

Facility: AltEn
IIS: 84069
PCS: NE0137634

Jason Windhorst
4-5-2021

Site Visit Check list

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 / 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 <input checked="" type="radio"/> pumped / not pumped |
| 4. North side of the north wet cake pile | <input checked="" type="radio"/> Yes | No <input checked="" type="radio"/> pumped / not pumped |
| 5. County Road 10 (Hoop building). | <input checked="" type="radio"/> Yes | No <input checked="" type="radio"/> pumped / not pumped |
| 6. East wet cake pile | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped) |

Comments:

- Site grading is primarily access road maintenance and consolidating wetcake on the northwest
- Same as 4/2/2021 report with no change (All three Poseidon tanks are put together and have liquid in them. The east and west tank have a small amount of liquid pumped from the emergency lagoon and the middle tank is filled to within 3' from the top.)
- The east wetcake area has not been pumped yet.
- Biochar loading to the south hoop building is close to completion, the estimate given to me was less than 60 super sacks to move and there is room for over 170 in the hoop building.
- Levels in all three lagoons continue to appear to be dropping.

B. Lagoons

- Northeast lagoon
 - No change in liner condition observed.
- Northwest lagoon
 - There are whales present today and the new section of liner floating next to the northern most whale is still present
- South lagoon
 - No change



AltEn LLC - Storm Water Temporary BMP Check Map



Address: 11344 County Road 10, Mead NE
NDEQ ID: 84089
Program ID: NE0137634

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



Photos: 1

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Culvert north of CR 9 & J

Direction Facing: East

Description: East side of CR 9 showing dark colored water with film on top in drainage way from AltEn.



Photos: 2

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on site map

Direction Facing: South

Description: Two berms used to contain runoff from the east wetcake storage area.



Photos: 3

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 1 on site map

Direction Facing: Northeast

Description: Regraded area west of area 1 showing new berm constructed.



Photos: 4

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: South hoop building

Direction Facing: West

Description: Updated photo of Biochar being stored in south hoop building.



Photos: 5

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Berm between area 1 and 2 on the site map

Direction Facing: East

Description: This area has been pumped except for a small amount of runoff. Staff will maintain this berm until permission is given to remove it.



Photos: 6

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: North of area 1 and east of the hoop buildings

Direction Facing: West

Description: Central drainage from the main wetcake area to the north and west that collects in area 2 on the site map.



Photos: 7

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Same as photo 6

Direction Facing: East

Description: Flow path of wet cake runoff to area 2 on the site map.



Photos: 8

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Approximately 200' east of the north hoop building

Direction Facing: North

Description: Poned runoff north of temporary access road south of the northwest lagoon.



Photos: 9

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5

Direction Facing: Northwest

Description: Small amount of ponded runoff left behind berm in area 5. The majority of this runoff is now diverted to the east and drains to area 2 on the site map.



Photos: 10

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

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: Stabilized berm and access road at area 5, no seepage observed.



Photos: 11

Site Visit Report

Date Taken: 4-5-2021

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: West

Description: Lagoon levels are slowly dropping and previous water levels can be observed in the northeast lagoon on the right side of the photo.



Photos: 12

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Southeast corner of the northwest lagoon

Direction Facing: Northwest

Description: 4 whales visible in the northwest lagoon.



Photos: 13

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Same as photo 12

Direction Facing: Southwest

Description: Southeast corner of the northwest lagoon showing water level staining indicating water level is dropping.



Photos: 14

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Southwest corner of the northeast lagoon

Direction Facing: North

Description: Water from the southeast lagoon was observed flowing back to the northeast lagoon via the equalization pipe.



Photos: 15

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: North of the Biochar operation

Direction Facing: South

Description: Last of Biochar bags stored on east side of Biochar operation.



Photos: 16

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: North of the Biochar operation.

Direction Facing: North

Description: Flatbed in center of photo being loaded with Biochar bags to take to the south hoop building.



Photos: 17

Site Visit Report

Date Taken: 4-5-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: South hoop building

Direction Facing: North

Description: Leftover waste material used in the ethanol production process.

Inspection and Assistance Exit Summary

NDEE ID: <u>84069</u>		NDEE Program & ID: <u>NE0137634/NER910444</u>		NDEE Notification #: _____	
<input checked="" type="checkbox"/> Inspection/Other		<input type="checkbox"/> Compliance Assistance Visit (CAV)		<input type="checkbox"/> Permit Assistance Visit (PAV)	
Facility/Operation Name: <u>AHE</u>					
Address: <u>11344 CR 10</u>					
City/Town: <u>Mead</u> , County: <u>Saunder's</u> , State of Nebraska.					
Owner/Occupant/Operator Inspection Contact(s): <u>Scott Tinglehoff</u>					
Inspector		Phone No		E-Mail address	
<u>Jason Windhorst</u>		<u>4024714205</u>		<u>jason.windhorst@nebraska.gov</u>	
				<u>@nebraska.gov</u>	
Mailing Address: Department of Environment and Energy, PO Box 98922, Lincoln, Nebraska 68509-8922					

Inspection Date: 4-5-2021 Start Time: _____ End Time: _____

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

☒ Concerns observed:

Area - 1 Muddy near center of berm but berm good condition

2 Berm holding w/ some water

3 Berm holding & dry outside of berm

4 Good condition

5 - Berm holding water diverted east

6 - slight seepage & holding water behind berm

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

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.

Jason Windhorst
Inspector Signature

Signing this document is not an admission of liability by the facility.
Ken Peterson
Inspection Contact Signature

revised 11/19/19