

Facility: AltEn  
IIS: 84069  
PCS: NE0137634

Jason Windhorst  
5-10-2021

## Site Visit Check list

Weather conditions: Sunny  
Temperature: 47-63 F  
Wind: Average 0 mph w/ gusts 7 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 | <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 pumping emergency lagoon water to the northeast lagoon.
- Clean Harbors is now requesting that all site visitor's check-in also at their east job trailer before inspecting.
- Clean Harbors is moving the evaporators used in the lagoons to an area SW of the distillation area of the ethanol plant.

### B. Lagoons

- Northeast lagoon
  - No change in liner condition or lagoon water observed.
- Northwest lagoon
  - There is only one whale now in this lagoon and water is slowly moving back into this lagoon via the equalization pipe.
- South lagoon
  - No change in liner condition observed.



5699E101202

AltEn LLC - Storm Water Temporary BMP Check Map



Temporary  
Berm

AltEn Fast SW Flowline

SWOP

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: 5-5-2021

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: West

Description: The water in the ditch has little flow and appears stagnant. There is algae covering most of the water on the west side of the culvert.



Photos: 2

Site Visit Report

Date Taken: 5-10-2021

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: Small berm around the wetcake and additional berms to capture runoff are in good condition and do not exhibit signs seepage.





Photos: 3

Site Visit Report

Date Taken: 5-10-2021

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: First berm constructed to capture runoff continues to function properly.



Photos: 4

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Area 2 on the site map.

Direction Facing: East

Description: Berm is holding and does not indicate any sign of seepage. This area was recently pumped.





Photos: 5

Site Visit Report

Date Taken: 5-10-2021

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: Northeast

Description: Nothing new observed in this lagoon except the floating black sludge is no longer visible at the surface.



Photos: 6

Site Visit Report

Date Taken: 5-10-2021

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: North

Description: Water is slowly flowing into the southeast lagoon from the northeast lagoon.





Photos: 7

Site Visit Report

Date Taken: 5-10-2021

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: Clean Harbors pumping water from the emergency to this lagoon.



Photos: 8

Site Visit Report

Date Taken: 5-10-2021

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: West

Description: Section of the liner that becomes more exposed weekly.





Photos: 9

Site Visit Report

Date Taken: 5-10-2021

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: South

Description: Equalization pipe flowing west into the lagoon from the northeast lagoon.



Photos: 10

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Same as photo 9

Direction Facing: Southeast

Description: Closeup of equalization pipe showing the current level of the lagoon.





Photos: 11

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Middle of the north side of the northwest lagoon.

Direction Facing: South

Description: Persistent whale stationary along the south side of the lagoon.



Photos: 12

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

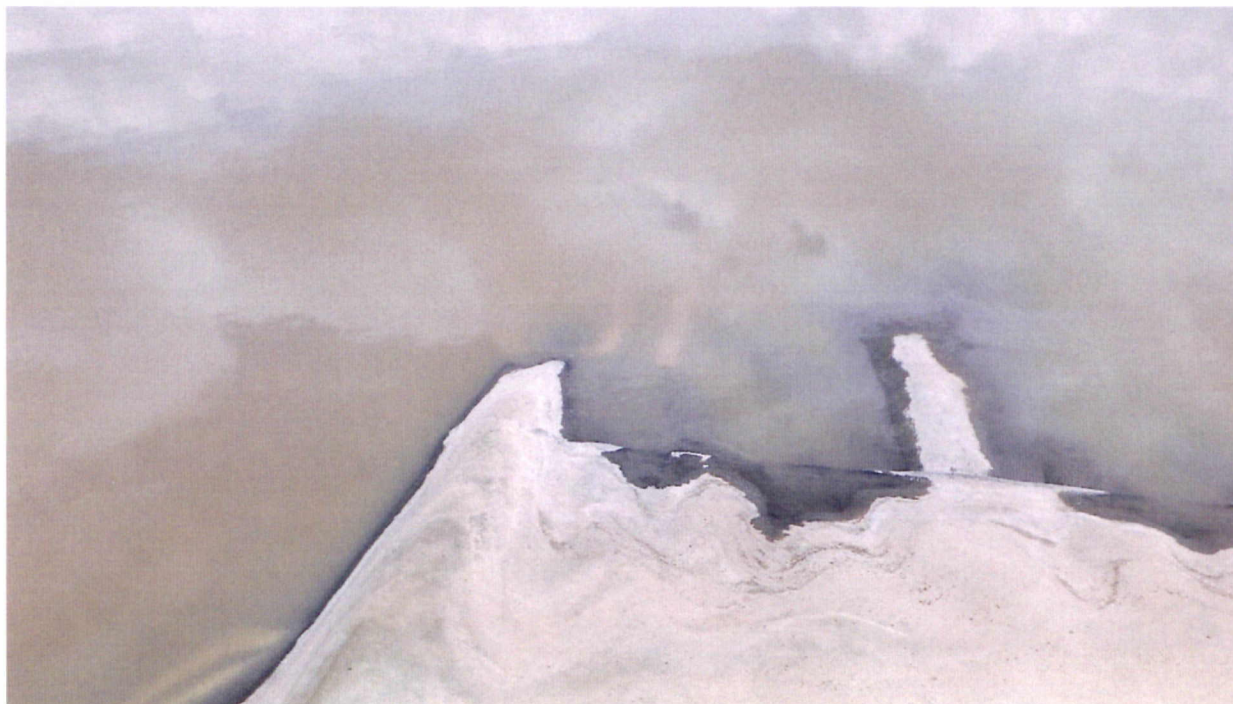
Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Area 3 on the site map.

