

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

Nebraska Department of Environment and Energy
1200 N St, Suite 400
P.O. Box 98922
Lincoln, Nebraska 68509-8922

DIRECT: 402-471-2936 FAX: 402-471-2909

<http://deq.ne.gov>



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"/> | No |
| 2. Southwest side of the south lagoon | <input checked="" type="radio"/> | No |
| 3. West side of the northwest lagoon | <input checked="" type="radio"/> | No |
| 4. West side of the north wet cake pile | <input checked="" type="radio"/> | No |
| 5. County Road 10 (Hoop building). | <input checked="" type="radio"/> | No |
| 6. East wet cake pile | <input checked="" type="radio"/> | 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

1. Northeast lagoon
 - Teal colored water
 - lots of wave action
 - Water from the south lagoon is flowing into the northeast lagoon.
2. 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
3. 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.