

Facility: AltEn, LLC

IIS: 84069

PCS: NE0137634

Mark Pomajzl

5/3/2021

Site Visit Check list

Weather conditions: Showers

Temperature: 60 F

Wind: Northwest 5-10 (MPH)

Precipitation: 0.50 inches

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 (pumped / <input checked="" type="radio"/> not pumped) |
| 2. Southwest side of the south lagoon | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped) |
| 3. West side of the northwest lagoon | <input checked="" type="radio"/> Yes | No (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 (pumped / <input checked="" type="radio"/> not pumped) |
| 6. East wet cake pile | <input checked="" type="radio"/> Yes | No (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. There is minimal water accumulation.
- Areas 2, 3, 4 and 5 has some water accumulation. No seepage observed.
- Area 6 is containing water. There is some seepage observed.

B. Lagoons

1. Northeast lagoon

- No change with the liners.
- The water level continues to lower.

2. Northwest lagoon

- The water level is starting to drop below the equalization pipe. The lagoon continues to lower.

3. South lagoon

- The water level continues to lower. The equalization pipe is visible.



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C. Biochar

- Spilled biochar product.
- Trash and debris observed.

D. Notes

- There is trash and debris observed north of the hoop building, including a pile of cement, plastic and wood.
- There is residual seed on the ground near the grain storage area, see photos 16 through 19.

Photos



Photo: 1

Site Visit Report

Date Taken: 5-3-21

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 is the east berm. The berm has been extended and is keeping excess water from entering the berm area (arrow).



Photo: 2

Site Visit Report

Date Taken: 5-3-21

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 is the west berm. The berm is surrounding the south wet cake pile. There are no signs of seepage and is containing water.



Photo: 3

Site Visit Report

Date Taken: 5-3-21

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 is the west berm. The berm is surrounding the south wet cake pile. There are no signs of seepage and the berm is containing water.



Photo: 4

Site Visit Report

Date Taken: 5-3-21

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: The facility has created a berm that is also an entrance to the south lagoon. The berm is holding water. There are no signs of seepage.



Photo: 5

Site Visit Report

Date Taken: 5-3-21

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: The facility has added additional soil to prevent seepage. The pooled water appears to be from the rain event and not from seepage.



Photo: 6

Site Visit Report

Date Taken: 5-3-21

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: Northeast

Description: There are no signs of seepage. The water to the left of the berm appears to be pooled rain water (arrow).



Photo: 7

Site Visit Report

Date Taken: 5-3-21

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: This photo depicts the berm along the east wet cake pile. There is water accumulation behind the secondary berm and only minimal water accumulation behind the main berm (arrow).



Photo: 8

Site Visit Report

Date Taken: 5-3-21

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: This photo depicts the berm along the east wet cake pile. Wet cake is up against the berm. There is signs of seepage (arrow).



Photo: 9

Site Visit Report

Date Taken: 5-3-21

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: West

Description: This photo depicts the northwest corner of the east wet cake pile. There is no berm and there is water accumulation north of the pile.

