041ZZZN7 Cond 4	In Compliance	Continuous	Documentation of maintenance records	
0041ZZZN7 Cond 5	In Compliance	Continuous	Documentation of Annual Certification by Responsible Official	
74.9N3 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, 2022 – March 31, 2023

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:

- Lloyd Corporation Lease (Plant No. 2), IC Engine C-202, May 5, 2022
- Lloyd Corporation Lease (Plant No. 2), IC Engine C-201, May 4, 2022
- Gas Plant 7, BYIS Heater No. 601A, July 14, 2022

Rule 64.B.1 Compliance

The fuel test was performed by Aera personnel on 4/9/22 and the results were 0.2 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 – 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 – 300 sqft. Pit (V127) Exempt < 5 mg/l
- 1 - 14.25 MMBTU/Hr NG Wheco Heater Serial No. WJ-81-009, Unit No. 602
- 1 – 1108 BHP Lean Burn NG Waukesha Engine (C-101)
- 1 – 1108 BHP Lean Burn NG Waukesha Engine (C-102)
- 1 – 1108 BHP Lean Burn NG Waukesha Engine (C-103)
- 1 – Glycol Dehydrator System (16.1 MMSCFD/Triethylene Glycol)

Internal Combustion Engine Emissions Test Results

Analyzer Type: Testo

Year: 2022-23

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 2, 2022			
						Apr	May	Jun	
C-101*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OUT OF SERVICE
			CO						
C-102*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OUT OF SERVICE
			CO						
C-103*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OUT OF SERVICE
			CO						
C-201*	5/5/2022		NOx		Alliance	488	490	338	Biennial source test
			CO						
C-202*	5/4/2022		NOx		Alliance	226	254	381	Biennial source test
			CO						
CP 2-1**	4/28/2022	0.63	NOx	1.7 ppm	MV	154	0	153	
			CO	72 ppm					
CP 2-2**	4/28/2022	0.54	NOx	6.3 ppm	MV	566	744	567	
			CO	728 ppm					

Engine ID	Date	O2%	Emis	PPMV @ 15% O2	Insp. Initials	Runtime Hours			Corrective Actions
						Quarter 3, 2022			
						Jul	Aug	Sep	
C-101*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OUT OF SERVICE
			CO						
C-102*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OUT OF SERVICE
			CO						
C-103*	N/A		NOx			0	0	0	Engine operated < 32 hrs/month OUT OF SERVICE
			CO						
C-201*	7/28/2022	11.63	NOx	22.5 ppm	MV	338	329	429	
			CO	331 ppm					
C-202*	8/4/2022	11.16	NOx	27.2 ppm	MV	381	413	315	
			CO	278 ppm					
CP 2-1**	8/4/2022	0.65	NOx	9.1 ppm	MV	441	310	0	
			CO	517.3 ppm					
CP 2-2**	7/28/2022	0.36	NOx	5.4 ppm	MV	303	430	696	
			CO	1274.3 ppm					

* Lean Burn NO_x limit = 45 PPM

** Rich Burn NO_x limit = 25 PPM

All Engines CO limit = 2500 PPM

Internal Combustion Engine Emissions Test Results

Analyzer Type: Testo

Year: 2022-23

Runtime Hours

Quarter 4, 2022									
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*	12/31/2022	10.31	NOx	30.2 ppm	DD	378	91	366	
			CO	255 ppm					
C-202*	12/31/2022	10.99	NOx	28.4 ppm	JT	351	629	375	
			CO	276.3 ppm					
CP 2-1**	12/1/2022	0.18	NOx	3.2 ppm	CA	253	706	4	
			CO	1122.7 ppm					
CP 2-2**	12/1/2022	0.26	NOx	5.8 ppm	CA	475	15	726	
			CO	107.3 ppm					

Runtime Hours

Quarter 1, 2023									
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*	1/19/2023	11.04	NOx	21.8 ppm	JT	47	360	17	
			CO	259.3 ppm					
C-202*	1/19/2023	10.88	NOx	29 ppm	JT	688	300	727	
			CO	273 ppm					
CP 2-1**	1/11/2023	6.41	NOx	15 ppm	DD	157	132	390	
			CO	1283.7 ppm					
CP 2-2**	1/11/2023	11.4	NOx	5 ppm	DD	585	540	352	
			CO	280.3 ppm					

* Lean Burn NO_x limit = 45 PPM
 ** Rich Burn NO_x limit = 25 PPM
 All Engines CO limit = 2500 PPM

CP2 Unit 1 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
3/30/2023	2.83	Auto Update	<input type="checkbox"/>		Engine offline on 3/31/23
3/29/2023	2.71	Auto Update	<input type="checkbox"/>		
3/28/2023	2.77	Auto Update	<input type="checkbox"/>		
3/27/2023	2.52	Auto Update	<input type="checkbox"/>		
3/26/2023	2.32	Auto Update	<input type="checkbox"/>		
3/25/2023	3.16	Auto Update	<input type="checkbox"/>		
3/24/2023	3.29	Auto Update	<input type="checkbox"/>		Engine offline between 3/17/23 and 3/23/23
3/16/2023	2.64	Auto Update	<input type="checkbox"/>		
3/15/2023	2.35	Auto Update	<input type="checkbox"/>		
3/14/2023	2.27	Auto Update	<input type="checkbox"/>		
3/13/2023	2.69	Auto Update	<input type="checkbox"/>		
3/12/2023	2.78	Auto Update	<input type="checkbox"/>		
3/11/2023	2.97	Auto Update	<input type="checkbox"/>		
3/10/2023	2.47	Auto Update	<input type="checkbox"/>		
3/9/2023	2.66	Auto Update	<input type="checkbox"/>		
3/8/2023	2.86	Auto Update	<input type="checkbox"/>		Engine offline between 2/7/23 and 3/7/23
2/6/2023	5.87	Auto Update	<input type="checkbox"/>		
2/5/2023	6.85	Auto Update	<input type="checkbox"/>		
2/4/2023	5.30	Auto Update	<input type="checkbox"/>		
2/3/2023	2.99	Auto Update	<input type="checkbox"/>		
2/2/2023	1.53	Demand Update	<input type="checkbox"/>		
2/1/2023	11.36	Auto Update	<input type="checkbox"/>		
1/31/2023	11.40	Auto Update	<input type="checkbox"/>		
1/30/2023	13.98	Auto Update	<input type="checkbox"/>		
1/29/2023	15.13	Auto Update	<input type="checkbox"/>		
1/28/2023	15.13	Auto Update	<input type="checkbox"/>		
1/27/2023	12.28	Auto Update	<input type="checkbox"/>		Engine offline between 1/12/23 and 1/26/23
1/11/2023	10.73	Auto Update	<input type="checkbox"/>		Engine offline between 12/1/22 and 1/20/23
11/30/2022	13.32	Auto Update	<input type="checkbox"/>		
11/29/2022	11.20	Auto Update	<input type="checkbox"/>		
11/28/2022	12.32	Auto Update	<input type="checkbox"/>		
11/27/2022	12.77	Auto Update	<input type="checkbox"/>		
11/26/2022	9.64	Demand Update	<input type="checkbox"/>		
11/25/2022	11.72	Auto Update	<input type="checkbox"/>		

