

Facility: AltEn, LLC

IIS: 84069

PCS: NE0137634

*mp* ✓

Mark Pomajzl / Lindsey Hollman / Dane Pauley

5/17/2021

## Site Visit Check list

Weather conditions: Cloudy, on and off rain

Temperature: 55 F

Wind: Northwest 5-10 (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 ( <input checked="" type="radio"/> pumped / not pumped) |
| 4. North side of the north wet cake pile         | <input checked="" type="radio"/> Yes | No – No water accumulation                                 |
| 5. County Road 10 (Hoop building).               | <input checked="" type="radio"/> Yes | Trenched to Area 2   |
| 6. East wet cake pile                            | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped)  |

### Comments:

- Area 1 contains two berms. The east berm has been expanded to prevent parking lot water from entering the berm area. The east berm contains older water which is green.
- Areas 2 has been pumped to the emergency lagoon.
- Area 3 is in good condition
- Area 4 is in good condition.
- Clean Harbors has finished the berm around the Area 6 pile. The berm surrounds area 6.

### B. Lagoons

- Northeast lagoon
  - No change with the liners.
  - The water level continues to lower.
  - The facility is recirculating water from the pumping station into the northeast lagoon.
- Northwest lagoon
  - The water level is below the equalization pipe.



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### 3. South lagoon

- The water level continues to lower. The equalization pipe is visible. The facility is pumping from the south lagoon to treatment.

### C. Biochar

- Spilled biochar product.
- Trash and debris observed.

### D. Notes

- × Vegetation is becoming a problem. I observed an increasing amount of vegetation along the south lagoon dikes.
- × Vegetation is also growing fast along the storm water ditch south of the digester.
- × The facility is moving wet cake and dirt south of the northwest lagoon. The facility is preparing an area for additional Poseidon tanks.
- × Areas 3, 4 and 5 are interconnected by berms.
- Today I brought two additional Department employees: Dane Pauley and Lindsey Hollman. Their task was to record video and take photos of the berms and lagoons. The video and photos were taken with the Drone.

## Photos



Photo: 1

Site Visit Report

Date Taken: 5-17-21

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: South

Description: This is the original east berm. There is minor water accumulation but no seepage observed.





Photo: 2

Site Visit Report

Date Taken: 5-17-21

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: Southwest

Description: This is the west berm. There is minor water accumulation and depicted here. There are no signs of seepage.





Photo: 3

Site Visit Report

Date Taken: 5-17-21

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 south portion of the east berm. This J hook shaped berm is designed to prevent parking lot water from entering the berm area.



Photo: 4

Site Visit Report

Date Taken: 5-17-21

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: Southwest

Description: This photo depicts minor water accumulation.





Photo: 5

Site Visit Report

Date Taken: 5-17-21

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: East

Description: This photo depicts that Clean Harbors has added clay and leveled off a low area north of area 3 (arrow). Clean Harbors has also reinforced the north side of area 3.





Photo: 6

Site Visit Report

Date Taken: 5-17-21

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 water accumulation behind area 3. Clean Harbors has reinforced the berm. There is no seepage observed.



Photo: 7

Site Visit Report

Date Taken: 5-17-21

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: Southwest

Description: This photo depicts a newly constructed berm that connects area 3 and area 5.



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Photo: 8

Site Visit Report

Date Taken: 5-17-21

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: Southwest

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

Location: Area 4 on the site map

Direction Facing: Southwest

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Photo: 9

Site Visit Report

Date Taken: 5-17-21

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: Southwest

Description: This photo depicts a newly constructed berm at area 4. There are no signs of seepage.



Photo: 10

Site Visit Report

Date Taken: 5-17-21

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: West

Description: This photo depicts water accumulation from outside the berm. This water is not leaking from the berm but is runoff from northside of the hoop building depicted in photo 11.



Photo: 11

Site Visit Report

Date Taken: 5-17-21

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: East

Description: This photo depicts runoff water from outside the berm. The water in this area is from the north side of the hoop building.