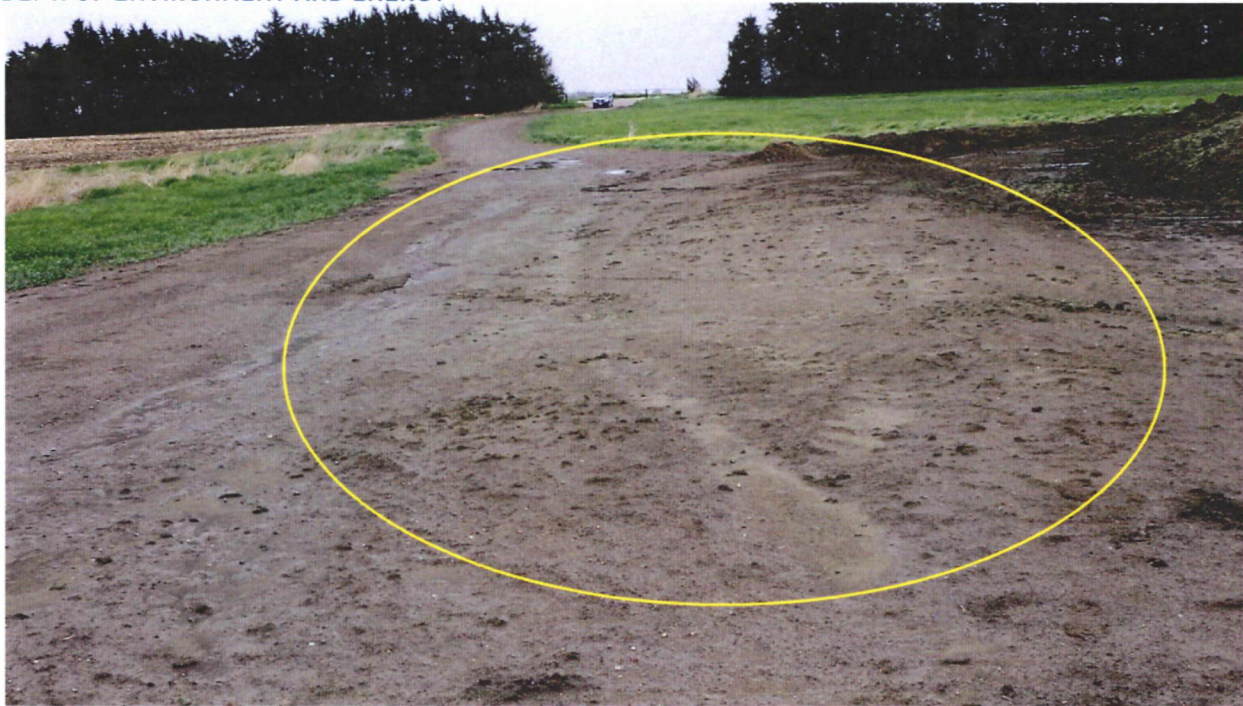


Photo: 10

Site Visit Report

Date Taken: 5-3-21

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: East

Description: This photo depicts wet cake residue. The facility has recently moved some wet cake to the west storage area. The operation left residue on the roadway (circle).



Photo: 11

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process (Google Map)

Direction Facing: East

Description: This photo depicts spilled biochar, empty tote and trash.



Photo: 12

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process (Google Map)

Direction Facing: Southeast

Description: This photo depicts spilled biochar. Notice the silt fence (arrow).



Photo: 13

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Unit (Google Map)

Direction Facing: West

Description: This photo depicts spilled biochar from the south pad. There is spilled biochar, empty totes and trash observed.



Photo: 14

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process (Google Map)

Direction Facing: West

Description: This photo depicts spilled biochar from the east pad.



Photo: 15

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process (Google Map)

Direction Facing: South

Description: This photo depicts red staining from the biochar system into the drainage ditch. The runoff has killed vegetation. The photo also depicts pallets, totes and plastic debris (arrows).



Photo: 16

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Grain storage (Google Map)

Direction Facing: Northeast

Description: This photo depicts residual grain. This grain has potential to wash into the conveyance depicted in the next photo.



Photo: 17

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Grain storage (Google Map)

Direction Facing: Southwest

Description: This photo depicts the conveyance discussed in photo 16. Runoff conveys through this drainage and into the south ditch (arrow).



Photo: 18

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Grain storage (Google Map)

Direction Facing: South

Description: This photo depicts residual seed. This seed also drains into the conveyance discussed in photos 17 and 18.



Photo: 19

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Grain storage (Google Map)

Direction Facing: East

Description: This photo depicts wet cake inside a shoot. This shoot was used to transfer wetcake to the staging area before being hauled to storage.



Photo: 20

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: East

Description: This photo depicts the northwest lagoon depth gauge.



Photo: 21

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side between the northeast and northwest lagoon.

Direction Facing: South

Description: This photo depicts the equalization pipe. Water is observed flowing into the northeast lagoon (arrow).



Photo: 22

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southeast corner of the northeast lagoon.

Direction Facing: Northwest

Description: This photo depicts three areas of floating liners.



Photo: 23

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southeast corner of the northeast lagoon.

Direction Facing: East

Description: This photo depicts the equalization tube between the south and northeast lagoon. The south pipe is now visible (arrow).



Photo: 24

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southeast corner of the northeast lagoon.

Direction Facing: North

Description: This photo depicts a torn liner in the middle of the northeast lagoon.



Photo: 25

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon.

Direction Facing: West

Description: This is the depth gauge of the northeast lagoon. This photo depicts the water level about 20 ft.



Photo: 26

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: West

Description: This photo depicts the south lagoon depth gauge. It appears to be just above 21 ft.



Photo: 27

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: East

Description: This photo depicts the south dike of the south lagoon. There is an area of floating liner.



Photo: 28

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North of the hoop building

Direction Facing: North

Description: This photo depicts a pile of cement and plastic barrel.



Photo: 29

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North of the hoop building

Direction Facing: North

Description: This photo depicts cement and rebar (arrow)



Photo: 30

Site Visit Report

Date Taken: 5-3-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North of the hoop building

Direction Facing: West

Description: This photo depicts wood mixed with some plastic.

AltEn LLC - Storm Water Temporary BMP Check Map



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

500 250 0 500 1,000 1,500 2,000 Feet

Google Map



Inspection and Assistance Exit Summary

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

Address _____

City/Town: MEAD, County Sarabene, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Mary Tengelhoff

| | | |
|---------------------|---------------------|----------------------------------|
| Inspector | Phone No | E-Mail address |
| <u>Mark Pomajur</u> | <u>402-471-2936</u> | <u>mark.pomajur@nebraska.gov</u> |
| | | <u>@nebraska.gov</u> |

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

Inspection Date: 5-3-21 Start Time: 10:20 End Time: 1:30 PM☐ No concerns observed ☐ Further agency discussion needed to determine compliance☒ Concerns observed:

- Area 1 - ok
- Area 2 - ok
- Area 3 - ok
- Area 4 - ok
- Area 5 - ok
- Area 6 - Some Rungs observed on the north side of the pile
- Hoop Building has a Cont. nr (Cement Waste pile)
- Biochan - Housekeeping Concerns

☒ Actions to be performed immediately or as soon as reasonably practical:

- Remove Cont. pile
- Work on Housekeeping (Biochan)

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: Scott Mylekys. Please contact the Inspector if you have any questions concerning this inspection and assistance exit summary.

Mark Pomajur
Inspector Signature

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

Scott Mylekys
Inspection Contact Signature