CP2 Unit 1 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
11/24/2022	12.18	Auto Update	<input type="checkbox"/>		
11/23/2022	11.91	Auto Update	<input type="checkbox"/>		
11/22/2022	14.02	Auto Update	<input type="checkbox"/>		
11/21/2022	14.20	Auto Update	<input type="checkbox"/>		
11/20/2022	12.03	Auto Update	<input type="checkbox"/>		
11/19/2022	11.95	Auto Update	<input type="checkbox"/>		
11/18/2022	9.65	Auto Update	<input type="checkbox"/>		
11/17/2022	8.27	Auto Update	<input type="checkbox"/>		
11/16/2022	8.42	Auto Update	<input type="checkbox"/>		
11/15/2022	7.27	Auto Update	<input type="checkbox"/>		
11/14/2022	8.18	Auto Update	<input type="checkbox"/>		
11/13/2022	8.02	Auto Update	<input type="checkbox"/>		
11/12/2022	7.61	Auto Update	<input type="checkbox"/>		
11/11/2022	6.58	Auto Update	<input type="checkbox"/>		
11/10/2022	5.82	Auto Update	<input type="checkbox"/>		
11/9/2022	5.09	Auto Update	<input type="checkbox"/>		
11/8/2022	2.97	Auto Update	<input type="checkbox"/>		
11/7/2022	7.05	Auto Update	<input type="checkbox"/>		
11/6/2022	7.35	Auto Update	<input type="checkbox"/>		
11/5/2022	8.01	Auto Update	<input type="checkbox"/>		
11/4/2022	7.63	Auto Update	<input type="checkbox"/>		
11/3/2022	7.86	Auto Update	<input type="checkbox"/>		
11/2/2022	6.26	Auto Update	<input type="checkbox"/>		
11/1/2022	7.46	Auto Update	<input type="checkbox"/>		
10/31/2022	10.41	Auto Update	<input type="checkbox"/>		
10/30/2022	12.66	Auto Update	<input type="checkbox"/>		Engine offline on 10/29/22
10/28/2022	7.37	Manual Update	<input type="checkbox"/>		
10/27/2022	1.51	Auto Update	<input type="checkbox"/>		Engine offline between 10/25/22 and 10/26/22
10/24/2022	10.33	Manual Update	<input checked="" type="checkbox"/>	14hr 28min	High NOx, adjusted AFRC, manual test passed
10/23/2022	8.33	Manual Update	<input type="checkbox"/>		
10/22/2022	4.67	Manual Update	<input type="checkbox"/>		
10/21/2022	9.00	Manual Update	<input type="checkbox"/>		
10/20/2022	9.95	Auto Update	<input type="checkbox"/>		
10/19/2022	18.12	Demand Update	<input type="checkbox"/>		Engine offline between 8/27/22 and 10/18/22

CP2 Unit 1 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
8/26/2022	9.30	Auto Update	<input type="checkbox"/>		
8/25/2022	12.95	Auto Update	<input type="checkbox"/>		
8/24/2022	10.53	Auto Update	<input type="checkbox"/>		
8/23/2022	15.56	Auto Update	<input type="checkbox"/>		
8/22/2022	10.23	Auto Update	<input type="checkbox"/>		
8/21/2022	12.03	Auto Update	<input type="checkbox"/>		
8/20/2022	11.22	Auto Update	<input type="checkbox"/>		
8/19/2022	10.65	Auto Update	<input type="checkbox"/>		Engine offline between 8/9/22 and 8/18/22
8/8/2022	9.32	Auto Update	<input type="checkbox"/>		
8/7/2022	9.71	Auto Update	<input type="checkbox"/>		
8/6/2022	8.57	Auto Update	<input type="checkbox"/>		
8/5/2022	9.80	Demand Update	<input type="checkbox"/>		
8/4/2022	7.78	Auto Update	<input type="checkbox"/>		Engine offline between 7/20/22 and 8/3/22
7/19/2022	8.57	Auto Update	<input type="checkbox"/>		
7/18/2022	10.29	Auto Update	<input type="checkbox"/>		
7/17/2022	10.47	Auto Update	<input type="checkbox"/>		
7/16/2022	10.29	Auto Update	<input type="checkbox"/>		
7/15/2022	9.21	Auto Update	<input type="checkbox"/>		
7/14/2022	9.48	Auto Update	<input type="checkbox"/>		
7/13/2022	9.92	Auto Update	<input type="checkbox"/>		
7/12/2022	8.89	Auto Update	<input type="checkbox"/>		
7/11/2022	8.86	Auto Update	<input type="checkbox"/>		
7/10/2022	8.12	Auto Update	<input type="checkbox"/>		
7/9/2022	8.55	Auto Update	<input type="checkbox"/>		
7/8/2022	8.07	Auto Update	<input type="checkbox"/>		
7/7/2022	7.18	Auto Update	<input type="checkbox"/>		
7/6/2022	8.05	Auto Update	<input type="checkbox"/>		
7/5/2022	7.65	Auto Update	<input type="checkbox"/>		
7/4/2022	8.56	Auto Update	<input type="checkbox"/>		
7/3/2022	8.00	Auto Update	<input type="checkbox"/>		
7/2/2022	7.22	Auto Update	<input type="checkbox"/>		
7/1/2022	7.15	Auto Update	<input type="checkbox"/>		
6/30/2022	6.42	Demand Update	<input type="checkbox"/>		
6/29/2022	8.67	Manual Update	<input type="checkbox"/>		

