

Facility: AltEn  
IIS: 84069  
PCS: NE0137634

Mark Pomajzl  
4/28/2021

### Site Visit Check list

Weather conditions: Partly Cloudy  
Temperature: 55 F  
Wind: Northwest 5-10 (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 | Yes | No (pumped / not pumped)   |
| 2. Southwest side of the south lagoon            | Yes | No (pumped / not pumped)   |
| 3. West side of the northwest lagoon             | Yes | No (pumped / not pumped)   |
| 4. North side of the north wet cake pile         | Yes | No – No water accumulation |
| 5. County Road 10 (Hoop building).               | Yes | No (pumped / not pumped)   |
| 6. East wet cake pile                            | Yes | No (pumped / 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 6 shows signs of seepage along the northwest corner of the pile. There is no berm in place to contain runoff.

**B. Lagoons**

1. Northeast lagoon

- The liners note no change.
- The water level continues to lower.

2. Northwest lagoon

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

3. South lagoon

- The water level continues to lower.



**C. Biochar**

- Spilled biochar product.
- Trash and debris observed.

**D. Notes**

- There is trash and debris observed at the hoop building.

## Photos



Photo: 1

Site Visit Report

Date Taken: 4-28-21

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 south to reduce storm water from the parking lot. The berm is not compacted.



Photo: 2

Site Visit Report

Date Taken: 4-28-21

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: West

Description: This photo depicts the west berm. This berm surrounds the south wet cake pile.





Photo: 3

Site Visit Report

Date Taken: 4-28-21

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 depicts Area 2. There is some accumulated water and no signs of seepage.



Photo: 4

Site Visit Report

Date Taken: 4-28-21

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 Area 3. There is some accumulated water. The facility added dirt to prevent seepage.





Photo: 5

Site Visit Report

Date Taken: 4-28-21

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: Northeast

Description: There is no water accumulation.



Photo: 6

Site Visit Report

Date Taken: 4-28-21

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: Northwest

Description: There is some remaining water behind area 5. There are no signs of seepage.





Photo: 7

Site Visit Report

Date Taken: 4-28-21

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 that the water level has lowered considerably. There are no signs of seepage.



Photo: 8

Site Visit Report

Date Taken: 4-28-21

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: Area 6 contains a secondary berm. The berm was placed to provide additional storage prior to the waterway.





Photo: 9

Site Visit Report

Date Taken: 4-28-21

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 wet cake up against the berm.



Photo: 10

Site Visit Report

Date Taken: 4-28-21

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 wet cake seepage. It appears that wet cake is seeping north of the wet cake pile. There is no berm in this area.





Photo: 11

Site Visit Report

Date Taken: 4-28-21

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 wet cake seepage. It appears that wet cake is seeping north of the wet cake pile. There is no berm in this area.



Photo: 12

Site Visit Report

Date Taken: 4-28-21

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 photo depicts the northeast lagoon depth marker.





Photo: 13

Site Visit Report

Date Taken: 4-28-21

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 marker.



Photo: 14

Site Visit Report

Date Taken: 4-28-21

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 marker.



