

Facility: AltEn, LLC
IIS: 84069
PCS: NE0137634

Jason Windhorst
6/4/2021

Site Visit Check list

Weather conditions: Cloudy
Temperature: 52° F
Wind: Northwest 6-17 (MPH)
Precipitation: Trace

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 continues to work on grading and stabilizing the area south of the northwest lagoon for the six pack - Poseidon tank farm.
- NDEE drone crew onsite today.
- Clean Harbors expressed concern regarding chemicals left inside the Process Building.
- Large pile of soil has been placed adjacent to the facility sanitary onsite system and may be covering part of the leach field.

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. Small whales emerge and disappear daily.
3. South lagoon
 - No change in liner condition or lagoon water observed. Slight foaming across the lagoon.



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



Photos: 1

Site Visit Report

Date Taken: 6-4-2021

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: Very little flow through the culverts at this time has allowed growth in the waterway and weed growth around the area is beginning to limit access to the area.



Photos: 2

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: West of Poseidon tank 1.

Direction Facing: Southeast

Description: Clean Harbors continues to move treatment equipment to the area north of the ethanol plant.



Photos: 3

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Administration area parking lot.

Direction Facing: Southwest

Description: Parking lot used as delivery area for new tank farm and waste carbon storage.



Photos: 4

Site Visit Report

Date Taken: 6-4-2021

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: East

Description: Depth marker indicates that this lagoon is at the 18' marker line.



Photos: 5

Site Visit Report

Date Taken: 6-4-2021

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: Northwest

Description: Very little runoff left in this area and the berms are holding with no seepage. Area 4 has wetcake moved back to the south of the berm and has no potential for seepage.



Photos: 6

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Midway between the northeast and northwest corners of the northwest lagoon.

Direction Facing: South

Description: Green sludge is accumulating along the north edge of the lagoon with debris.



Photos: 7
Site Visit Report
Date Taken: 6-4-2021
Photographer: Jason Windhorst
Facility Name/ Project Name: AltEn LLC
Facility IIS number / Project identifier: IIS: 84069 / NE0137634
Location: Same as photo 6
Direction Facing: South
Description: Larger masses of sludge floating to the surface.



Photos: 8

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast corner of the northwest lagoon.

Direction Facing: Southeast

Description: Equalization pipe over 3" out of the lagoon water. Photo also two small whales with the persistent large whale in the background.