CP2 Unit 1 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
6/28/2022	2.39	Auto Update	<input type="checkbox"/>		
6/27/2022	3.53	Demand Update	<input type="checkbox"/>		
6/26/2022	4.09	Auto Update	<input type="checkbox"/>		
6/25/2022	3.96	Auto Update	<input type="checkbox"/>		Engine offline between 4/8/22 and 6/24/22
4/7/2022	5.32	Auto Update	<input type="checkbox"/>		
4/6/2022	4.94	Auto Update	<input type="checkbox"/>		
4/5/2022	5.41	Auto Update	<input type="checkbox"/>		
4/4/2022	6.33	Manual Update	<input type="checkbox"/>		
4/3/2022	5.18	Auto Update	<input type="checkbox"/>		
4/2/2022	5.33	Auto Update	<input type="checkbox"/>		
4/1/2022	5.58	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
3/23/2023	5.37	Auto Update	<input type="checkbox"/>		Engine offline between 3/24/23 and 3/31/23
3/22/2023	5.19	Auto Update	<input type="checkbox"/>		
3/21/2023	5.38	Auto Update	<input type="checkbox"/>		
3/20/2023	5.10	Auto Update	<input type="checkbox"/>		
3/19/2023	5.65	Auto Update	<input type="checkbox"/>		
3/18/2023	7.67	Auto Update	<input type="checkbox"/>		
3/17/2023	6.41	Auto Update	<input type="checkbox"/>		Engine offline between 3/8/23 and 3/16/23
3/7/2023	5.65	Auto Update	<input type="checkbox"/>		
3/6/2023	5.43	Auto Update	<input type="checkbox"/>		
3/5/2023	5.45	Auto Update	<input type="checkbox"/>		
3/4/2023	5.47	Auto Update	<input type="checkbox"/>		
3/3/2023	5.68	Auto Update	<input type="checkbox"/>		
3/2/2023	5.76	Auto Update	<input type="checkbox"/>		
3/1/2023	4.53	Auto Update	<input type="checkbox"/>		
2/28/2023	4.96	Auto Update	<input type="checkbox"/>		
2/27/2023	4.78	Auto Update	<input type="checkbox"/>		
2/26/2023	5.48	Auto Update	<input type="checkbox"/>		
2/25/2023	5.15	Auto Update	<input type="checkbox"/>		
2/24/2023	5.70	Auto Update	<input type="checkbox"/>		
2/23/2023	5.62	Auto Update	<input type="checkbox"/>		
2/22/2023	5.27	Auto Update	<input type="checkbox"/>		
2/21/2023	5.52	Auto Update	<input type="checkbox"/>		
2/20/2023	5.49	Auto Update	<input type="checkbox"/>		
2/19/2023	5.63	Auto Update	<input type="checkbox"/>		
2/18/2023	5.72	Auto Update	<input type="checkbox"/>		
2/17/2023	5.46	Auto Update	<input type="checkbox"/>		
2/16/2023	5.65	Auto Update	<input type="checkbox"/>		
2/15/2023	5.26	Auto Update	<input type="checkbox"/>		
2/14/2023	5.31	Auto Update	<input type="checkbox"/>		
2/13/2023	5.15	Auto Update	<input type="checkbox"/>		
2/12/2023	5.24	Auto Update	<input type="checkbox"/>		
2/11/2023	5.11	Auto Update	<input type="checkbox"/>		
2/10/2023	5.21	Auto Update	<input type="checkbox"/>		
2/9/2023	5.50	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
2/8/2023	5.62	Auto Update	<input type="checkbox"/>		
2/7/2023	5.96	Auto Update	<input type="checkbox"/>		Engine offline between 1/27/23 and 2/6/23
1/26/2023	5.25	Auto Update	<input type="checkbox"/>		
1/25/2023	5.46	Auto Update	<input type="checkbox"/>		
1/24/2023	5.31	Auto Update	<input type="checkbox"/>		
1/23/2023	5.36	Auto Update	<input type="checkbox"/>		
1/22/2023	5.52	Auto Update	<input type="checkbox"/>		
1/21/2023	5.37	Auto Update	<input type="checkbox"/>		
1/20/2023	5.72	Auto Update	<input type="checkbox"/>		
1/19/2023	5.67	Auto Update	<input type="checkbox"/>		
1/18/2023	5.33	Auto Update	<input type="checkbox"/>		
1/17/2023	5.34	Auto Update	<input type="checkbox"/>		
1/16/2023	5.98	Auto Update	<input type="checkbox"/>		
1/15/2023	5.40	Auto Update	<input type="checkbox"/>		
1/14/2023	5.28	Auto Update	<input type="checkbox"/>		
1/13/2023	5.55	Auto Update	<input type="checkbox"/>		
1/12/2023	5.66	Demand Update	<input type="checkbox"/>		Engine offline on 1/11/23
1/10/2023	5.54	Auto Update	<input type="checkbox"/>		
1/9/2023	6.30	Auto Update	<input type="checkbox"/>		
1/8/2023	6.31	Auto Update	<input type="checkbox"/>		
1/7/2023	6.01	Auto Update	<input type="checkbox"/>		
1/6/2023	6.23	Auto Update	<input type="checkbox"/>		
1/5/2023	6.51	Auto Update	<input type="checkbox"/>		
1/4/2023	5.89	Auto Update	<input type="checkbox"/>		
1/3/2023	5.85	Auto Update	<input type="checkbox"/>		
1/2/2023	6.30	Auto Update	<input type="checkbox"/>		
1/1/2023	5.87	Auto Update	<input type="checkbox"/>		
12/31/2022	6.04	Auto Update	<input type="checkbox"/>		
12/30/2022	5.86	Auto Update	<input type="checkbox"/>		
12/29/2022	5.91	Auto Update	<input type="checkbox"/>		
12/28/2022	6.09	Auto Update	<input type="checkbox"/>		
12/27/2022	5.93	Auto Update	<input type="checkbox"/>		
12/26/2022	6.26	Auto Update	<input type="checkbox"/>		
12/25/2022	6.30	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
12/24/2022	6.53	Auto Update	<input type="checkbox"/>		
12/23/2022	6.34	Auto Update	<input type="checkbox"/>		
12/22/2022	6.49	Auto Update	<input type="checkbox"/>		
12/21/2022	6.79	Auto Update	<input type="checkbox"/>		
12/20/2022	6.52	Auto Update	<input type="checkbox"/>		
12/19/2022	6.49	Auto Update	<input type="checkbox"/>		
12/18/2022	6.36	Auto Update	<input type="checkbox"/>		
12/17/2022	6.19	Auto Update	<input type="checkbox"/>		
12/16/2022	6.65	Auto Update	<input type="checkbox"/>		
12/15/2022	6.42	Auto Update	<input type="checkbox"/>		
12/14/2022	6.90	Auto Update	<input type="checkbox"/>		
12/13/2022	7.32	Auto Update	<input type="checkbox"/>		
12/12/2022	6.64	Auto Update	<input type="checkbox"/>		
12/11/2022	7.23	Auto Update	<input type="checkbox"/>		
12/10/2022	7.77	Auto Update	<input type="checkbox"/>		
12/9/2022	7.66	Auto Update	<input type="checkbox"/>		
12/8/2022	7.94	Auto Update	<input type="checkbox"/>		
12/7/2022	7.64	Auto Update	<input type="checkbox"/>		
12/6/2022	8.00	Auto Update	<input type="checkbox"/>		
12/5/2022	7.75	Auto Update	<input type="checkbox"/>		
12/4/2022	7.68	Auto Update	<input type="checkbox"/>		
12/3/2022	7.68	Auto Update	<input type="checkbox"/>		
12/2/2022	7.63	Auto Update	<input type="checkbox"/>		
12/1/2022	5.10	Auto Update	<input type="checkbox"/>		Engine offline between 10/30/22 and 11/30/22
10/29/2022	4.70	Auto Update	<input type="checkbox"/>		Engine offline between 10/27/22 and 10/28/22
10/26/2022	5.03	Auto Update	<input type="checkbox"/>		
10/25/2022	4.74	Auto Update	<input type="checkbox"/>		Engine offline between 10/19/22 and 10/24/22
10/18/2022	5.29	Auto Update	<input type="checkbox"/>		
10/17/2022	5.68	Auto Update	<input type="checkbox"/>		
10/16/2022	5.19	Demand Update	<input type="checkbox"/>		
10/15/2022	5.87	Auto Update	<input type="checkbox"/>		
10/14/2022	6.12	Auto Update	<input type="checkbox"/>		
10/13/2022	5.62	Auto Update	<input type="checkbox"/>		
10/12/2022	5.87	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
10/11/2022	5.63	Auto Update	<input type="checkbox"/>		
10/10/2022	5.70	Auto Update	<input type="checkbox"/>		
10/9/2022	6.09	Auto Update	<input type="checkbox"/>		
10/8/2022	5.49	Auto Update	<input type="checkbox"/>		
10/7/2022	5.58	Auto Update	<input type="checkbox"/>		
10/6/2022	5.58	Auto Update	<input type="checkbox"/>		
10/5/2022	5.60	Auto Update	<input type="checkbox"/>		
10/4/2022	5.93	Auto Update	<input type="checkbox"/>		
10/3/2022	5.79	Auto Update	<input type="checkbox"/>		
