

Facility: AltEn
IIS: 84069
PCS: NE0137634

Mark Pomajzl
3-22-2021

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 (pumped) |
| 2. Southwest side of the south lagoon | <input checked="" type="radio"/> Yes | No (pumped) |
| 3. West side of the northwest lagoon | <input checked="" type="radio"/> Yes | No (pumped) |
| 4. North side of the north wet cake pile | <input checked="" type="radio"/> Yes | No |
| 5. County Road 10 (Hoop building). | <input checked="" type="radio"/> Yes | No |
| 6. East wet cake pile | <input checked="" type="radio"/> Yes | No (not pumped) |

Comments:

- Wet cake has shifted at the east pile and is now pushing against the berm. I instructed AltEn to install an additional berm to contain potential breaches. Mr. Peterson will provide the Department updates of its installation.
- The facility agreed to continue monitoring the berms and provide daily emails of changes and repairs.
- The facility reinforced the northeast corner of the north cake pile berm. This was requested on Friday March 19, 2021.

B. Lagoons

- Northeast lagoon
 - The south lagoon appears to be equalizing back into the northeast lagoon, photo 6.
 - Teal colored water
 - Appears to be operating at 20 feet, photo 7
- Northwest lagoon
 - Appears to be additional whales, photo 8.
 - Teal colored water
 - Appears to be operating at 18.5 feet, photo 9.



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3. South lagoon

- The lagoon appears to be Equalization back into the northeast lagoon.
- Appears to be operating at approximately 21.5 feet, photo 10.

Notes: • I also inspected the emergency lagoon, photo 11. The facility is pumping the berms into this lagoon. The lagoon appears to have enough capacity for additional discharges, photo 11.

- I then walked to the Biochar and supersack storage area. There are supersacks being stored across the road. There are some damaged supersacks and spillage, photo 12 and 13. The supersacks are not in containment.



Photo: 1

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast of office building

Direction Facing: North

Description: This photo depicts the area northwest of the administration building. The facility installed a berm along a low area which conveys to the southwest side of the south lagoon. The facility has recently pumped the berm into the emergency lagoon.



Photo: 2

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southwest berm

Direction Facing: West

Description: This is the berm on the southwest corner of the south lagoon. The facility has recently pumped stored water into the emergency lagoon.



Photo: 3

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest berm

Direction Facing: West

Description: This is the berm on the northwest corner of the north pile. The berm was observed seeping during the March 19, 2021 visit and has been repaired.



Photo: 4

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West berm

Direction Facing: Northwest

Description: This is the berm located west of the Hoop buildings. The blue hose (arrow) was used to convey water to the emergency lagoon.



Photo: 5

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East Berm

Direction Facing: South

Description: This photo depicts the east berm. The wet cake has shifted against the berm (arrow).



Photo: 6

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: North

Description: This photo depicts the equalization pipe between the south lagoon and northeast lagoon. There is a plume of dark water from the south lagoon.



Photo: 7

Site Visit Report

Date Taken: 3-22-2021

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 northeast lagoon depth marker.



Photo: 8

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: Southwest

Description: This photo depicts possible new whales on the northwest lagoon (arrows).



Photo: 9

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: East

Description: This photo depicts the northwest lagoon depth marker.



Photo: 10

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: West

Description: This photo depicts the south lagoon depth marker.



Photo: 11

Site Visit Report

Date Taken: 3-22-2021

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 west side of the emergency lagoon. The orange hose is used to pump from storm water berms.



Photo: 13

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar

Direction Facing: South

Description: This photo depicts supersacks stored out of the contained area. There is a broken sack on the left side (arrow).



Photo: 14

Site Visit Report

Date Taken: 3-22-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South across from the Biochar unit.

Direction Facing: West

Description: This photo depicts spilled biochar. There is no containment in the area. A rain event could wash piles like this into the storm water conveyance system.

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

NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

Inspection and Assistance Exit Summary

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

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

Facility/Operation Name: ALLEN

Address: 11344 County Rd 10

City/Town: MEAD County: Sandwich State of Nebraska

Owner/Occupant/Operator Inspection Contact(s): Ken Peterson

Inspector: Mark Pomajst Phone No: 402-471-2936 E-Mail address: Mark.Pomajst@nebraska.gov

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

Inspection Date: 9-22-21 Start Time: 9:40 End Time: 10:45 am

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

☐ Concerns observed:

* Southwest beam is damaged down.

* Northwest beam is damaged down.

* East beam needs to be expanded to help contain the pile.

* South, North & Northwest Lagoon are the same as before.

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

East beam pile needs to be expanded to contain wet cake

& remove some water with Horegway.

* Keep on providing photo log on efforts.

* Monitor & keep on record.

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 Pomajst
Inspector Signature

Ken Peterson
Inspection Contact Signature

revised 11/19/19

Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: NEO137634 NDEE Notification #: _____☒ Inspection/Other ☐ Compliance Assistance Visit (CAV) ☐ Permit Assistance Visit (PAV)Facility/Operation Name: AITENAddress 11344 County RD 10City/Town: MEAD, County Sandwich, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Ken PetersonInspector Mark Pomajzl Phone No 402-471-2936 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: ~~9-14~~ 3-22-21 Start Time: 9:40 End Time: 10:45a☐ No concerns observed ☐ Further agency discussion needed to determine compliance☐ Concerns observed:

* Southwest Beams & Pumps down.
* Northwest Beams Pumped down
* EAST Beam needs to be Expanded to help contain the
Pile
* South, North & Northwest Lagoon are the same as before.

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

EAST Burn pile needs to be Expanded to contain wet cake
& remove some water with Horey wagon.
* Keep on providing photos of your efforts.
* Monitor & pump as needed.

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