

Facility: AltEn
IIS: 84069
PCS: NE0137634

Mark Pomajzl
4/7/2021

Site Visit Check list

Weather conditions: Cloudy
Temperature: 50 F
Precipitation: none

A. Berms (the numbers below match the attached map) Circling yes indicates the area was inspected.

- | | | |
|--|-----|--------------------------|
| 1. Northeast side of the administration building | Yes | No (pumped) / not pumped |
| 2. Southwest side of the south lagoon | Yes | No (pumped) / not pumped |
| 3. West side of the northwest lagoon | Yes | No (pumped) / not pumped |
| 4. North side of the north wet cake pile | Yes | No |
| 5. County Road 10 (Hoop building). | Yes | No (pumped) / not pumped |
| 6. East wet cake pile | Yes | No (pumped / not pumped) |

Comments:

- The facility completed the berms north of the Area 1.
- Area 6 is seeping in two places. The facility needs to pump down this berm.
- The facility has dug a trench from area 5 to the northeast side of the south hoop building. The facility pumps contained water from area 5 through the trench to area 2. The facility then transfers water from area 2 to the emergency lagoon.
- Area 4 was not photographed.

B. Lagoons

1. Northeast lagoon

- The water surface appears to be lower.
- I observed a gas release and floating liner (see photo log).

2. Northwest lagoon

- No change

3. South lagoon

- No change



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C. Biochar Storage

- The facility continues to relocated biochar supersacks into the south hoop building (approximately 80% moved).
- Green Cycle Solutions had recently sold some equipment (located in the south hoop building). Mr. Peterson stated they had to move supersacks to get the equipment out. This process had slowed the transfer of the remaining supersacks. Mr. Peterson also stated that they will be temporarily store the remaining supersacks to the cement pad near the administration building.



Photos: 1

Site Visit Report

Date Taken: 4-7-2021

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: West

Description: This photo depicts a newly constructed berm. The berm appears to have some compaction.



Photos: 2

Site Visit Report

Date Taken: 4-7-2021

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: East

Description: This the same berm depicted above just facing east.



Photos: 3

Site Visit Report

Date Taken: 4-7-2021

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: North

Description: This is the original berm constructed for Area 1. Nothing of concern observed.



Photos: 4

Site Visit Report

Date Taken: 4-7-2021

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: West

Description: This berm is located southeast corner of the south lagoon. The facility has reinforced the berm with additional soil.



Photos: 5

Site Visit Report

Date Taken: 4-7-2021

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: The facility has recently reinforced this berm with additional material. There is no evidence of seepage or leakage.



Photos: 6

Site Visit Report

Date Taken: 4-7-2021

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: The facility has installed this trench. Mr. Peterson stated it is used to help transfer water from area 5 to area 2. Area 2 is then transferred to the emergency lagoon.



Photos: 7

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

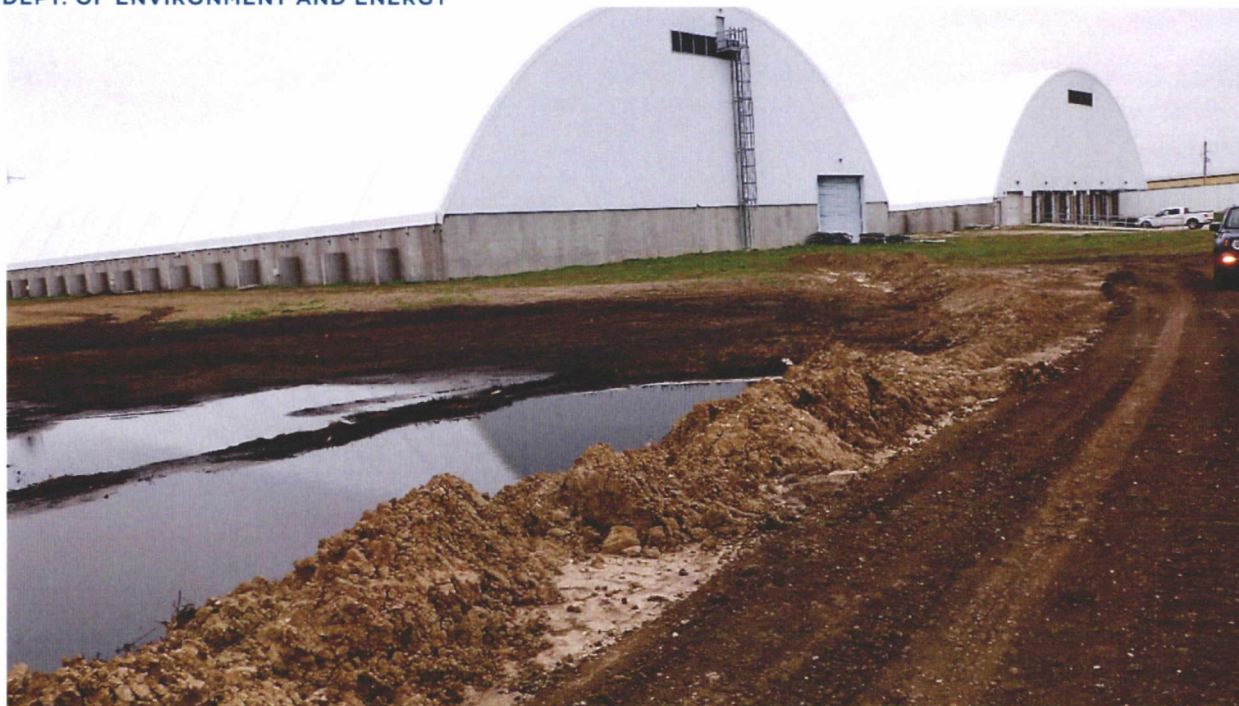
Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the site map