10/2/2022	5.58	Auto Update	<input type="checkbox"/>		
10/1/2022	5.65	Auto Update	<input type="checkbox"/>		
9/30/2022	6.09	Auto Update	<input type="checkbox"/>		
9/29/2022	5.50	Auto Update	<input type="checkbox"/>		
9/28/2022	5.70	Auto Update	<input type="checkbox"/>		
9/27/2022	5.53	Auto Update	<input type="checkbox"/>		
9/26/2022	5.80	Auto Update	<input type="checkbox"/>		
9/25/2022	5.48	Auto Update	<input type="checkbox"/>		
9/24/2022	5.49	Auto Update	<input type="checkbox"/>		
9/23/2022	5.84	Auto Update	<input type="checkbox"/>		
9/22/2022	5.46	Auto Update	<input type="checkbox"/>		
9/21/2022	5.35	Auto Update	<input type="checkbox"/>		
9/20/2022	5.45	Auto Update	<input type="checkbox"/>		
9/19/2022	5.22	Auto Update	<input type="checkbox"/>		
9/18/2022	5.20	Auto Update	<input type="checkbox"/>		
9/17/2022	4.90	Auto Update	<input type="checkbox"/>		
9/16/2022	5.61	Auto Update	<input type="checkbox"/>		
9/15/2022	5.47	Auto Update	<input type="checkbox"/>		
9/14/2022	5.43	Auto Update	<input type="checkbox"/>		
9/13/2022	5.52	Auto Update	<input type="checkbox"/>		
9/12/2022	6.46	Demand Update	<input type="checkbox"/>		
9/11/2022	2.67	Manual Update	<input type="checkbox"/>		
9/10/2022	2.67	Manual Update	<input type="checkbox"/>		
9/9/2022	5.92	Auto Update	<input type="checkbox"/>		
9/8/2022	4.77	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
9/7/2022	4.95	Auto Update	<input type="checkbox"/>		
9/6/2022	3.92	Auto Update	<input type="checkbox"/>		
9/5/2022	5.42	Demand Update	<input type="checkbox"/>		
9/4/2022	5.89	Auto Update	<input type="checkbox"/>		
9/3/2022	4.69	Auto Update	<input type="checkbox"/>		
9/2/2022	4.95	Auto Update	<input type="checkbox"/>		
9/1/2022	4.71	Auto Update	<input type="checkbox"/>		
8/31/2022	4.93	Auto Update	<input type="checkbox"/>		
8/30/2022	5.25	Auto Update	<input type="checkbox"/>		
8/29/2022	5.44	Auto Update	<input type="checkbox"/>		
8/28/2022	6.24	Auto Update	<input type="checkbox"/>		
8/27/2022	7.11	Auto Update	<input type="checkbox"/>		Engine offline between 8/19/22 and 8/26/22
8/18/2022	4.96	Auto Update	<input type="checkbox"/>		
8/17/2022	5.42	Auto Update	<input type="checkbox"/>		
8/16/2022	5.84	Auto Update	<input type="checkbox"/>		
8/15/2022	6.16	Auto Update	<input type="checkbox"/>		
8/14/2022	6.19	Auto Update	<input type="checkbox"/>		
8/13/2022	5.95	Auto Update	<input type="checkbox"/>		
8/12/2022	6.06	Auto Update	<input type="checkbox"/>		
8/11/2022	6.38	Auto Update	<input type="checkbox"/>		
8/10/2022	7.51	Auto Update	<input type="checkbox"/>		
8/9/2022	7.48	Auto Update	<input type="checkbox"/>		Engine offline between 8/4/22 and 8/8/22
8/3/2022	6.17	Auto Update	<input type="checkbox"/>		
8/2/2022	6.70	Auto Update	<input type="checkbox"/>		
8/1/2022	6.49	Auto Update	<input type="checkbox"/>		
7/31/2022	6.62	Auto Update	<input type="checkbox"/>		
7/30/2022	6.69	Auto Update	<input type="checkbox"/>		
7/29/2022	6.62	Auto Update	<input type="checkbox"/>		
7/28/2022	7.04	Demand Update	<input type="checkbox"/>		
7/27/2022	6.69	Auto Update	<input type="checkbox"/>		
7/26/2022	6.28	Auto Update	<input type="checkbox"/>		
7/25/2022	6.76	Auto Update	<input type="checkbox"/>		
7/24/2022	6.74	Auto Update	<input type="checkbox"/>		
7/23/2022	6.92	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
7/22/2022	7.53	Auto Update	<input type="checkbox"/>		
7/21/2022	7.46	Auto Update	<input type="checkbox"/>		
7/20/2022	7.99	Demand Update	<input type="checkbox"/>		Engine offline between 6/25/22 and 7/19/22
6/24/2022	5.77	Auto Update	<input type="checkbox"/>		
6/23/2022	5.94	Auto Update	<input type="checkbox"/>		
6/22/2022	5.73	Auto Update	<input type="checkbox"/>		
6/21/2022	5.60	Auto Update	<input type="checkbox"/>		
6/20/2022	5.55	Auto Update	<input type="checkbox"/>		
6/19/2022	6.18	Auto Update	<input type="checkbox"/>		
6/18/2022	5.69	Auto Update	<input type="checkbox"/>		
6/17/2022	6.26	Auto Update	<input type="checkbox"/>		
6/16/2022	5.94	Auto Update	<input type="checkbox"/>		
6/15/2022	6.44	Auto Update	<input type="checkbox"/>		
6/14/2022	7.04	Auto Update	<input type="checkbox"/>		
6/13/2022	6.28	Auto Update	<input type="checkbox"/>		
6/12/2022	6.72	Auto Update	<input type="checkbox"/>		
6/11/2022	7.15	Auto Update	<input type="checkbox"/>		
6/10/2022	7.08	Auto Update	<input type="checkbox"/>		
6/9/2022	6.48	Auto Update	<input type="checkbox"/>		
6/8/2022	6.19	Auto Update	<input type="checkbox"/>		
6/7/2022	7.19	Auto Update	<input type="checkbox"/>		
6/6/2022	6.61	Auto Update	<input type="checkbox"/>		
6/5/2022	6.21	Auto Update	<input type="checkbox"/>		
6/4/2022	6.28	Auto Update	<input type="checkbox"/>		
6/3/2022	6.33	Auto Update	<input type="checkbox"/>		
6/2/2022	6.83	Auto Update	<input type="checkbox"/>		
6/1/2022	6.76	Auto Update	<input type="checkbox"/>		
5/31/2022	6.92	Auto Update	<input type="checkbox"/>		
5/30/2022	7.00	Auto Update	<input type="checkbox"/>		
5/29/2022	7.33	Auto Update	<input type="checkbox"/>		
5/28/2022	7.82	Auto Update	<input type="checkbox"/>		
5/27/2022	7.55	Auto Update	<input type="checkbox"/>		
5/26/2022	7.73	Auto Update	<input type="checkbox"/>		
5/25/2022	7.44	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
5/24/2022	6.98	Auto Update	<input type="checkbox"/>		
5/23/2022	7.44	Auto Update	<input type="checkbox"/>		
5/22/2022	7.55	Auto Update	<input type="checkbox"/>		
5/21/2022	7.63	Auto Update	<input type="checkbox"/>		
5/20/2022	7.28	Auto Update	<input type="checkbox"/>		
5/19/2022	7.41	Auto Update	<input type="checkbox"/>		
5/18/2022	7.64	Auto Update	<input type="checkbox"/>		
5/17/2022	7.67	Auto Update	<input type="checkbox"/>		
5/16/2022	6.97	Auto Update	<input type="checkbox"/>		
5/15/2022	6.74	Auto Update	<input type="checkbox"/>		
5/14/2022	6.52	Auto Update	<input type="checkbox"/>		
5/13/2022	7.38	Auto Update	<input type="checkbox"/>		
5/12/2022	5.96	Auto Update	<input type="checkbox"/>		
5/11/2022	5.22	Auto Update	<input type="checkbox"/>		
5/10/2022	6.12	Auto Update	<input type="checkbox"/>		
5/9/2022	6.62	Auto Update	<input type="checkbox"/>		
5/8/2022	7.10	Auto Update	<input type="checkbox"/>		
5/7/2022	7.56	Auto Update	<input type="checkbox"/>		
5/6/2022	6.89	Auto Update	<input type="checkbox"/>		
5/5/2022	7.65	Auto Update	<input type="checkbox"/>		
5/4/2022	7.74	Auto Update	<input type="checkbox"/>		
5/3/2022	7.51	Auto Update	<input type="checkbox"/>		
5/2/2022	8.02	Auto Update	<input type="checkbox"/>		
5/1/2022	7.55	Auto Update	<input type="checkbox"/>		
4/30/2022	7.04	Auto Update	<input type="checkbox"/>		
4/29/2022	6.86	Demand Update	<input type="checkbox"/>		
4/28/2022	7.41	Auto Update	<input type="checkbox"/>		
4/27/2022	6.87	Auto Update	<input type="checkbox"/>		
4/26/2022	6.50	Auto Update	<input type="checkbox"/>		
4/25/2022	7.20	Auto Update	<input type="checkbox"/>		
4/24/2022	8.47	Auto Update	<input type="checkbox"/>		
4/23/2022	8.09	Auto Update	<input type="checkbox"/>		
4/22/2022	6.69	Auto Update	<input type="checkbox"/>		
4/21/2022	8.16	Auto Update	<input type="checkbox"/>		