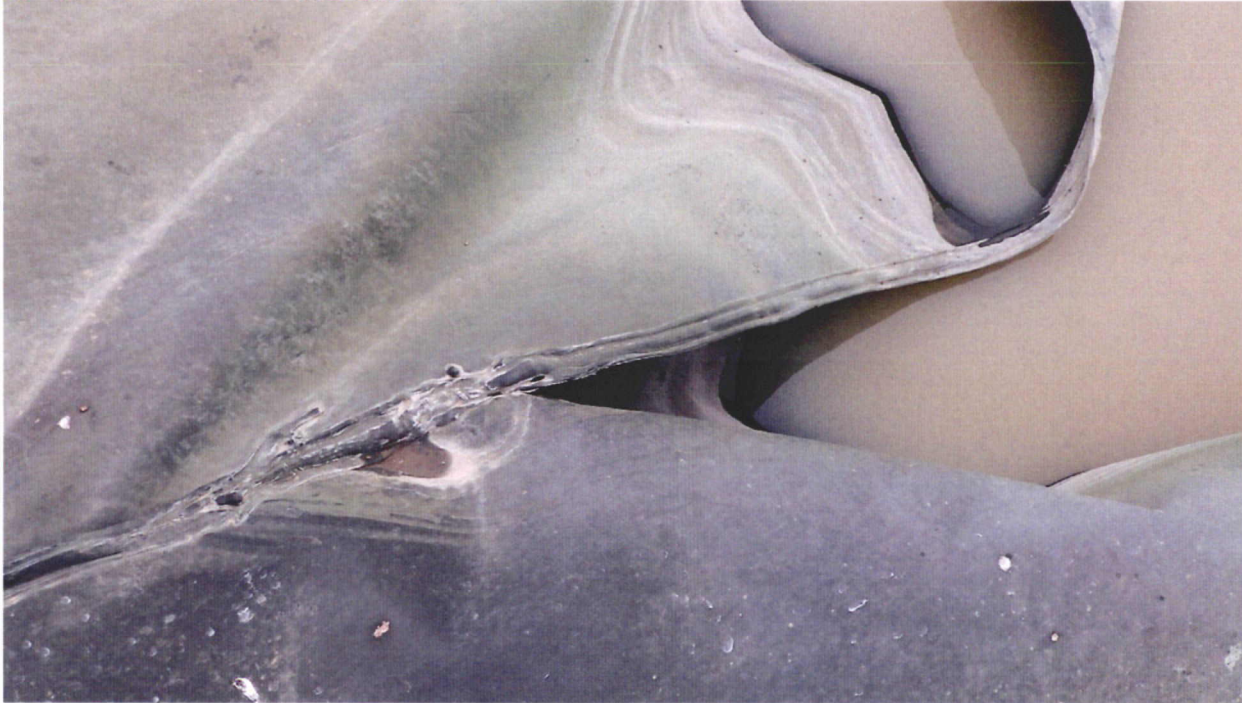


Photo: 15

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: South lagoon

Direction Facing: South

Description: This photo depicts a tear in north dike of the south lagoon.



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: South lagoon

Direction Facing: South

Description: This photo depicts a tear in north dike of the south lagoon. This tear is west of the above photo.



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: Dike between the south and northeast lagoon.

Direction Facing: West

Description: This photo depicts the equalization pipe between the two lagoons.



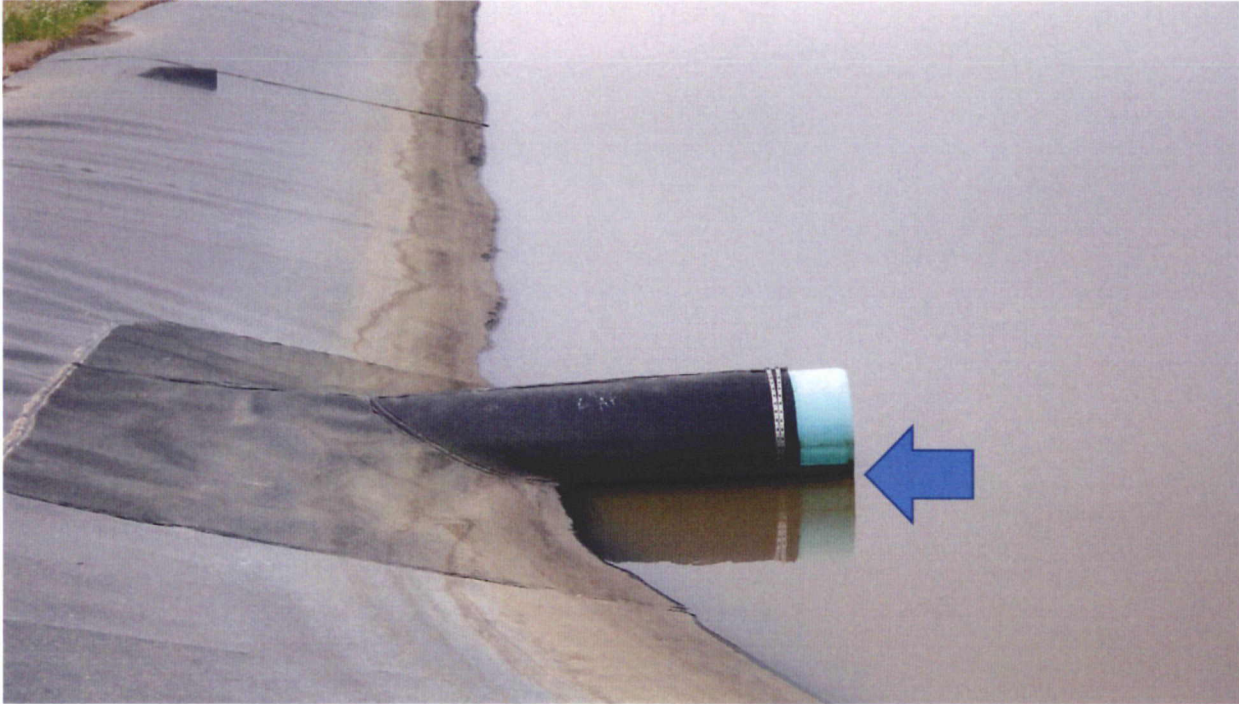


Photo: 18

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: Northeast corner of the northwest lagoon

Direction Facing: South

Description: This photo depicts the equalization pipe between the northeast and northwest lagoon. This photo depicts that the water level is nearly below the pipe.