Direction Facing: East

Description: This photo depicts the hose used to connect to the transfer pump. The hose is then placed in the trench depicted in the above photo. There is some water accumulation but no seepage or leaking observed.



Photos: 8

Site Visit Report

Date Taken: 4-7-2021

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: Southeast

Description: This photo depicts area 5 facing southeast. There is some water accumulation but I did not observe seepage or leakage.



Photos: 9

Site Visit Report

Date Taken: 4-7-2021

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: North

Description: This photo depicts area 6 facing north. The facility has reinforced the berm with additional material.



Photo: 10

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name / Project: [REDACTED]



Photo: 11

Site Visit Report

Date Taken: 4-7-2021

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 water accumulation behind the berm.



Photo: 12

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Pumping station

Direction Facing: South

Description: This photo depicts the treatment pumping station.



Photo: 13

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Pumping station

Direction Facing: Southeast

Description: This photo depicts hoses entering the south (blue arrow) and northeast lagoon (orange arrow).



Photo: 14

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: South

Description: This photo depicts an additional pumping station along the west dike of the south lagoon.



Photo: 14

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the south lagoon

Direction Facing: North

Description: This photo depicts workers pulling hose over the south lagoon through a trench. The hose continues over the road and over the next lagoon dike. This is depicted in the next photo.



Photo: 15

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side of a Mead Cattle lagoon

Direction Facing: South

Description: This photo depicts a worker pulling hose over a lagoon dike to eventually connect to the treatment system.



Photo: 16

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southwest side of the south lagoon

Direction Facing: South

Description: This photo depicts cut wires. The fence on the southwest corner of the south lagoon.



Photo: 17

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South of the digester

Direction Facing: Southeast

Description: This photo depicts the east Poseidon tank.



Photo: 18

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West of the Biochar

Direction Facing: Southwest

Description: This photo depicts the west Poseidon tank.



Photo: 19

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East of the biochar

Direction Facing: South

Description: There are some supersacks located east of the biochar. Most have been moved to the south hoop building.



Photo: 20

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West of the biochar

Direction Facing: South

Description: There are some supersacks located west of the biochar. Most have been moved to the south hoop building.



Photo: 20

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: East

Description: Depth marker



Photo: 21

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: West

Description: Depth marker



Photo: 21

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: West

Description: Depth marker



Photo: 22

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: Northwest

Description: This photo depicts floating liners along the south dike.



Photo: 23

Site Visit Report

Date Taken: 4-7-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: Northwest

Description: The arrow depicts floating liner. Prior to this photograph, I heard a popping sound. I then observed water rushing upwards. This liner was observed after the incident (arrow).

AltEn LLC - Storm Water Temporary BMP Check Map



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



Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: _____ NDEE Notification #: _____☒ Inspection/Other☐ Compliance Assistance Visit (CAV)☐ Permit Assistance Visit (PAV)Facility/Operation Name: ALLEN, LLC

Address _____

City/Town: MEAD, County Sauwabe, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Ken PetersonInspector Mark Pomajzl Phone No 402-4712936 E-Mail address Mark.Pomajzl@nebraska.gov@nebraska.gov

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

Inspection Date: 4/19/21 Start Time: 10:00 End Time: 11:08a☐ No concerns observed☐ Further agency discussion needed to determine compliance☒ Concerns observed:- Area 1 - ok2 - ok3 - ok4 - ok5 - ok6 - Seepage notedLegions - ok☒ Actions to be performed immediately or as soon as reasonably practical:Fix Seepage problem at EAST Basin.**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.

Mark Pomajzl
Inspector Signature

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

Ken Peterson
Inspection Contact Signature