Photo: 12

Site Visit Report

Date Taken: 5-17-21

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: West

Description: This photo depicts runoff from the accumulated water depicted in photos 10 and 11.



Photo: 13

Site Visit Report

Date Taken: 5-17-21

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: South

Description: This photo depicts runoff from area 5. Water is accumulating in the west ditch. The ditch culvert drains south but does not drain.





Photo: 14

Site Visit Report

Date Taken: 5-17-21

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 the berm on the east side of area 6. Clean Harbors has removed the secondary berm (yellow arrow). The primary berm has been reinforced (blue arrow)





Photo: 15

Site Visit Report

Date Taken: 5-17-21

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 the south side of area 6. Clean Harbors has removed the south portion of the berm. The berm now surrounds the south side. Area 6 can be driven around for inspection.



Photo: 16

Site Visit Report

Date Taken: 5-17-21

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 the south side of area 6. This photo is from the same position as photo 15 just looking north. Clean Harbors has reinforced the berm since the previous site visit. There are no signs of seepage.





Photo: 17

Site Visit Report

Date Taken: 5-17-21

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 the north side of area 6. The berm is compacted on the outside. The totes are used to transfer water when needed.





Photo: 18

Site Visit Report

Date Taken: 5-17-21

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 the west side of area 6. This is the newest berm construction.



Photo: 19

Site Visit Report

Date Taken: 5-17-21

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: Southeast

Description: This photo depicts the southwest side of area 6. The berm is compacted on the outside.



Photo: 20

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: West

Description: This photo depicts the northwest lagoon. Today there are multiple floating liners.





Photo: 21

Site Visit Report

Date Taken: 5-17-21

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 finder.