CP2 Unit 2 4/1/2022 - 3/31/2023

Date	NOx Avg	Method	Excursion	Duration	Cause/Corrective Action or Comment
4/20/2022	8.11	Auto Update	<input type="checkbox"/>		
4/19/2022	8.27	Auto Update	<input type="checkbox"/>		
4/18/2022	7.81	Auto Update	<input type="checkbox"/>		
4/17/2022	6.84	Auto Update	<input type="checkbox"/>		
4/16/2022	7.55	Auto Update	<input type="checkbox"/>		
4/15/2022	7.85	Auto Update	<input type="checkbox"/>		
4/14/2022	7.32	Auto Update	<input type="checkbox"/>		
4/13/2022	6.62	Auto Update	<input type="checkbox"/>		
4/12/2022	6.48	Auto Update	<input type="checkbox"/>		
4/11/2022	8.73	Auto Update	<input type="checkbox"/>		
4/10/2022	8.35	Auto Update	<input type="checkbox"/>		
4/9/2022	8.72	Auto Update	<input type="checkbox"/>		
4/8/2022	14.94	Auto Update	<input type="checkbox"/>		Engine offline between 4/1/22 and 4/7/22

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
04/25/22	No Smoke	No Smoke	No Smoke
05/24/22	No Smoke	No Smoke	No Smoke
06/28/22	No Smoke	No Smoke	No Smoke
07/29/22	No Smoke	No Smoke	No Smoke
08/31/22	No Smoke	No Smoke	No Smoke
09/30/22	No Smoke	No Smoke	No Smoke
10/28/22	No Smoke	No Smoke	No Smoke
11/03/22	No Smoke	No Smoke	No Smoke
12/08/22	No Smoke	No Smoke	No Smoke
01/11/23	No Smoke	No Smoke	No Smoke
02/28/23	No Smoke	No Smoke	No Smoke
03/29/23	No Smoke	No Smoke	No Smoke

Gas Plant 2

Date	C-201	C-202
04/04/22	No Smoke	No Smoke
05/06/22	No Smoke	No Smoke
06/03/22	No Smoke	No Smoke
07/01/22	No Smoke	No Smoke
08/02/22	No Smoke	No Smoke
09/08/22	No Smoke	No Smoke
10/03/22	No Smoke	No Smoke
11/02/22	No Smoke	No Smoke
12/05/22	No Smoke	No Smoke
01/11/23	No Smoke	No Smoke
02/07/23	No Smoke	No Smoke
03/21/23	No Smoke	No Smoke

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

Gas Plant 7*

Date	High Pressure Flare	Low Pressure Flare	Heater 601A
04/09/22	No Smoke	No Smoke	No Smoke
05/06/22	No Smoke	No Smoke	No Smoke
06/02/22	No Smoke	No Smoke	No Smoke
07/01/22	No Smoke	No Smoke	No Smoke
08/02/22	No Smoke	No Smoke	No Smoke
09/02/22	No Smoke	No Smoke	No Smoke
10/01/22	No Smoke	No Smoke	No Smoke
11/01/22	No Smoke	No Smoke	No Smoke
12/01/22	No Smoke	No Smoke	No Smoke
01/02/23	No Smoke	No Smoke	No Smoke
02/03/23	No Smoke	No Smoke	No Smoke
03/03/23	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 2/14/22 and no smoke was identified.

