

Facility: AltEn
IIS: 84069
PCS: NE0137634

Mark Pomajzl
4/23/2021

Site Visit Check list

Weather conditions: Partly Cloudy
Temperature: 55 F
Wind: Northwest 10-15 (MPH)
Precipitation: 0.0

A. Berms (the numbers below match the attached map) Circling yes indicates the area was inspected.

- | | | |
|--|--------------------------------------|---|
| 1. Northeast side of the administration building | <input checked="" type="radio"/> Yes | No (<input checked="" type="radio"/> pumped / <input checked="" type="radio"/> not pumped) |
| 2. Southwest side of the south lagoon | <input checked="" type="radio"/> Yes | No (<input checked="" type="radio"/> pumped / <input checked="" type="radio"/> not pumped) |
| 3. West side of the northwest lagoon | <input checked="" type="radio"/> Yes | No (<input checked="" type="radio"/> pumped / <input checked="" type="radio"/> not pumped) |
| 4. North side of the north wet cake pile | <input checked="" type="radio"/> Yes | No – No water accumulation |
| 5. County Road 10 (Hoop building). | <input checked="" type="radio"/> Yes | No (<input checked="" type="radio"/> pumped / <input checked="" type="radio"/> not pumped) |
| 6. East wet cake pile | <input checked="" type="radio"/> Yes | No (<input checked="" type="radio"/> pumped / <input checked="" type="radio"/> not pumped) |

Comments:

- Area 1 contains two berms. The east berm has been expanded to prevent parking lot water from entering the berm area. I observed no seepage from the east or west berm.
- Areas 2, 3, 4 and 5 show no seepage. Area 5 needs to be recompacted.
- Area 6 shows signs of seepage. Mr. Egr is mixing accumulated water from behind the berm and hauling to the west storage area. The water level is beginning to recede.

B. Lagoons

- Northeast lagoon

- The water level continues to lower. There is erosion observed behind torn liner on the north dike of the northeast lagoon (see photo log).

- Northwest lagoon

- There are two floating liners. The water level continues to lower some.

- South lagoon

- The water level continues to lower.



C. Biochar

- The facility has placed all biochar bags into the south hoop building. The flat bed truck is empty and parked in front of the south hoop building.
- The area continues to have housekeeping concerns.

D. Notes

- I observed a truck washout (Mead Cattle) discharging into the storm water ditch (see photo log).
- There is lots of trash and debris between the hoop buildings.



Photo: 1

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 1 on the site map

Direction Facing: Northeast

Description: This photo depicts Area 1. This is the east berm. The berm has been extended south to reduce the amount of storm water from entering the berm.



Photo: 2

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 1 on the site map

Direction Facing: South

Description: This photo depicts the east berm on Area 1. There is only minimal water accumulation.



Photo: 3

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 1 on the site map

Direction Facing: Southwest

Description: This photo is the west berm. This berm contains the south wet cake pile. There is minor accumulation and no seepage observed.



Photo: 4

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 2 on the site map

Direction Facing: West

Description: This photo is the southwest side of the south lagoon. The facility has recompacted the area and installed a gate.



Photo: 5

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 2 on the site map

Direction Facing: West

Description: This photo is the southwest side of the south lagoon. There is some water accumulation and no seepage observed.



Photo: 6

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 3 on the site map

Direction Facing: West

Description: This photo depicts water accumulation. There are no signs of seepage.



Photo: 7

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 3 on the site map

Direction Facing: South

Description: This photo depicts the north side of the Area 3 berm. There is no seepage observed.



Photo: 8

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 4 on the site map

Direction Facing: East

Description: There is no water accumulation observed.



Photo: 9

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 5 on the site map

Direction Facing: South

Description: This is the north side of the Area 5. The berm needs to be reinforced (arrow).



Photo: 10

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 5 on the site map

Direction Facing: Southeast

Description: There is some water accumulation from the previous rain event. There is no seepage observed.



Photo: 11

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 6 on the site map

Direction Facing: South

Description: There is minor signs of seepage. The facility is mixing accumulated water with wet and then hauling to the west storage area.



Photo: 12

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 6 on the site map

Direction Facing: North

Description: The facility is mixing accumulated water with wet cake and hauling to the west storage area. This photo depicts that the water levels are beginning to recede.



Photo: 13

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: West side of the south hoop building.

Direction Facing: East

Description: This photo depicts filter/sieves? There is residual grain dust and grain on these items.