Direction Facing: West

Description: Berms are in good condition and have no evidence of seepage. Mud on the outside of the berm is from the recent rain and Clean Harbor traffic.





Photos: 13

Site Visit Report

Date Taken: 5-10-2021

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 indicator is visible showing the 18' marker still submerged.



Photos: 14

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast of the north hoop building.

Direction Facing: Southwest

Description: New berm being constructed/extended from the existing berm west of the northwest lagoon.





Photos: 15

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: West of photo 14

Direction Facing: Southwest

Description: Ponded runoff from wetcake stored north of the hoop buildings.



Photos: 16

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: Approximately 120' East of the north hoop building

Direction Facing: West

Description: Bay door left open again on north hoop building.





Photos: 17

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: North of the north hoop building.

Direction Facing: Northwest.

Description: Clean Harbors is constructing additional berms on the south side of the ditch excavated by AltEn.



Photos: 18

Site Visit Report

Date Taken: 5-10-2021

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: Northwest.

Description: Reinforced berm separating wetcake runoff from uncontaminated runoff.





Photos: 19

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: West side of the emergency lagoon.

Direction Facing: East.

Description: Clean Harbors pumping from the emergency lagoon to the northeast lagoon.



Photos: 20

Site Visit Report

Date Taken: 5-10-2021

Photographer: Jason Windhorst

Facility Name/ Project Name: AltEn LLC

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

Location: North of the north hoop building.

Direction Facing: Northwest.

Description: Poseidon tank 1 in the center of the photo and tank 2 in the background.





Photos: 21

Site Visit Report

Date Taken: 5-10-2021

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: Reinforced berm at the northwest corner of the east wetcake storage area.





Photos: 22

Site Visit Report

Date Taken: 5-10-2021

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: Totes moved to this area to be used to pump runoff and transport to the emergency lagoon. I requested that Clean Harbors work on pumping this area as soon as staff was available before forecasted rain arrived.



## 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>Alt En</u>					
Address <u>1314 CR 10</u>					
City/Town: <u>Mead</u> , County <u>Gardner</u> , State of Nebraska.					
Owner/Occupant/Operator Inspection Contact(s): <u>Scott Tinglehoff</u>					
Inspector	Phone No	E-Mail address			
<u>Jason Windham</u>	<u>4024714205</u>	<u>jason.windham@nebraska.gov</u>			
		<u>@nebraska.gov</u>			
Mailing Address: Department of Environment and Energy, PO Box 98922, Lincoln, Nebraska 68509-8922					

Inspection Date: 5-10-2021 Start Time: 1215 End Time: 1430

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

☐ Concerns observed:

Area 1 - Berm holding w/no seepage but should be pumped  
2 - Berm holding w/no seepage was pumped earlier  
3 - Berm reinforced & holding w/no seepage  
4 - no concerns, berm also reinforced  
5 - Berm holding w/no seepage & has been reinforced  
6 - Berm holding w/no seepage on upper berm  
but lower berm has seepage & should be pumped

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

- Address lower berm in Area 6

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

Jason Windham  
Inspector Signature

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

Scott Tinglehoff  
Inspection Contact Signature

revised 11/19/19