**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.	Plug No. RM-77N			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No. A-209617				Auxiliary Water Pump A-199868				Fan C-136				
Year: 2022	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/10/2022		4/28/2022			7/20/2022					12/1/2022
PM Number:							911081094					
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							No					
Inspect/Change Spark Plugs							Yes					
Set Timing							No					
Change Air Filters							Yes					
Change Pre-Air Filters							Yes					
Inspect Hoses							Yes					
Change Hoses							No					
Inspect Belts							Yes					
Change Belts							No					
Change Fan / Water Pump							No					
Check Safety Shutdowns							Yes					
Change Converter							No					
Change O2 Sensor							No					
Inspect Fuel Control Valve							Yes					
Clean Carburetor							No					
Run-Time Hours Since Last Service							2,012					
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:		engine assessed during Quarterly Emission Screening Analysis - all systems ok		engine assessed during Quarterly Emission Screening Analysis - all systems ok			2k service					engine assessed during Quarterly Emission Screening Analysis - all systems ok
total engine hours runtime >							70,403					
Mechanic Initials		mv		mv			mv					ca
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.	Plug No. RM-77N			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No. A-209617				Auxiliary Water Pump A-199868				Fan C-136				
Year: 2023	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:				4/4/2023								
PM Number:				911109320								
Engine Oil Change				Yes								
Take Oil Sample for Analysis				No								
Engine Filter Change				Yes								
Compressor Oil Change				Yes								
Compressor Filter Change				Yes								
Set Valves				Yes								
Change Ignition Timer				No								
Inspect/Change Spark Plugs				Yes								
Set Timing				No								
Change Air Filters				Yes								
Change Pre-Air Filters				Yes								
Inspect Hoses				Yes								
Change Hoses				No								
Inspect Belts				Yes								
Change Belts				No								
Change Fan / Water Pump				No								
Check Safety Shutdowns				Yes								
Change Converter				No								
Change O2 Sensor				No								
Inspect Fuel Control Valve				Yes								
Clean Carburetor				No								
Run-Time Hours Since Last Service				2,014								
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:				2k service								
total engine hours runtime >				72,417								
Mechanic Initials				ca								
Test Converter	Date											
	Result											
	Operator Initials											

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

Engine Location: Compressor Plant No. 2, Engine 2							Engine I.D.: Waukesha 5790GU					
Oil Filter No.	Plug No. RM-77N			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No. A-209617			Auxiliary Water Pump A-199868				Fan C-136					
Year: 2022	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:			3/16/2022	4/28/2022			7/6/2022				11/2/2022	
PM Number:			911064383				911079231				911092168	
Engine Oil Change			Yes				Yes				Yes	
Take Oil Sample for Analysis			No				No				No	
Engine Filter Change			Yes				Yes				Yes	
Compressor Oil Change			No				No				No	
Compressor Filter Change			Yes				Yes				Yes	
Set Valves			Yes				Yes				Yes	
Change Ignition Timer			No				No				No	
Inspect/Change Spark Plugs			Yes				Yes				Yes	
Set Timing			No				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			Yes				Yes				Yes	
Change Belts			Yes				No				No	
Change Fan / Water Pump			No				No				No	
Check Safety Shutdowns			Yes				Yes				Yes	
Change Converter			No				No				No	
Change O2 Sensor			No				No				No	
Inspect Fuel Control Valve			Yes				Yes				Yes	
Clean Carburetor			No				No				No	
Run-Time Hours Since Last Service			1,983				1,881				1904	
Engine RPM												
<i>(Permit Limit: _____)</i>												
Other Notes/Corrections:			2k service, changed belts	engine assessed during Quarterly Emission Screening Analysis - all systems ok			2k service				2K service	
total engine hours runtime >			66,775				68,656				70,560	
Mechanic Initials			mv	mv			mv				jt	
Test Converter	Date											
	Result											
	Operator Initials											

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

Engine Location: Compressor Plant No. 2, Engine 2										Engine I.D.: Waukesha 5790GU		
Oil Filter No.	Plug No. RM-77N			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No. A-209617				Auxiliary Water Pump A-199868				Fan C-136				
Year: 2023	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:			3/7/2023									
PM Number:			911106113									
Engine Oil Change			Yes									
Take Oil Sample for Analysis			No									
Engine Filter Change			Yes									
Compressor Oil Change			Yes									
Compressor Filter Change			Yes									
Set Valves			Yes									
Change Ignition Timer			No									
Inspect/Change Spark Plugs			Yes									
Set Timing			No									
Change Air Filters			Yes									
Change Pre-Air Filters			Yes									
Inspect Hoses			Yes									
Change Hoses			No									
Inspect Belts			Yes									
Change Belts			No									
Change Fan / Water Pump			No									
Check Safety Shutdowns			Yes									
Change Converter			No									
Change O2 Sensor			No									
Inspect Fuel Control Valve			Yes									
Clean Carburetor			No									
Run-Time Hours Since Last Service			2,023									
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:			2k service									
total engine hours runtime >			72,583									
Mechanic Initials			ca									
Test Converter	Date											
	Result											
	Operator Initials											

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

Engine Location: GP2 Unit C-201							Engine I.D.: Waukesha F3521GL					
Oil Filter No.	Plug No. RTM77N			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No.: A168540 Qty. 2		Auxiliary Water Pump 3VX800 Qty. 2				Fan						
Year: 2022	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:	1/20/2022			4/20/2022		6/21/2022	7/28/2022			10/5/2022		
PM Number:	911061307			911071553		911078080				911087252		
Engine Oil Change	No			Yes		No				Yes		
Take Oil Sample for Analysis	No			No		No				No		
Engine Filter Change	Yes			Yes		No				Yes		
Compressor Oil Change	No			No		No				No		
Compressor Filter Change	No			No		No				No		
Set Valves	No			Yes		No				Yes		
Change Ignition Timer	No			No		No				No		
Inspect/Change Spark Plugs	Yes			Yes		Yes				Yes		
Set Timing	No			No		No				No		
Change Air Filters	No			Yes		No				Yes		
Change Pre-Air Filters	Yes			Yes		Yes				Yes		
Inspect Hoses	Yes			Yes		Yes				Yes		
Change Hoses	No			No		No				No		
Inspect Belts	Yes			Yes		Yes				Yes		
Change Belts	No			No		No				No		
Change Fan / Water Pump	No			No		No				No		
Check Safety Shutdowns	No			Yes		Yes				Yes		
Change Converter	No			No		No				No		
Change O2 Sensor	No			No		No				No		
Inspect Fuel Control Valve	No			Yes		Yes				Yes		
Clean Carburetor	No			No		No				No		
Run-Time Hours Since Last Service	1,116			1,917		1,053				1,965		
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:	1k service			2k service		1k service	engine assessed during Quarterly Emission Screening Analysis - all systems ok			2k service		
engine overhaul 8/27/2010												
total engine hours runtime >	65,241			66,042		67,095				68,007		
Mechanic Initials	jt			mv		mv	mv			jt		
Test Converter	Date											
	Result											
	Operator Initials											