Photo: 14

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: West side of the south hoop building.

Direction Facing: East

Description: This photo depicts filter/sieves? There is residual grain dust and grain on these items.



Photo: 15

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Northwest lagoon

Direction Facing: Southwest

Description: This photo depicts that the lagoon level continues to lower.



Photo: 16

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Dike between the northeast and northwest lagoon

Direction Facing: Southwest

Description: This photo depicts lowering levels.



Photo: 17

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: North side of the northeast lagoon.

Direction Facing: Southwest

Description: This photo depicts are tear in the liner. **Please see next photo.**



Photo: 18

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: North side of the northeast lagoon.

Direction Facing: Southwest

Description: This photo depicts behind the torn liner. There is an area of erosion observed.



Photo: 19

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: West dike of the northwest lagoon

Direction Facing: East

Description: This photo depicts the northwest lagoon depth gauge.



Photo: 20

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Northeast lagoon

Direction Facing: West

Description: Northeast lagoon depth gauge.



Photo: 21

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: South lagoon

Direction Facing: West

Description: South lagoon depth gauge.

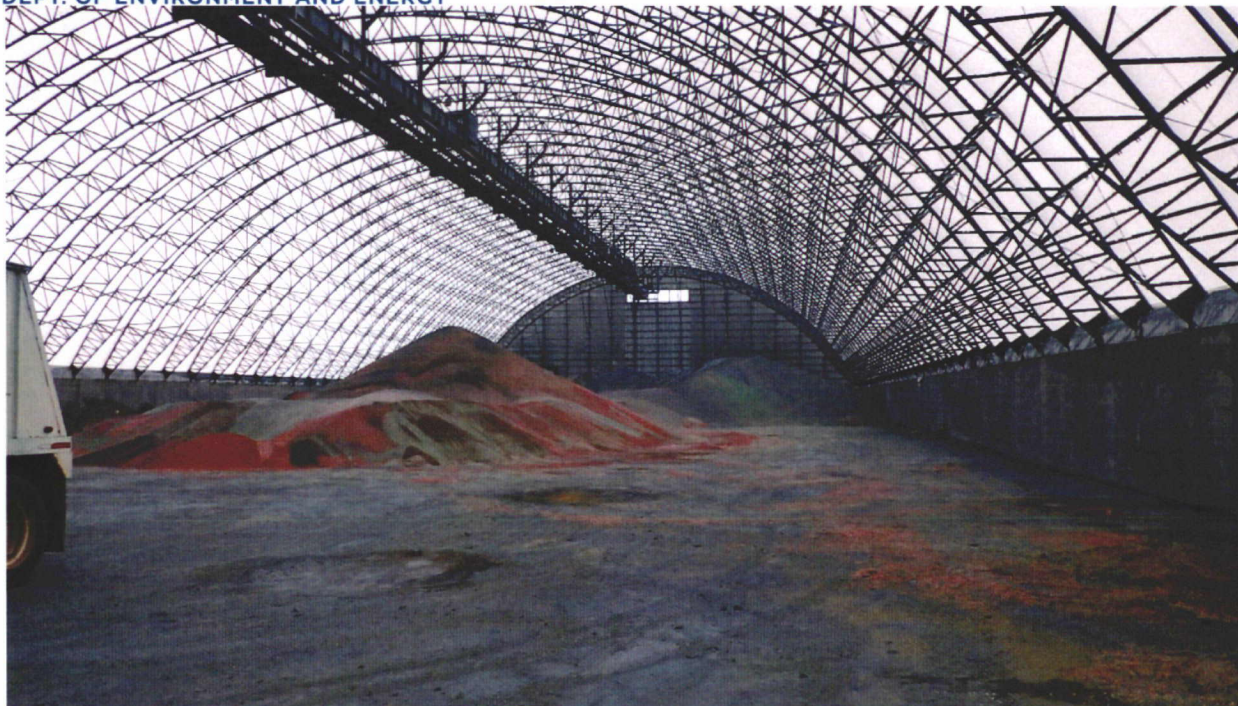


Photo: 22

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: North hoop building

Direction Facing: West

Description: This is a photo of a left-over pile of seed corn inside the north hoop building.



Photo: 23

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Hoop buildings

Direction Facing: South

Description: The facility has emptied the remaining supersacks. The flatbed is now empty and stored east of the hoop building.



Photo: 24

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Hoop building

Direction Facing: North

Description: These are fans that according to Mr. Peterson had never been installed. Mr. Peterson stated that the facility is going to be selling them.



