

Facility: AltEn, LLC

IIS: 84069

PCS: NE0137634

Jason Windhorst

5/19/2021

Site Visit Check list

Weather conditions: Cloudy with isolated rain showers

Temperature: 75 F

Wind: Northwest 12-25 (MPH)

Precipitation: 0.30

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 (<input checked="" type="radio"/> pumped / 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 accumulation of runoff |
| 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:

- Clean Harbors is actively moving wetcake from the area south of the northwest lagoon to the area west of the northwest lagoon.
- Material and equipment continue to be moved from the hoop buildings and other areas to be auctioned. Track out of seed coating dust was observed near the hoop buildings and access road to an area east of the administration building.
- Clean Harbors has reached capacity in their storage system and would like to work with NDEE regarding sampling on Monday May 24th, 2021. They would like to split samples or at minimum accept additional guidance.

B. Lagoons

1. Northeast lagoon
 - No change in liner condition or lagoon water observed.
2. Northwest lagoon
 - No change in liner condition or lagoon water observed.
3. South lagoon
 - No change in liner condition or lagoon water observed.



20210138977

AltEn LLC - Storm Water Temporary BMP Check Map



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





Photos: 1

Site Visit Report

Date Taken: 5-14-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Culverts at CR 9 & J

Direction Facing: Northwest

Description: The water appears to be somewhat clearer, but has white-green foam on the surface.



Photos: 2

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast of the Administration building.

Direction Facing: Northeast

Description: Equipment removed from the south hoop building for auction.



Photos: 3

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Southwest corner of the emergency lagoon.

Direction Facing: South

Description: Clean Harbors wastewater treatment area. The main field office onsite for Clean Harbors is located on the north side of the treatment area.



Photos: 4

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest corner of the emergency lagoon.

Direction Facing: East

Description: The lagoon has been drawn down to the point where influent pipe is above the lagoon water and solids.



Photos: 5

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

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: Access road through area 1 to area 2 on the site map.



Photos: 6

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

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: Bermed area around wetcake north of the administration building.



