

## **Nebraska Department of Environment and Energy (NDEE)**

### **MEMORANDUM**

**To:** File

**From:** Mark Pomajzl ✓

**Date:** March 2, 2021

**RE:** AltEn, LLC

**NDEE ID:** 84069

**Program ID:** PCS NER910444

**Subject:** Site Visit Report (Stormwater only)

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### **Opening Conference**

Hillary Stoll and Mark Pomajzl (myself) arrived at the AltEn, LLC facility in Mead, Nebraska at about 9:20 AM on March 2, 2021. The weather was about 40 degrees Fahrenheit. Mr. Scott Tingelhoff, Mr. Dean Egr, and Mr. Ken Peterson were all present. We stated that we were conducting a site visit and would like to observe the wastewater lagoons and the easternmost wet cake storage area. At no time was access denied. Mr. Dean Egr accompanied us to the wastewater lagoons and easternmost wet cake storage area. The observations included in this memorandum are only those that are related to stormwater. After the tour, we signed out at the office and left at approximately 10:50 AM.

### **Observation Area 1 (OA1), Map 1**

OA1 is the berm located on the southwest corner of the southeast lagoon, photo 1. There is water accumulation observed due to recent snow melt and rain event. Mr. Egr stated that this area captures water from the west and northwest wet cake piles, photos 2 and 3. I stated I was concerned about the low area depicted in photo 1. Mr. Egr stated that this is where runoff from the west pile enters the berm. I suggested that the berm be built up. Mr. Egr stated that if the berm was built up, runoff flowing from the west pile would not enter the berm. Mr. Egr also stated the berm has a depth of approximately three feet. I asked how they manage collected runoff. Mr. Egr stated depending on weather will pump it down whenever they notice the area becoming full.



## **Observation Area 2 (OA2), Map 1**

OA2 is the east wet cake storage area. This area was recently part of letter of noncompliance (LNC) issued on February 16, 2021. The LNC requested that AltEn install a berm around the east wet cake pile as required in the storm water pollution prevention plan (SWPPP). Mr. Egr stated that he finished the berm late last week. The berm surrounds the pile from the southwest corner to the northeast side and is not compacted, photos 4, 5 and 6. The berm does not completely surround the wet cake pile. There is water accumulation behind the berm and does not appear to be seeping through, photo 7. Mr. Egr stated they will be using a honey wagon to transfer water to the lagoon system.

### **Conclusion:**

In response to the recent LNC, the facility installed a berm around the east wet cake pile. The berm is not compacted but appears to be holding water. There is also water accumulation behind the berm located southwest of the south lagoon. Mr. Egr stated that they pump water from the west berm into the south lagoon. Mr. Egr continued to explain that they will use a honey wagon to transport water from the east storage area to the lagoons.

### **Final Conference and Exit Summary**

Following the site visit and tour, we checked out of the facility office 10:50am. We did not speak to facility management prior to exiting the facility.

## Photo Log



Photo: 1

Site Visit Report

Observation Area: 1

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: West

Description: This photo depicts the southwest berm. This berm is used to capture water from the west and north west wet cake storage area.





Photo: 2

Site Visit Report

Observation Area: 1

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: West

Description: This photo depicts the southwest berm. This photo depicts captured water in the area of the berm.



Photo: 3

Site Visit Report

Observation Area: 1

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: Southwest

Description: This photo depicts captured runoff inside the southwest berm. Notice that the southwest corner appears to be at capacity (arrow).





Photo: 4

Site Visit Report

Observation Area: 2

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: Northeast

Description: This photo depicts the east wet cake pile. The facility recently installed a berm which starts near the southeast corner of the pile (arrow).



Photo: 5

Site Visit Report

Observation Area: 2

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: Northeast

Description: This photo depicts the berm. The berm is constructed of clay and is approximately 3 to 4 foot tall.





Photo: 6

Site Visit Report

Observation Area: 2

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: Northeast

Description: This photo depicts water accumulation on the west of the berm. There is no water seepage noted.



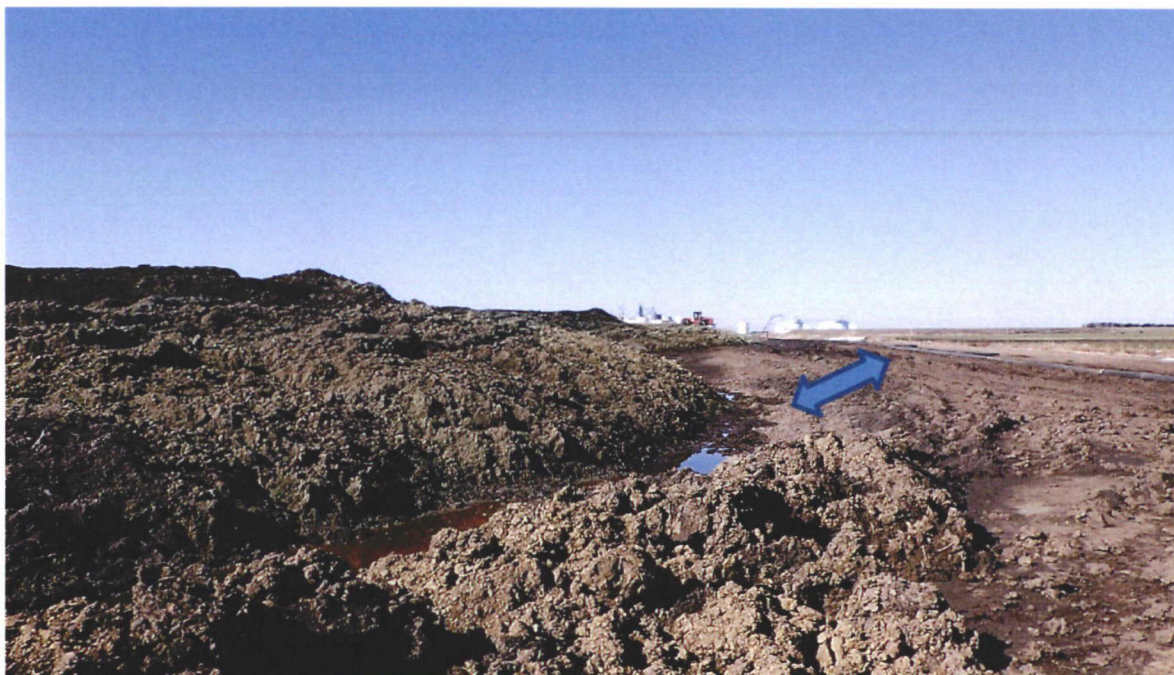


Photo: 7

Site Visit Report

Observation Area: 2

Date Taken: March 2, 2021

Photographer: Mark Pomajzl

Facility Name/Project Name: AltEn, LLC

Facility IIS Number/Project Identifier: NER910444, IIS:84069

Direction Facing: West

Description: This photo depicts the end of the constructed berm. The elevation on the north side does not allow for water to flow north (arrow).

Google Satellite Imagery  
AltEn Energy  
Map 1