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

Engine Location: GP2 Unit C-201								Engine I.D.: Waukesha F3521GL				
Oil Filter No.	Plug No. RTM77N			Fan Belt No. N/A			Oil Capacity _____ Gal.					
Engine Water Pump Belt No.: A168540 Qty. 2		Auxiliary Water Pump 3VX800 Qty. 2				Fan						
Year: 2023	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/10/2023										
PM Number:		911099423										
Engine Oil Change		No										
Take Oil Sample for Analysis		No										
Engine Filter Change		No										
Compressor Oil Change		No										
Compressor Filter Change		No										
Set Valves		No										
Change Ignition Timer		No										
Inspect/Change Spark Plugs		Yes										
Set Timing		No										
Change Air Filters		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		No										
Change Converter		No										
Change O2 Sensor		No										
Inspect Fuel Control Valve		No										
Clean Carburetor		No										
Run-Time Hours Since Last Service		921										
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:		1k hr service										
engine overhaul 8/27/2010												
total engine hours runtime >		68,940										
Mechanic Initials		jt										
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: 2022	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:			3/9/2022			6/1/2022		8/17/2022		10/20/2022		12/21/2022
PM Number:			911065888			900825099		911081328		9110907		911097543
Engine Oil Change			No			Yes		No		Yes		No
Take Oil Sample for Analysis			No			No		No		No		No
Engine Filter Change			No			Yes		No		Yes		No
Compressor Oil Change			No			No		No		No		No
Compressor Filter Change			No			Yes		No		No		No
Set Valves			No			Yes		No		Yes		No
Change Ignition Timer			No			No		No		No		No
Inspect/Change Spark Plugs			Yes			Yes		Yes		Yes		Yes
Set Timing			No			No		No		No		No
Change Air Filters			No			Yes		No		No		No
Change Pre-Air Filters			Yes			Yes		Yes		Yes		Yes
Inspect Hoses			Yes			Yes		Yes		Yes		Yes
Change Hoses			No			No		No		No		No
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 Shutdowns			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		No		Yes		No
Clean Carburetor			No			No		No		No		No
Run-Time Hours Since Last Service			1,011			1890		1,000		1,995		1,036
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:			1K service			2k service		1K Service		2k service		1k service
total engine hours runtime >			70,071			71,950		72,950		74,945		75,981
Mechanic Initials			mv			mv		mv		jt		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		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: 2023	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/15/2023										
PM Number:		911104376										
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		No										
Inspect/Change Spark Plugs		Yes										
Set Timing		No										
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		No										
Change Converter		No										
Change O2 Sensor		No										
Inspect Fuel Control Valve		No										
Clean Carburetor		No										
Run-Time Hours Since Last Service		1982										
Engine RPM												
(Permit Limit: _____)												
Other Notes/Corrections:		2000 hr service										
total engine hours runtime >		75,927										
Mechanic Initials		jt										
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: 2022	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Date:		2/14/2022										
PM Number:		911041318										
Engine Oil Change (Annually)		Yes										
Engine Filter Change (Annually)		Yes										
Inspect Air Filter (Annually)		Yes										
Replace Air Filter		No										
Inspect Hoses / Belts (Annually)		Yes										
Replace Hoses		No										
Replace Belts		No										
Replace Fan / Water Pump		No										
Other Notes/Corrections:		DRD										

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*
2022	April	47,588	482,791
2022	May	43,738	493,994
2022	June	49,324	511,776
2022	July	42,239	514,875
2022	August	33,226	518,813
2022	September	40,161	523,232
2022	October	41,783	526,477
2022	November	37,998	526,859
2022	December	44,248	518,087
2023	January	65,578	538,263
2023	February	53,410	550,202
2023	March	45,889	545,182

*Limit: 1,825 MBBL/Yr

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

Month & Year	201 MCF	12-Month Total MCF	202 MCF	12-Month Total MCF	Combined 12-Month Total MCF*
April 2022	1,962	16,376	909	18,806	35,182
May 2022	2,003	17,633	1,030	17,653	35,286
June 2022	1,365	17,206	1,559	18,167	35,373
July 2022	1,315	17,352	1,692	17,979	35,331
August 2022	1,735	17,147	1,291	18,164	35,311
September 2022	492	15,879	2,419	19,669	35,548
October 2022	1,553	16,270	1,414	19,194	35,464
November 2022	335	15,840	2,537	19,655	35,495
December 2022	1,525	16,263	1,567	19,266	35,529
January 2023	198	14,470	2,865	21,040	35,510
February 2023	1,516	14,931	1,242	20,590	35,521
March 2023	67	14,066	3,035	21,560	35,626

*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 2022	412	11,945	1,422	13,148	25,093
May 2022	0	10,859	1,864	13,602	24,461
June 2022	441	11,175	1,440	12,713	23,888
July 2022	1,205	11,699	757	11,652	23,351
August 2022	903	11,812	1,103	11,270	23,082
September 2022	0	11,292	1,832	11,729	23,021
October 2022	691	10,289	1,261	12,716	23,005
November 2022	1,827	10,208	35	12,724	22,932
December 2022	9	8,889	1,822	13,912	22,801
January 2023	406	8,748	1,475	13,738	22,486
February 2023	377	7,371	1,351	15,071	22,442
March 2023	1,171	7,442	874	15,236	22,678

*Limit: 48.0 MMCF/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 2022	50	679
May 2022	62	685
June 2022	60	683
July 2022	52	675
August 2022	63	676
September 2022	75	689
October 2022	51	691
November 2022	61	703
December 2022	74	720
January 2023	62	723
February 2023	63	736
March 2023	63	736

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 2022	14	275
May 2022	29	276
June 2022	16	278
July 2022	29	280
August 2022	15	269
September 2022	29	278
October 2022	15	279
November 2022	29	280
December 2022	27	288
January 2023	29	289
February 2023	28	289
March 2023	29	289

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/Hr Lloyd Flare MCF	205 - MMBTU/Hr Lloyd Flare MCF	Combined Month Total MCF	12-Month Total Flare Volume MCF*
April 2022	152	25	1,455	45,940
May 2022	0	43	1,361	44,278
June 2022	712	42	2,002	43,849
July 2022	1,201	130	2,610	45,311
August 2022	305	15	1,609	45,747
September 2022	0	318	1,530	35,722
October 2022	246	50	1,554	36,085
November 2022	0	34	1,206	31,645
December 2022	0	367	1,597	31,117
January 2023	0	988	2,266	29,274
February 2023	604	1,179	2,918	30,993
March 2023	11	20	1,278	21,386

*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 2022	0	14,297
May 2022	0	14,297
June 2022	0	14,297
July 2022	0	14,297
August 2022	477	14,774
September 2022	0	8,178
October 2022	0	7,653
November 2022	0	7,653
December 2022	1,193	8,846
January 2023	0	8,846
February 2023	0	8,846
March 2023	328	1,998

*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 – East
Gas Plant 6
LPG Loading Facility
Throughput-Consumption

Month & Year	LPG Throughput Gallons	12-Month Total LPG Throughput Gallons*
April 2022	618,198	8,046,774
May 2022	689,264	7,983,643
June 2022	637,876	7,885,439
July 2022	633,720	7,745,507
August 2022	722,920	7,684,746
September 2022	668,395	7,725,498
October 2022	635,217	7,671,172
November 2022	623,919	7,663,700
December 2022	581,122	7,623,163
January 2023	588,152	7,616,547
February 2023	533,646	7,549,754
March 2023	614,322	7,546,750