Photos: 7

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

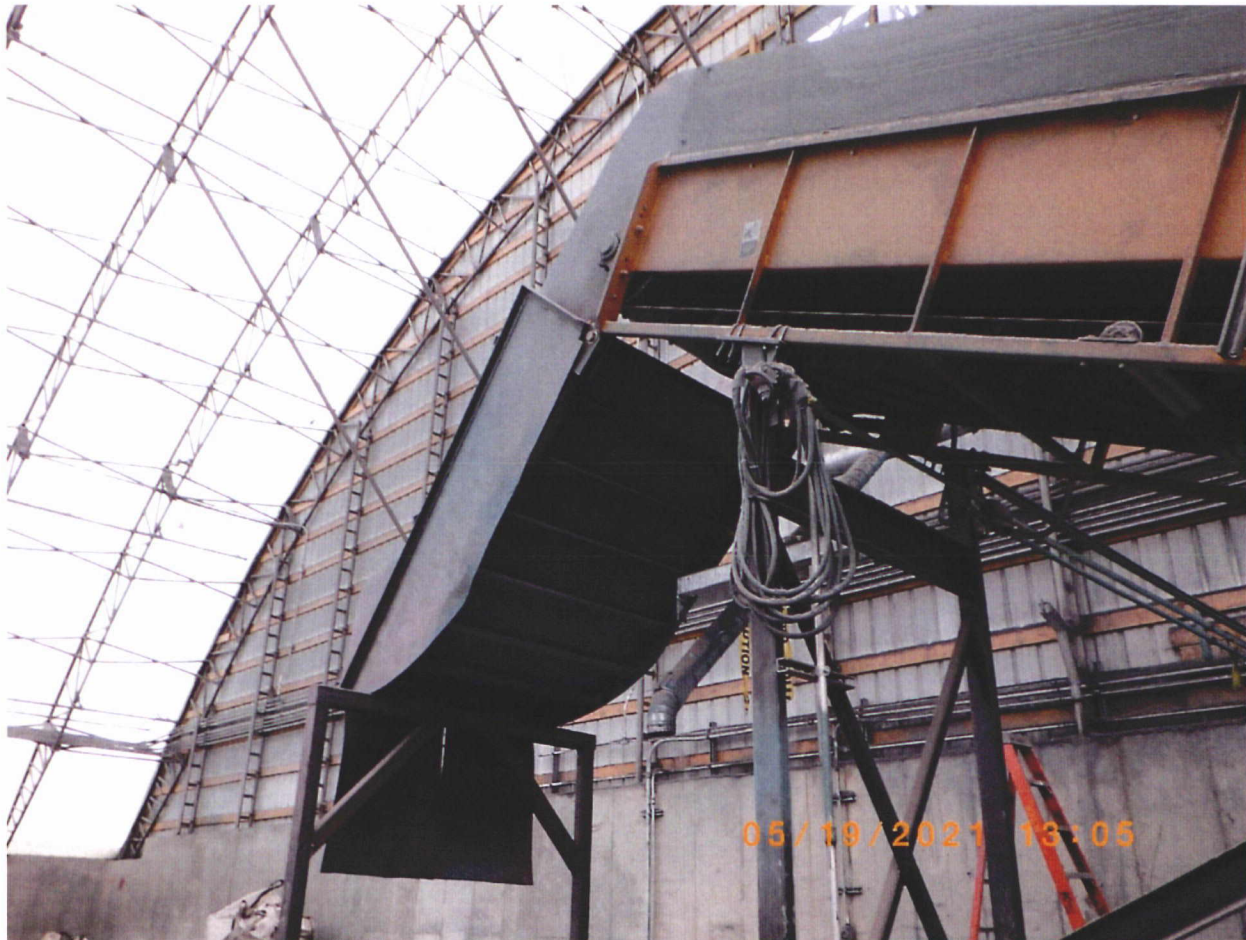
Facility Name/ Project Name: AltEn LLC

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

Location: East of the south hoop building.

Direction Facing: North

Description: Seed coating residue tracked out of hoop buildings onto access roads from equipment relocation.



Photos: 8

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Inside south hoop building east end.

Direction Facing: Northeast

Description: Component of the depackaging equipment used to open and extract seed bags.



Photos: 9

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area south of the northwest lagoon

Direction Facing: Northeast

Description: Area cleared of wetcake relocated to the area west of the northwest lagoon.



Photos: 10

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Same as photo 9

Direction Facing: Southwest

Description: Articulating dump truck and backhoe used to move the wetcake.



Photos: 11

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Southwest corner of the northwest lagoon.

Direction Facing: South

Description: Residue and sludge accumulating along the edge of the lagoon.



Photos: 12

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Same as photo 11.

Direction Facing: East

Description: Depth indicator marking 18' becoming more visible daily.



Photos: 13

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: South of the northeast corner of the northeast lagoon.

Direction Facing: Southwest

Description: View of the northeast lagoon showing the liner tears and whales.



Photos: 14

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

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: View of the northeast lagoon showing the liner tears and whales. More sections of torn liner appear as the lagoon is drawn down.



Photos: 15

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest corner of the southeast lagoon.

Direction Facing: West

Description: Sludge and foam accumulated at the pumping location of the lagoon to the treatment system.



Photos: 16

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast corner of the southeast lagoon.

Direction Facing: South

Description: Residue and solids accumulated along the edge of the lagoon during draw down.



Photos: 17

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: South of the northwest corner of the southeast lagoon.

Direction Facing: West

Description: Area south of the west lagoon where Clean Harbors is moving wetcake.



Photos: 18

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: South side of administration parking lot.

Direction Facing: Southwest

Description: Geotextile fabric storage and spent carbon storage. There is 6 storage containers of spent carbon stored in this area.



Photos: 19

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map. (Northeast corner)

Direction Facing: West

Description: Berm holding and not showing signs of seepage.



Photos: 20
Site Visit Report
Date Taken: 5-19-2021
Photographer: Jason Windhorst
Facility Name/ Project Name: AltEn LLC
Facility IIS number / Project identifier: IIS: 84069 / NE0137634
Location: Area 6 on the site map. (Southeast corner)
Direction Facing: West.
Description: Berm holding and not showing signs of seepage.



Photos: 21
Site Visit Report
Date Taken: 5-19-2021
Photographer: Jason Windhorst
Facility Name/ Project Name: AltEn LLC
Facility IIS number / Project identifier: IIS: 84069 / NE0137634
Location: Area 6 on the site map. (southeast corner)
Direction Facing: North
Description: Runoff beginning to pond behind the berm.



Photos: 22

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: East side Biochar pad

Direction Facing: North.

Description: Runoff from pad accumulating on the ground around the pad and ditch to the north.



Photos: 23

Site Visit Report

Date Taken: 5-19-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: East side of the Biochar pad

Direction Facing: West

Description: Wetcake loading area showing wetcake and Biochar on the ground.

NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: NE0137634/NER910444 NDEE Notification #: _____

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

Facility/Operation Name: Alt En

Address 1344 CR10

City/Town: Mead, County Savaders, State of Nebraska.

Owner/Occupant/Operator Inspection Contact(s): Scott Tinglehoff

Inspector <u>Jasen Windhorst</u>	Phone No <u>4024714205</u>	E-Mail address <u>jasen.windhorst@nebraska.gov</u>
		<u>@nebraska.gov</u>

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

Inspection Date: 5-19-2021 Start Time: 1215 End Time: 1515
☐ No concerns observed ☐ Further agency discussion needed to determine compliance

☒ Concerns observed: Observations,

Area 1 - Berms holding no sign of seepage. may need to be pumped if more rain: 15 min

2 - berm holding in good condition w/ no sign of seepage.

3 - berm holding in good condition w/ no seepage. very little runoff there

4 - no concern

5 - berm in good condition w/ no sign of seepage. ditch conveys runoff east

6 - berms are raised on the east side & show no sign of seepage. may be pumped soon if more runoff accumulates along east side

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

- Seed coating dust is being tracked out of hoop buildings & should be cleaned up.

- Continue cleaning Biochar from ground at & around the Biochar manufacturing area.

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

Jasen Windhorst
Inspector Signature

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

Scott Tinglehoff
Inspection Contact Signature

revised 11/19/19