Photos: 9

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

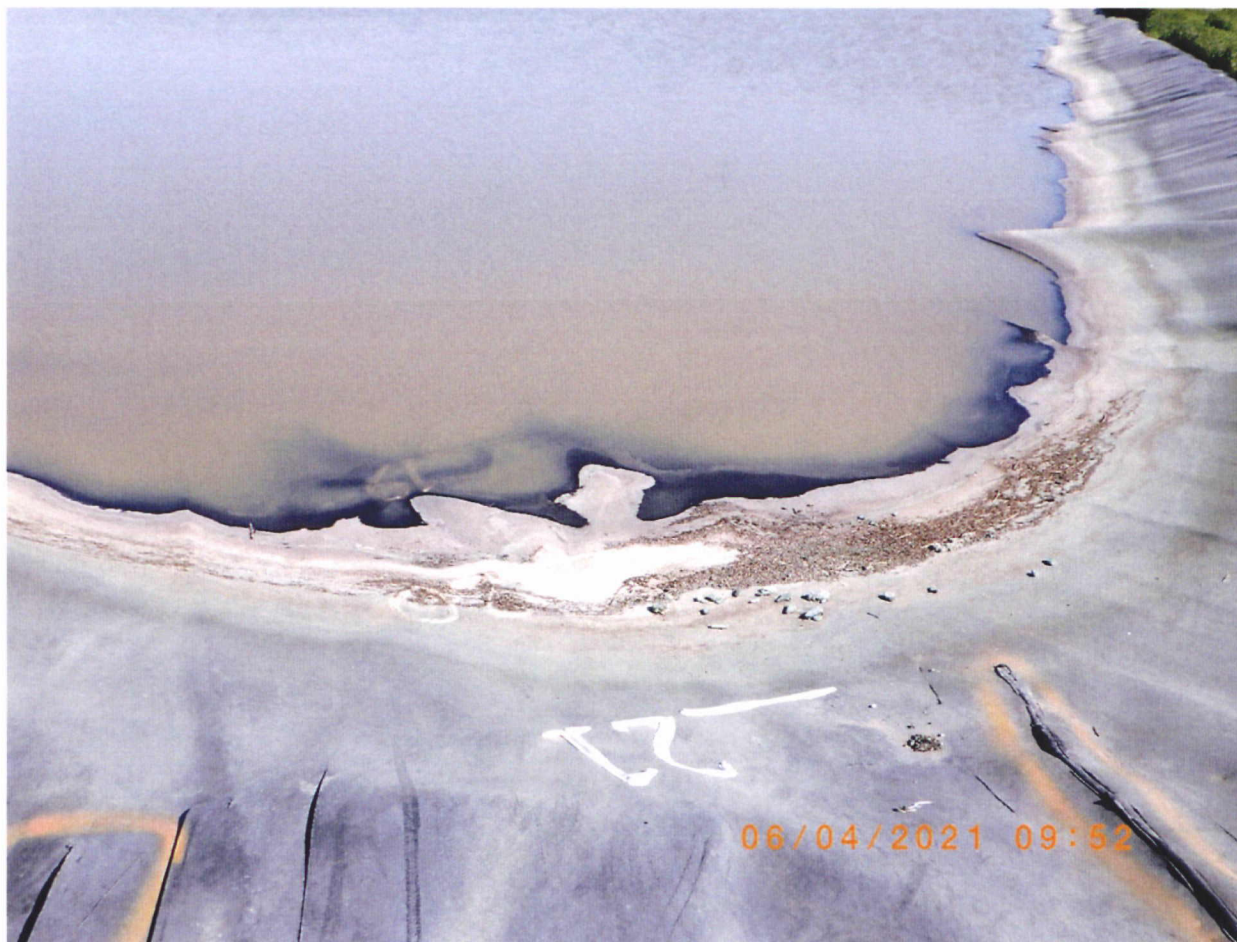
Facility Name/ Project Name: AltEn LLC

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

Location: Northwest corner of the southeast lagoon

Direction Facing: Southeast

Description: No change in the lagoon status. Lagoon depth marker indicates the lagoon is at 20'.



Photos: 10

Site Visit Report

Date Taken: 6-4-2021

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: This lagoon has no significant changes beyond the occasional gas releases. Lagoon depth marker indicates the lagoon is at 19.5'.



Photos: 11

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

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

Direction Facing: West

Description: Area being stabilized south of the northwest lagoon. They will likely begin placing the geotextile fabric after June 7, 2021.



Photos: 12
Site Visit Report
Date Taken: 6-4-2021
Photographer: Jason Windhorst
Facility Name/ Project Name: AltEn LLC
Facility IIS number / Project identifier: IIS: 84069 / NE0137634
Location: Same as photo 11.
Direction Facing: South
Description: Area 2 on the site map pumped dry.



Photos: 13

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

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

Direction Facing: Southeast

Description: Pad preparation for Poseidon tank farm.



Photos: 14

Site Visit Report

Date Taken: 6-4-2021

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: North

Description: Bermed area for area 1 is now covered in large soil stockpile and possibly covering part of the sanitary onsite system. It is unknown if the runoff was pumped out after being comingled with wetcake seepage.



Photos: 15

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the site map.

Direction Facing: North

Description: Ditch cut along berm to drain area 5 on the site map.



Photos: 16

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map.

Direction Facing: West

Description: Photo showing runoff storage along the north side of the wetcake pile.



Photos: 17

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map.

Direction Facing: South

Description: Partially recompacted berm area where seepage was present. The berm appears to be wheel rolled in the area there was seepage.



Photos: 18
Site Visit Report
Date Taken: 6-4-2021
Photographer: Jason Windhorst
Facility Name/ Project Name: AltEn LLC
Facility IIS number / Project identifier: IIS: 84069 / NE0137634
Location: Area 6 on the site map.
Direction Facing: West
Description: South edge of the wetcake storage area.



Photos: 19

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map.

