

NEBRASKA

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DEPT. OF ENVIRONMENT AND ENERGY

CERTIFIED MAIL

AltEn, LLC
Scott Tinglehoff, Legal & Regulatory Compliance/Plant Manager
1344 County Road 10
Mead, NE 68041-4036

AUG 08 2019

NOTICE OF VIOLATION

RE: Facility # 84069

Dear Mr. Tinglehoff:

This Notice of Violation (NOV) is issued to AltEn, LLC (AltEn) based upon violations of Nebraska Air Quality Regulations (Title 129, Chapters 5 & 35) and your Air Quality Operating Permit (OP16S2-001, issued May 23, 2019) which are based on observations documented during an on-site performance test audit on July 24, 2019. A copy of the inspection report is enclosed. The basis for this NOV is as follows:

1. Failure to control volatile organic compound (VOC) and hazardous air pollutants (HAP) from emissions from the fermentation process. [Operating Permit OP16S2-001 – Permit Condition III.(B)(4)(a) and I.(I)]. Department staff noted a strong VOC odor and conducted screening with an infrared optical gas imaging camera (FLIR GF320) which showed VOC and HAP emissions were venting from the pressure relief valves (PRV) located on the northeast fermenter (EU-29) and beer well (EU-44).
2. Failure to control VOC and HAP emissions from the denatured ethanol storage tank (EU-TK-810) [Operating Permit OP16S2-001 – Permit Condition III.(C)(4) and Standard Condition I.(I)]. Observation with the FLIR GF320 showed VOC and HAP were coming from a vent located on the side of the storage tank.
3. Failure to submit a notification of deviation from permit for the beer well overflow incident described in the report that occurred before July 24, 2019 [Operating Permit OP16S2-001 – Permit Condition II.(A)(2)(a)].
4. Failure to continuously monitor and record actual chemical addition flow rate using the DCS as required [Operating Permit OP16S2-001 – Permit Condition III.(B)(4)(b)(iii)(2)]. Chemical addition set rate and chemical drawdowns performed did not match the historical recordings on the Distributed Control System (DCS).

AltEn shall perform the following tasks:

1. **Immediately** fix leaking PRVs at fermentation tank and beer well.

Department of Environment and Energy

P.O. Box 98922
Lincoln, Nebraska 68509-8922

Jim Macy, Director

OFFICE 402-471-2186 FAX 402-471-2909
ndeq.moreinfo@nebraska.gov

Pete Ricketts, Governor



2. **Within 30 day of receipt of this letter** fix the leak coming from the vent on the side of the denatured ethanol storage tank and schedule a NSPS Kb tank inspection.
3. **Within 90 days of receipt of this letter** complete a NSPS Kb tank inspection, address any corrective actions needed, and submit the tank inspection results to the Department.
4. **Within 30 days of receipt of this letter** submit the excess emissions reports in accordance with the requirements of your operating permit and Title 129 – Chapter 35 pertaining to the PRV leaks, denatured ethanol storage venting and the beer well tank overflow incident.
5. **Within 30 days of receipt of this letter.** Verify that the DCS is continuously monitoring and recording the actual chemical addition flow rate as required in condition III.(B)(4)(b)(iii)(2). Although a FTIR CEMs is being certified, this information is required to be recorded for periods of monitor downtime.

These violations are being considered for further enforcement action. Enforcement action may include issuance of an administrative order or referral to the Attorney General seeking penalties of up to \$10,000 per day for each violation.

If you have any questions, please contact me at (402) 471-4299 or Todd Ellis at (402) 471-4561.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin Stoner', with a long horizontal flourish extending to the right.

Kevin Stoner
Administrator
Air Quality Division