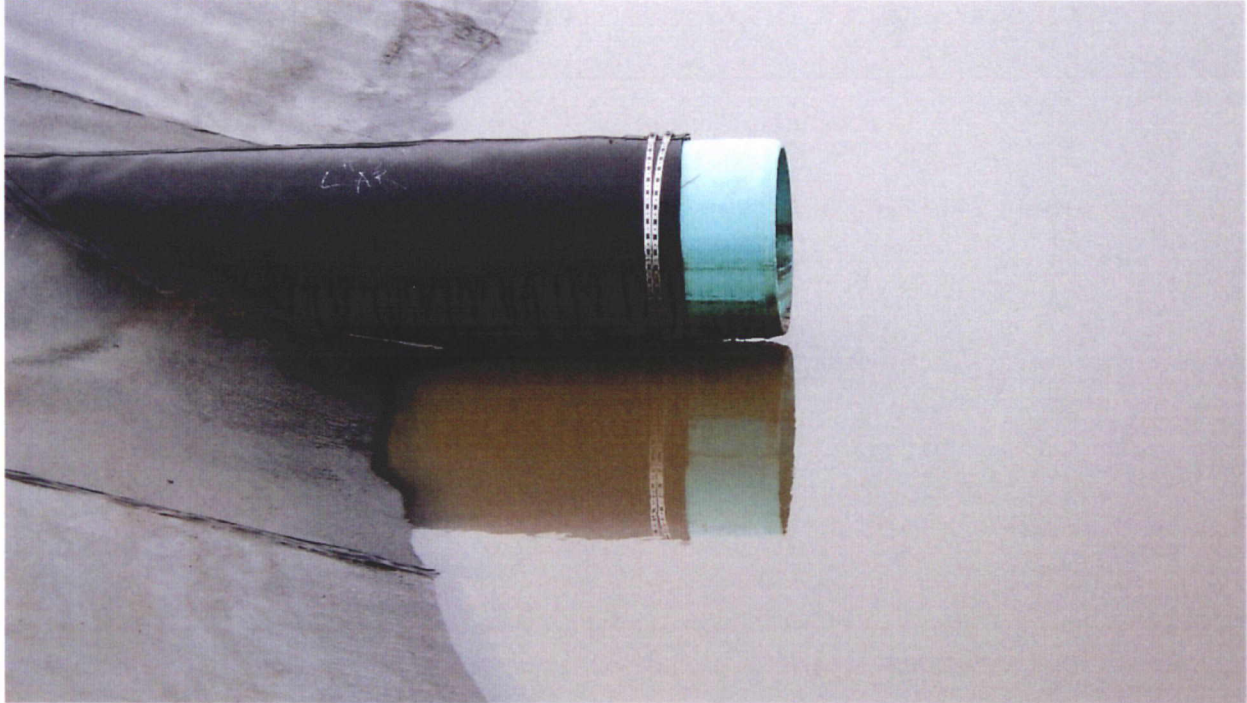


Photo: 22

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

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



Photo: 23

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: South

Description: This photo depicts the equalization pipe in the northeast lagoon.





Photo: 23

Site Visit Report

Date Taken: 5-17-21

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 finder.



Photo: 24

Site Visit Report

Date Taken: 5-17-21

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 finder.





Photo: 25

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Between the south and northeast lagoon

Direction Facing: West

Description: This photo depicts the pump used to transfer water to the treatment system.





Photo: 26

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West dike of the south lagoon

Direction Facing: South

Description: This photo depicts the hose used to transfer water from the emergency lagoon to the south lagoon. The system is off. Also notice the vegetation.



Photo: 27

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West dike of the south lagoon

Direction Facing: South

Description: This photo also depicts tall vegetation.





Photo: 28

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side of the Biochar.

Direction Facing: East

Description: This photo depicts accumulated runoff water from the Biochar unit. The photo also depicts uncontrolled vegetation.





Photo: 29

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the Biochar.

Direction Facing: North

Description: This photo depicts spilled biochar.



Photo: 30

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the Biochar.

Direction Facing: North

Description: This is a close up of spilled biochar product.





Photo: 31

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East side of the Biochar

Direction Facing: West

Description: This photo depicts spilled biochar product. Also note that the vegetation is becoming more prevalent.





Photo: 32

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East side of the Biochar

Direction Facing: West

Description: Clean Harbors has cleaned the biochar east side.



Photo: 33

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Emergency lagoon

Direction Facing: East

Description: This photo depicts the water level in the emergency lagoon.





Photo: 34

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Poseidon tank

Direction Facing: South

Description: This photo depicts an oily sheen (arrow)





Photo: 35

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Poseidon tank

Direction Facing: South

Description: This photo depicts an oily sheen (arrow)



Photo: 36

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the northwest lagoon

Direction Facing: South

Description: This photo depicts a Clean Harbor employee pushing wet cake and dirt.



Photo: 37

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the northwest lagoon

Direction Facing: Southwest

Description: This photo depicts Clean Harbors moving wet cake and dirt southwest of the lagoons.





Photo: 38

Site Visit Report

Date Taken: 5-17-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West side of the south lagoon

Direction Facing: West

Description: This photo depicts Clean Harbors moving wet cake and soil west of the south 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



## Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: NE0137634 NDEE Notification #: \_\_\_\_\_

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

Facility/Operation Name: AltEn, LLC

Address: 11344 County Road 10

City/Town: Mead County: Saunders

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

Inspection Date: 5-17-21 Start Time: 9:50 am End time: 1:30 pm

Inspector: Mark Pomajzl Phone #: 1-402-471-2936 Email Address: mark.pomajzl@nebrasaka.gov

Concerns observed: Further Agency discussion needed to determine compliance: none

### Observations: X

#### Comments:

- Area 1 - Ok
- Area 2 - Ok
- Area 3 - OK
- Area 4 - OK
- Area 5 - OK
- Area 6 - OK

The facility is moving around wet cake on the south side of the northwest lagoon.

- × Vegetation is growing fast and is need of control (Lagoons and main plant)
- × The Biochar area continues to have spilled product, trash and debris.

Lagoons – no change

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

- Clean the biochar area
- Manage vegetation around the lagoons and the main facility.

# NEBRASKA

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**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: \_\_Email\_\_\_\_\_. 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

Inspector: Mark Pomajzl

Inspection Contact Signature: *[Signature]*