

115: 84069
PLS: NE0137634

3/18/21 mp ✓

Pomajzl, Mark

From: Pomajzl, Mark
Sent: Thursday, March 18, 2021 2:28 PM
To: Pracheil, Brad; Anderson, Reuel; Ugai, Susan; Stoll, Hillary; Valentine, Kara; Goans, Steve; Windhorst, Jason
Subject: AltEn Site visit (Wednesday)
Attachments: AltEn daily (wednesday).docx

Here is the Wednesday site visit report. There was no evidence of berms overflowing or leaking. That being said I did observe lots of water behind them. I contacted Mr. Peterson today to discuss their plan for predicted rain events for next Monday and Tuesday. Mr. Peterson stated they are going to start pumping today from the east wet cake pile into the emergency lagoon. Mr. Peterson also stated they will be using the honey wagon to reduce water in all other berms. Mr. Peterson will be providing emails that includes photos and berm maintenance.

Let me know if you need anything.

Mark

Mark Pomajzl
Program Specialist
Wastewater NPDES Compliance Unit

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Facility: AltEn
IIS: 84069
PCS: NE0137634

Mark Pomajzl
3-17-2021

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 |
| 2. Southwest side of the south lagoon | <input checked="" type="radio"/> Yes | No |
| 3. West side of the northwest lagoon | <input checked="" type="radio"/> Yes | No |
| 4. West 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 |

Comments:

- The facility has expanded the berm northeast of the administration building.
- The facility expanded the berm near the south lagoon.
- The east wet cake pile berm needs reinforcement. I pointed out the area to Mr. Peterson. Mr. Peterson agreed to add additional material. Mr. Peterson will also begin pumping.
- The facility agreed to continue monitoring the berms and provide daily emails of any changes or repairs.

B. Lagoons

- Northeast lagoon
 - Teal colored water
 - lots of wave action
 - Water from the south lagoon is flowing into the northeast lagoon.
- Northwest lagoon
 - Teal colored water
 - Lots of wave action
 - Water is flowing from the Northeast lagoon into the Northwest lagoon.
 - The "whale" appears smaller today
- South lagoon
 - Operating in the area designated for freeboard
 - The lagoon is full but does not appear to be as full as observed on March 15, 2021.
 - There is no wave action.



Photo: 1

Site Visit Report

Date Taken: 3-17-2021

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 northeast of the administration building. The facility installed a berm along a low area which conveys to the southwest side of the south lagoon. The berm does not appear to be leaking.



Photo: 2

Site Visit Report

Date Taken: 3-17-2021

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 berm southwest of the south lagoon. The facility extended the berm south and west along the fence (arrow). There is no evidence of leaking.



Photo: 3

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North of the hoop building

Direction Facing: Northwest

Description: This photo depicts the berms north of the hoop building. There is water contained behind the berm. The water to left appears to be rain water accumulation (arrow). I did not see evidence of leaking at this time.



Photo: 4

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North of the hoop building

Direction Facing: Northwest

Description: This is a closer photo the berm Northwest of the hoop building. There is water contained behind the berm. The water to left side appears to be rain water accumulation (arrow). I did not see evidence of leaking at this time.



Photo: 5

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East wet cake pile

Direction Facing: Southwest

Description: This photo depicts the berm containment around the east wet cake pile.



Photo: 6

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East wet cake pile

Direction Facing: Southwest

Description: This photo depicts the berm containment around the east wet cake pile. The berm is not breaching at this time but is at capacity. I instructed Mr. Peterson to maintain this area by adding dirt and pumping.



Photo: 7

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East wet cake pile

Direction Facing: Southwest

Description: This photo depicts the berm containment around the east wet cake pile (arrow). The photo depicts the berm from the west side of the water way.



Photo: 7

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North wet cake pile

Direction Facing: West

Description: This photo depicts the northwest corner of the northwest lagoon. There is accumulated water inside the berm. There is also some rainwater accumulation behind the berm (arrow). There is no evidence of leaking at this time.



Photo: 8

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: East

Description: This photo depicts the south lagoon. The lagoon appears lower than it did on Monday March 15, 2021.



Photo: 9

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: North

Description: This photo depicts the south lagoon.



Photo: 10

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: North

Description: This photo depicts a possible tear in the south lagoon liner (arrow). This is located along the south lagoon dike.



Photo: 11

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: East

Description: This photo depicts a torn liner floating against the south dike.



Photo: 12

Site Visit Report

Date Taken: 3-17-2021

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 multiple whales in the northeast lagoon. The whales appear to be slightly smaller today.



Photo: 13

Site Visit Report

Date Taken: 3-17-2021

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 tube between the South and the Northeast lagoon. It appears that the south lagoon is flowing into the northeast lagoon. Notice the difference in color (circle).



Photo: 14

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Between the northeast and south lagoon

Direction Facing: East

Description: This photo depicts the dikes between the northeast and south lagoon. The photo also depicts the equalization tube between the two lagoons. There is lots of wave action in the northeast lagoon while the south lagoon is smooth.



Photo: 15

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Between the northeast and northwest lagoon

Direction Facing: North

Description: This photo depicts between the northeast and northwest lagoon. The photo also depicts the equalization tube..



Photo: 17

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side of the northwest lagoon

Direction Facing: East

Description: This photo depicts the lagoon liner and freeboard.



Photo: 18

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Ethanol loadout

Direction Facing: South

Description: This photo depicts the honey wagon used to transfer water from the storm water containments.



Photo: 19

Site Visit Report

Date Taken: 3-17-2021

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Lift station

Direction Facing: West

Description: This photo depicts the lift station. There is very little water in the transfer box at this time. Mr. Peterson stated that storm water is conveyed through this station. Mr. Peterson also stated that one to two thousand gallons of solids from the new treatment system enters this lift station. The lift station pumps directly to the lagoon system.

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: NE 0137634 NDEE Notification #: _____☐ Inspection/Other ☐ Compliance Assistance Visit (CAV) ☐ Permit Assistance Visit (PAV)Facility/Operation Name: AITENAddress 11344 Canty RoadCity/Town: MEAD, County Saunders, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Scott TingehoffInspector 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: 3/14/21 ^{17 mp.} Start Time: 12:20pm End Time: 2:16pm☐ No concerns observed ☐ Further agency discussion needed to determine compliance☐ Concerns observed: ✓ observations* Northside of main office Building Beem - OK* Southwest side of South Lagoon (Beem) - OK* West side of Northwest Lagoon - OK* West side of Northwest pile - OK* EAST side wet cake pile - OK. However appears to be a weak area @ North of the fence.☒ Actions to be performed immediately or as soon as reasonably practical:- monitor the beams - and provide email- monitor the dikes on the Lagoons & keep us informed & act accordingly of any possible overflows or breaches.**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.

Scott Tingehoff
Inspection Contact Signature