*Limit: 40 MMGal/Yr

Ventura County Air Pollution Control District
AERA ENERGY LLC
Permit to Operate No. 0041
Ventura Avenue Field – East
Lloyd Lease - Gas Plant No. 7
Process 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 2022	3,006	36,677
May 2022	3,122	36,506
June 2022	2,948	36,339
July 2022	3,098	36,224
August 2022	3,034	36,101
September 2022	2,866	36,202
October 2022	2,929	35,985
November 2022	2,920	35,956
December 2022	3,090	35,924
January 2023	3,090	35,841
February 2023	2,804	35,733
March 2023	3,139	36,046

*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 – Central
Taylor Lease
Mixing Pit Use
Hours of Operation

Reporting Period	Monthly Operation	
Month & Year	Total Hours of Operation	12-Month Total*
April 2022	9.0	92.1
May 2022	11.0	93.9
June 2022	18.3	106.9
July 2022	8.3	111.4
August 2022	3.4	102.9
September 2022	4.0	99.2
October 2022	3.5	97.8
November 2022	4.0	88.7
December 2022	0.0	81.9
January 2023	12.0	80.2
February 2023	7.0	87.2
March 2023	7.0	87.5

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

Ventura County Air Pollution Control District
AERA ENERGY LLC
Permit to Operate No. 0041
Ventura Avenue Field
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*
2022	April	2,601	35,587
2022	May	5,950	31,880
2022	June	0	31,629
2022	July	0	30,656
2022	August	392	30,794
2022	September	7,596	33,315
2022	October	6,873	33,385
2022	November	1,042	34,427
2022	December	4,474	35,307
2023	January	20,037	55,344
2023	February	6,180	61,424
2023	March	19,161	74,306

*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*
2022	April	47,588	482,791
2022	May	43,738	493,994
2022	June	49,324	511,776
2022	July	42,239	514,875
2022	August	33,226	518,813
2022	September	40,161	523,232
2022	October	41,783	526,477
2022	November	37,998	526,859
2022	December	44,248	518,087
2023	January	65,578	538,263
2023	February	53,410	550,202
2023	March	45,889	545,182

*Limit: 1,825 MBBL/Yr

2.0 Summary of Results

Alliance conducted compliance testing at Aera’s Gas Plant 7 located in Ventura, California on July 14, 2022. Testing consisted of determining the emission rates NO_x and CO from the exhausts of one (1) BYIS Heater No. 601A.

Table 2-1 provides a summary of the emission testing results with comparisons to the applicable VCAPCD permit limits. This table also provides a summary of the process operating and control system data collected during testing. Any difference between the summary results listed in the following table(s) and the detailed results contained in appendices is due to rounding for presentation.

**Table 2-1: Summary of Results – BYIS Heater No. 601A
Permit to Operate No. 00041**

Run Number	Run 1	Run 2	Run 3	Average
Date	7/14/22	7/14/22	7/14/22	--
Nitrogen Oxide Data				
Concentration, ppmvd @ 3% O ₂	10	10	10	10
Permit Limit, ppmvd @ 3% O ₂	--	--	--	12
Percent of Limit, %	--	--	--	83
Emission Rate, lb/hr	0.05	0.05	0.05	0.05
Permit Limit, lb/hr	--	--	--	0.12
Percent of Limit, %	--	--	--	44
Carbon Monoxide Data				
Concentration, ppmvd @ 3% O ₂	289	271	292	284
Permit Limit, ppmvd @ 3% O ₂	--	--	--	400
Percent of Limit, %	--	--	--	71
Emission Rate, lb/hr	0.92	0.88	0.97	0.92
Permit Limit, lb/hr	--	--	--	2.36
Percent of Limit, %	--	--	--	39

**Table 2-2: Summary of Results – IC Engine No. C-202
Permit to Operate No. 00041**

Run Number	Run 1	Run 2	Run 3	Average
Date	5/4/22	5/4/22	5/4/22	--
Nitrogen Oxide Data				
Concentration, ppmvd @ 15% O ₂	28	26	26	27
Permit Limit ppmvd @ 15% O ₂	--	--	--	45
Percent of Limit, %	--	--	--	60
Emission Rate, lb/hr	0.44	0.40	0.41	0.42
Emission Factor, lb/MMcf	108.75	99.43	100.34	102.84
Emission Factor, lb/MMBtu	0.1046	0.0956	0.0965	0.0989
Carbon Monoxide Data				
Concentration, ppmvd @ 15% O ₂	296	301	298	298
Permit Limit ppmvd @ 15% O ₂	--	--	--	2500
Percent of Limit, %	--	--	--	12
Emission Rate, lb/hr	2.79	2.84	2.80	2.81
Emission Factor, lb/MMcf	688.11	699.77	692.61	693.50
Emission Factor, lb/MMBtu	0.6616	0.6729	0.6660	0.6668
Reactive Organic Compound Data				
Concentration, ppmvd @ 15% O ₂	44	42	38	41
Permit Limit ppmvd @ 15% O ₂	--	--	--	750
Percent of Limit, %	--	--	--	6
Emission Rate, lb/hr	0.24	0.22	0.20	0.22
Emission Factor, lb/MMcf	59.18	55.41	50.06	54.88
Emission Factor, lb/MMBtu	0.0570	0.0533	0.0482	0.0528

**Table 2-3: Summary of Results – IC Engine No. C-201
Permit to Operate No. 00041**

Run Number	Run 1	Run 2	Run 3	Average
Date	5/5/22	5/5/22	5/5/22	--
Nitrogen Oxide Data				
Concentration, ppmvd @ 15% O ₂	32	32	31	31
Permit Limit ppmvd @ 15% O ₂	--	--	--	45
Percent of Limit, %	--	--	--	70
Emission Rate, lb/hr	0.50	0.49	0.47	0.49
Emission Factor, lb/MMcf	121.79	120.68	116.49	119.65
Emission Factor, lb/MMBtu	0.1171	0.1160	0.1120	0.1151
Carbon Monoxide Data				
Concentration, ppmvd @ 15% O ₂	284	283	283	283
Permit Limit ppmvd @ 15% O ₂	--	--	--	2500
Percent of Limit, %	--	--	--	11
Emission Rate, lb/hr	2.69	2.66	2.68	2.68
Emission Factor, lb/MMcf	660.35	657.50	658.91	658.92
Emission Factor, lb/MMBtu	0.6350	0.6322	0.6336	0.6336
Reactive Organic Compound Data				
Concentration, ppmvd @ 15% O ₂	35	37	34	35
Permit Limit ppmvd @ 15% O ₂	--	--	--	750
Percent of Limit, %	--	--	--	5
Emission Rate, lb/hr	0.19	0.20	0.19	0.19
Emission Factor, lb/MMcf	46.24	48.55	45.69	46.83
Emission Factor, lb/MMBtu	0.0445	0.0467	0.0440	0.0451

Order 911064516 PREV Preventative Maintenance
 Description VN-APCD RULE 64 REQUIREMENTS GAS PLANT 7
 Start /End date 04/05/2022 - 10/02/2022
 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: *4-9-22*
 AS FOUND: *N/A*
 AS LEFT: *Took sample and it was 0.2 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
	5919309			
<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 Environmental Advisor/CAS so test method (South Coast AQMD Method 307-94 or ASTM D1072-90) can be run to determine compliance.

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

End of report



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