Photo: 25

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Hoop building

Direction Facing: Northeast

Description: Trash and debris outside the hoop building.



Photo: 26

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Hoop building

Direction Facing: North

Description: Trash and debris outside the hoop building.



Photo: 27

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Hoop building

Direction Facing: Northeast

Description: Tubing and trash outside the hoop building.



Photo: 28

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Hoop building

Direction Facing: North

Description: This is a piece of flashing. I looked at the roof prove that it came from the hoop building roof. Mr. Peterson stated he would investigate.



Photo: 29

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: East

Description: This photo depicts trash and debris south of the Biochar unit.



Photo: 30

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: South

Description: This photo depicts spilled biochar (arrow).



Photo: 31

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: South

Description: This photo depicts spilled biochar south of the biochar unit.



Photo: 32

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: West

Description: This photo depicts spilled biochar south of the biochar unit.



Photo: 32

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: North

Description: This photo depicts trashed pallets.



Photo: 33

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: South

Description: This photo depicts old wet cake. The wet cake is not in containment and would wash out south of the biochar during rain events.



Photo: 34

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: North

Description: This photo depicts an orange discharge that had killed vegetation and accumulated in the drainage ditch.



Photo: 35

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: Southeast

Description: This photo depicts a discharge from Clean Harbors. Clean Harbor staff stated this discharge is sludge from the bottom of the Poseidon tanks.



Photo: 36

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: East

Description: This photo depicts caustic chemicals stored without containment.



Photo: 37

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: East

Description: This photo depicts a carbon chemical used for treatment spilled on the ground.



Photo: 38

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: East

Description: This photo depicts a granular chemical used for treatment spilled on the ground. None of the chemicals are stored in containment.



Photo: 39

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Biochar Process

Direction Facing: South

Description: This photo depicts that containment is used for chemicals being used (arrow).



Photo: 40

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Mead Cattle (Feed Milling)

Direction Facing: North

Description: This photo depicts a containment used for Mead Cattle. This containment is for washing out cattle feed trucks.



Photo: 41

Site Visit Report

Date Taken: 4-23-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Mead Cattle (Feed Milling)

Direction Facing: South

Description: This photo depicts the discharge from the truck washout. The discharge enters the drainage ditch and culvert (arrow).

AltEn LLC - Storm Water Temporary BMP Check Map



Address: 11344 County Road 10, Mead NE
 NDEQ ID: 84069
 Program ID: NE0137634



Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: NE0137634 NDEE Notification #: _____☒ Inspection/Other ☐ Compliance Assistance Visit (CAV) ☐ Permit Assistance Visit (PAV)Facility/Operation Name: AIKE, EN LLC

Address _____

City/Town: MEAD, County Summers, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Ken Peterson

Inspector Phone No E-Mail address

Mark Pomajzl 402-471-2936 mark.pomajzl@nebraska.gov@nebraska.gov

Mailing Address: Department of Environment and Energy, PO Box 98922, Lincoln, Nebraska 68509-8922

Inspection Date: 4-23-21 Start Time: 10:05 End Time: 12:02☐ No concerns observed☐ Further agency discussion needed to determine compliance☒ Concerns observed:Area 1 - OK *MEAD Cattle Washout - DischargingArea 2 - OK, new gate (closed) to ALLEN propertyArea 3 - OKArea 4 - OKArea 5 - OK (Needs to be reinforced)Area 6 -> Some Seepage observed *MT. Egr remains Some wet cake*South Lagoon - ~~Some~~ OK *Northwest - Two Whales - no change*Northeast Lagoon - OK *Buchan ^{area} needs to be cleared☒ Actions to be performed immediately or as soon as reasonably practical:- Clean Buchan Area (Housekeeping)- Monitor Seepage at Area 6- Recompact portions of Area 5 - North side of Containment

Please notify the Inspector when the above actions are completed.

The Department will provide a final inspection report within an agency average of 14 days of the inspection date. The final inspection report will contain a complete list of any alleged violations. This inspection exit summary does not preclude any other legal action by the Nebraska Department of Environment and Energy and your prompt attention to the documented concerns will be considered in assessment of your voluntary compliance. This summary was left

with: Ken Peterson. Please contact the Inspector if you have any questions concerning this inspection and assistance exit summary.

Mark Pomajzl
Inspector Signature

Signing this document is not an admission of liability by the facility.

Ken Peterson
Inspection Contact Signature