Direction Facing: West

Description: Southeast corner of the storage area showing storage space available.



Photos: 20
Site Visit Report
Date Taken: 6-4-2021
Photographer: Jason Windhorst
Facility Name/ Project Name: AltEn LLC
Facility IIS number / Project identifier: IIS: 84069 / NE0137634
Location: North side of the resource recovery building
Direction Facing: South
Description: Roll-off used for spent carbon removed from AltEn's carbon filter system.



Photos: 21

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar pad

Direction Facing: South

Description: Containment (silt fence) in place around the entire area except for loading area where Clean Harbors will place wattles.



Photos: 22

Site Visit Report

Date Taken: 6-4-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Emergency lagoon

Direction Facing: East

Description: Photo depicts lowered lagoon level and partial vegetation removal along the south side of the lagoon.

Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: NE0137634/NER910444 NDEE Notification #: _____
Inspection/Other yes Compliance Assistance Visit (CAV) no Permit Assistance Visit (PAV) no
Facility/Operation Name: AltEn, LLC
Address: 1344 CR 10
City/Town: Mead County: Saunders
Owner/Occupant/Operator Inspection Contact (S): Scott Tingelhoff

Inspection Date: 6/4/2021 Start Time: 9:15 End time: 12:30

Inspector: Jason Windhorst Phone #: 402-471-4205 Email Address: jason.windhorst@nebraska.gov

Concerns observed: none

Further Agency discussion needed to determine compliance: none

Comments:

- | | | |
|--|--------------------------------------|---|
| 1. Northeast side of the administration building | <input checked="" type="radio"/> Yes | Berm replaced with large soil stockpile |
| 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 - no accumulation of runoff |
| 5. County Road 10 (Hoop building). | <input checked="" type="radio"/> Yes | No - no accumulation of runoff |
| 6. East wet cake pile | <input checked="" type="radio"/> Yes | No (pumped) <input checked="" type="radio"/> not pumped |

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

- Continue mowing operations. If possible, speak with county regarding culvert cleanout north of CR 9 & J for "Inflatable Pipe Plugs" to be used in spill protection.

Please notify the inspection when the above actions are completed.

The Department will provide the 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 of the documented concerns will be considered in assessment of your voluntary compliance the summary was left with: Scott Tingelhoff. Please contact your inspector if you have any questions concerning this inspection and assistance exit summary.

Singing this document is not an admission of liability by the facility

X *Jason Windhorst*

Jason Windhorst

Inspector

Signed by: Windhorst, Jason

Inspection Contact Signature: _____

Windhorst, Jason

From: Scott Tingelhoff <stingelhoff@mrgkc.com>
Sent: Tuesday, June 8, 2021 11:10 AM
To: Windhorst, Jason
Cc: Mary Tingelhoff
Subject: Inspection and Assistance Exit Summary (05-28-21) (06-04-21)
Attachments: Inspection and Assistance Exit Summary (05-28-21).pdf; Inspection and Assistance Exit Summary (06-04-21).pdf

Jason,

Please see the attached. It appears as though these may not have been delivered to you. If you are missing any others, please let me know. Sorry!

Scott

Scott Tingelhoff
General Manager
AltEn, LLC
1344 County Road 10
Mead, NE 68041
Office: (402) 624-2000, ext. 1008
Direct: (402) 624-0900
Fax: (402) 624-2027
stingelhoff@mrgkc.com

NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

Inspection and Assistance Exit Summary

NDEE ID: 84064 NDEE Program & ID: NE0137634/NER910444 NDEE Notification #: _____

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

Facility/Operation Name: Alt En

Address: 1314 CR 10

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

Owner/Occupant/Operator Inspection Contact(s): _____

Inspector	Phone No	E-Mail address
<u>Jason Windhorst</u>	<u>402474205</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: 5-28-2021 Start Time: 1115 End Time: 1330

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

☐ Concerns observed:

Area 1 - Getting seepage from water tank the west it should be pumped
2 - Berm good & runoff being pumped
3 - Berm good & no concerns
4 - Berm good & no concerns
5 - Berm good & no concerns
6 - multiple areas of seepage collecting down
gradient towards drainage ditch.