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: Northeast corner of the northwest lagoon

Direction Facing: South

Description: This photo depicts water from the northwest lagoon entering the northeast lagoon.



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: East side of the hoop building.

Direction Facing: West

Description: This photo depicts stored metal. There is residual grain dust observed on the metal.



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: Northeast side of the north hoop building.

Direction Facing: North

Description: This photo depicts concrete waste piled north of the hoop building.





Photo: 22

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the biochar unit.

Direction Facing: South

Description: This photo depicts biochar spillage. Biochar will wash into the waterway south of the biochar unit.



Photo: 23

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the biochar unit.

Direction Facing: West

Description: This photo depicts empty chemical totes, trash and spilled biochar product.





Photo: 24

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southeast side of the biochar unit.

Direction Facing: West

Description: This photo depicts spilled biochar product. This area also slopes south to a waterway (arrow).





Photo: 25

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East side of the biochar unit.

Direction Facing: West

Description: This photo depicts trashed pallets.



Photo: 26

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side of the biochar unit.

Direction Facing: East

Description: This photo depicts an incorrectly installed silt fence (blue arrow). The silt fence is not trenched in which causes undercutting. The silt fence has allowed sludge material to discharge (yellow arrow).





Photo: 27

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side of the biochar unit.

Direction Facing: South

Description: This photo depicts staining and dead vegetation from the biochar unit. Stormwater runoff enters the ditch north of the unit.





Photo: 28

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East of the east Poseidon tank

Direction Facing: East

Description: Clean Harbors has covered the granular chemical totes. The inspection on April 23 noted spilled chemical. This inspection noted that the facility has cleaned the area.



Photo: 29

Site Visit Report

Date Taken: 4-28-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: County Road 9 and J

Direction Facing: West

Description: The water in the ditch is becoming cloudy and has some algae growth.



## AltEn LLC - Storm Water Temporary BMP Check Map



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





NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

## Inspection and Assistance Exit Summary

NDEE ID: 84065 NDEE Program & ID: \_\_\_\_\_ NDEE Notification #: \_\_\_\_\_

☒ Inspection/Other ☐ Compliance Assistance Visit (CAV) ☐ Permit Assistance Visit (PAV)

Facility/Operation Name: ALT ENJ LLC

Address: \_\_\_\_\_

City/Town: MEAD County: Sandwich State of Nebraska

Owner/Operator/Inspection Contact(s): Scott T. Jengelhoff

Inspector: Mark Pomajzl Phone No: 402-471-2956 E-Mail address: mark.pomajzl@nebraska.gov

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

Inspection Date: 4-28-21 Start Time: 10:15 End Time: 11:50

☐ No concerns observed ☐ Further agency discussion needed to determine compliance

☒ Concerns observed:

Areas 1, 2, 3, 4 & 5 - OK

Area 6 - Seepage observed on the Northwest Corner of the pile - Beam is needed to prevent stormwater discharge

\* Housekeeping Issues, etc:

- Breacher Unit
- Hoop Building

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

- Add Beam on Northside of Area-6
- Work on Housekeeping Concerns
- Provide Daily Checks of Beams (or as often as you can)

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: Mark Tengelhoff. 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.

Mark Tengelhoff  
Inspection Contact Signature

revised 11/19/19

## 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: ALT EN, LLC

Address: \_\_\_\_\_

City/Town: MEAD, County Saunder, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Scott TingelhoffInspector Mark Pomajzl Phone No 402.471.2936 E-Mail address mark.pomajzl@nebraska.gov@nebraska.gov

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

Inspection Date: 4-28-21 Start Time: 10:15 End Time: 11:50☐ No concerns observed☐ Further agency discussion needed to determine compliance☒ Concerns observed:Areas 1, 2, 3, 4 & 5 - OKArea 6 - Seepage observed on the Northwest Corner of the pile - Beam is needed to prevent Stormwater Discharge\* Housekeeping issues at:

- Biochar unit
- Hoop Building

☒ Actions to be performed immediately or as soon as reasonably practical:- Add Beam on Northside of Area-6- Work on Housekeeping Concerns- Provide Daily Checks of Beams (or as often as you can)**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: Mary Tingelhoff. Please contact the Inspector if you have any questions concerning this inspection and assistance exit summary.

  
Inspector Signature

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

  
Inspection Contact Signature