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

- repair berms along east side of area 6
seepage is collecting in pools & can potentially
be discharge in next rain event.

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

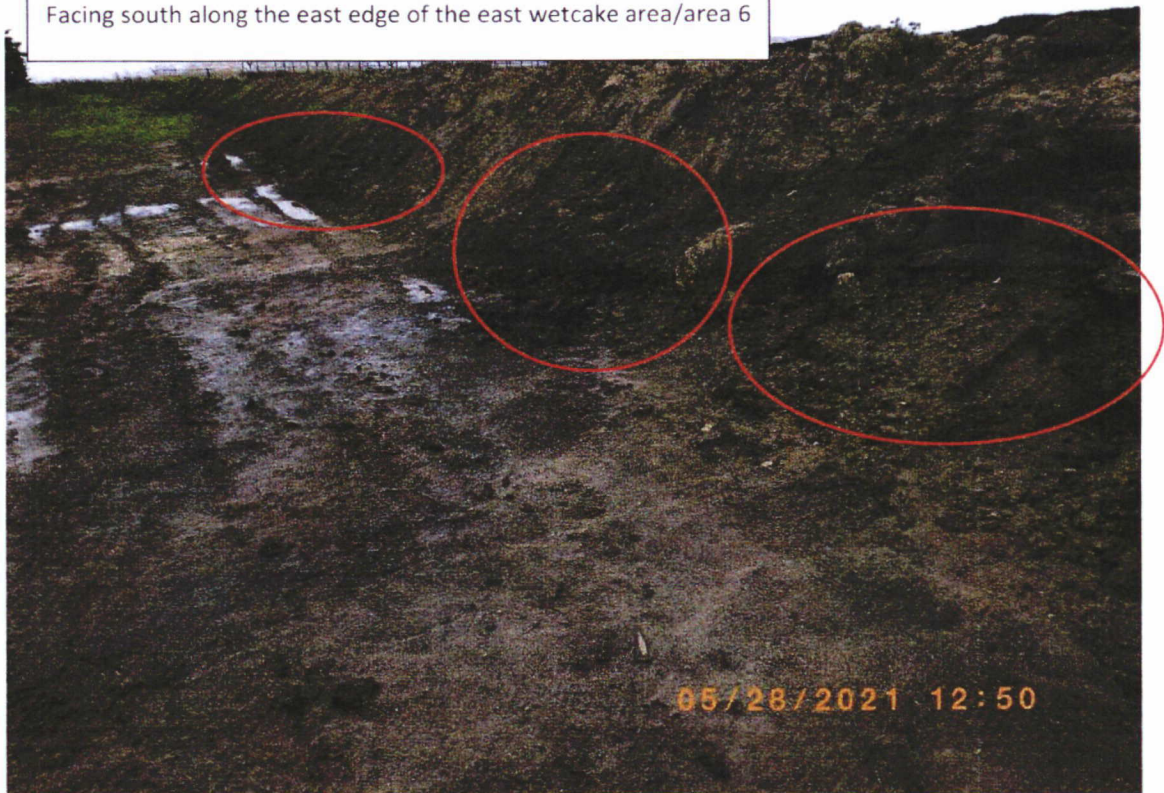
Jason Windhorst
Inspector Signature

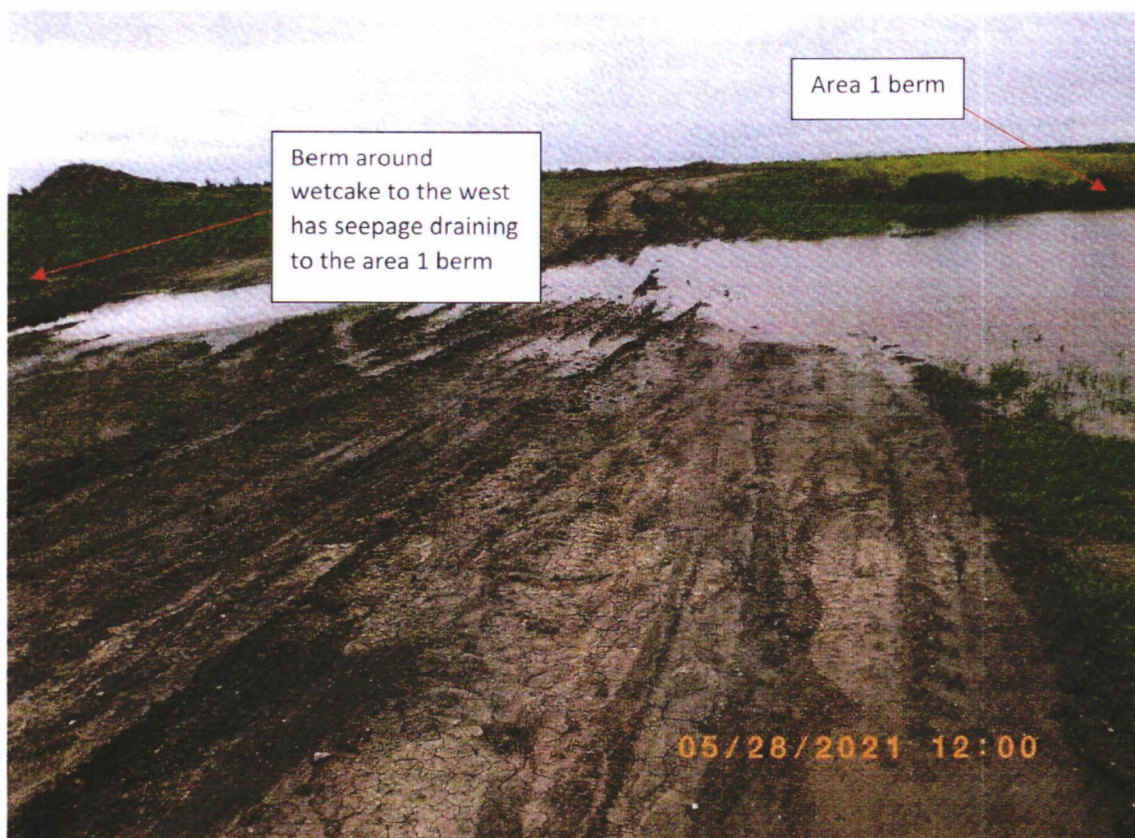
Signing this document is not an admission of liability by the facility.

Scott Tingshoff
Inspection Contact Signature

revised 11/19/19

Facing south along the east edge of the east wetcake area/area 6







Inspection and Assistance Exit Summary

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

Inspection/Other ☒ yes Compliance Assistance Visit (CAV) ☐ no Permit Assistance Visit (PAV) ☐ no

Facility/Operation Name: AltEn, LLC

Address: 1344 CR 10

City/Town: Mead County: Saunders

Owner/Occupant/Operator Inspection Contact (S): Scott Tingelhoff

Inspection Date: 6/4/2021 Start Time: 9:15 End time: 12:30

Inspector: Jason Windhorst Phone #: 402-471-4205 Email Address: jason.windhorst@nebraska.gov

Concerns observed: none

Further Agency discussion needed to determine compliance: none

Comments:

- | | | |
|--|--------------------------------------|---|
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| 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 - no accumulation of runoff |
| 5. County Road 10 (Hoop building). | <input checked="" type="radio"/> Yes | No - no accumulation of runoff |
| 6. East wet cake pile | <input checked="" type="radio"/> Yes | No (pumped <input checked="" type="radio"/> not pumped) |

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

- Continue mowing operations. If possible, speak with county regarding culvert cleanout north of CR 9 & J for "Inflatable Pipe Plugs" to be used in spill protection.

Please notify the inspection when the above actions are completed.

The Department will provide the 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 of the documented concerns will be considered in assessment of your voluntary compliance the summary was left with: Scott Tingelhoff. Please contact your inspector if you have any questions concerning this inspection and assistance exit summary.

Singing this document is not an admission of liability by the facility

NEBRASKA

Good Life. Great Resources.

DEPT. OF ENVIRONMENT AND ENERGY

 Recoverable Signature

X *Jason Windhorst*

Jason Windhorst

Inspector

Signed by: Windhorst, Jason

Inspection Contact Signature:

Jason Windhorst