

Facility: AltEn  
IIS: 84069  
PCS: NE0137634

Mark Pomajzl  
4/9/2021

## 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 | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped)  |
| 2. Southwest side of the south lagoon            | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped)  |
| 3. West side of the northwest lagoon             | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not 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 ( <input checked="" type="radio"/> pumped / not pumped) |
| 6. East wet cake pile                            | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped)  |

### Comments:

- The facility has not pumped Areas 1, 2, 3 and 6
- The facility began pumping from Area 3 into the south lagoon while on site. I requested the facility to stop pumping to the south lagoon. I requested the facility to stop because they need to empty the berms into the emergency lagoon.
- Area 3 had not been pumped and I observed seepage.
- Area 4 was not photographed. Nothing of concerned was observed.

### B. Lagoons

- Northeast lagoon
  - No change
- Northwest lagoon
  - No change
- South lagoon
  - The fence on the southeast corner of the lagoon is cut and needs to be mended (not photographed).



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## **C. Biochar Storage**

- The facility continues to relocated biochar supersacks into the south hoop building (approximately 85% moved).
- There are torn bags of biochar near and around the Biochar Process.
- The silt fence used to contain supersacks is not knifed in. The silt fence has fallen down in some locations.

## **D. Sump Pump (see attached google map for location)**

- The pumping system discharges storm water not process wastewater
- There are chemical totes in the containment.
- There are unlabeled chemical totes in the containment.

## Photos



Photos: 1

Site Visit Report

Date Taken: 4-9-21

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 photo depicts Area 1 north of the administration building. The berm is holding storm water at this time.



Photos: 2

Site Visit Report

Date Taken: 4-9-21

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 Area 1. This photo is facing west depicting the new constructed berm. This berm surrounds the south wet cake pile. The berm is only minimally compacted.



Photo: 3

Site Visit Report

Date Taken: 4-9-21

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 photo is a close up of photo 2. The berm is containing water but is over half full. The arrow depicts the berm cannot drain.



Photo: 5

Site Visit Report

Date Taken: 4-9-21

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 photo was taken on the southwest corner of the south lagoon. The facility began pumping the contained water into the south lagoon while onsite. I requested that they stop pumping until they heard from the Department. The facility shut down the pump before I finished the inspection.



Photo: 6

Site Visit Report

Date Taken: 4-9-21

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: Northwest

Description: This photo depicts the berm on the northwest corner of the north lagoon. The water on the forefront appears to be accumulated rainwater from outside the berm.



Photo: 8

Site Visit Report

Date Taken: 4-9-21

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 an open gate. There is nobody working in the lagoon at this time.



Photo: 10

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the map

Direction Facing: Northwest

Description: This photo depicts water contained behind the area 5 berm. The facility has trenched a drainage system from area 5 to area 2 (to the right of this photo). The system appears to drain the area well.



Photo: 11

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the map

Direction Facing: South

Description: This photo depicts seepage (arrow).



Photo: 12

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the map

Direction Facing: South

Description: This photo depicts that berm 1 and 2 are containing water.



Photo: 13

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: North

Description: This photo depicts old bags of biochar.



Photo: 14

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: Northeast

Description: This photo depicts the area where biochar is bagged. There is spilled biochar around the auger system (arrow).



Photo: 14

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: East

Description: This photo depicts the silt fence south of the biochar process. The silt fence is not knifed in.



Photo: 15

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: South

Description: This photo depicts torn and spilled bags of biochar.



Photo: 16

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: Southeast

Description: This photo spilled biochar. Noted the silt fence is not being maintained (arrow).



Photo: 17

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: South

Description: This photo depicts old biochar supersacks. The facility continues to haul supersacks to the south hoop building. There is also spilled biochar (arrow).

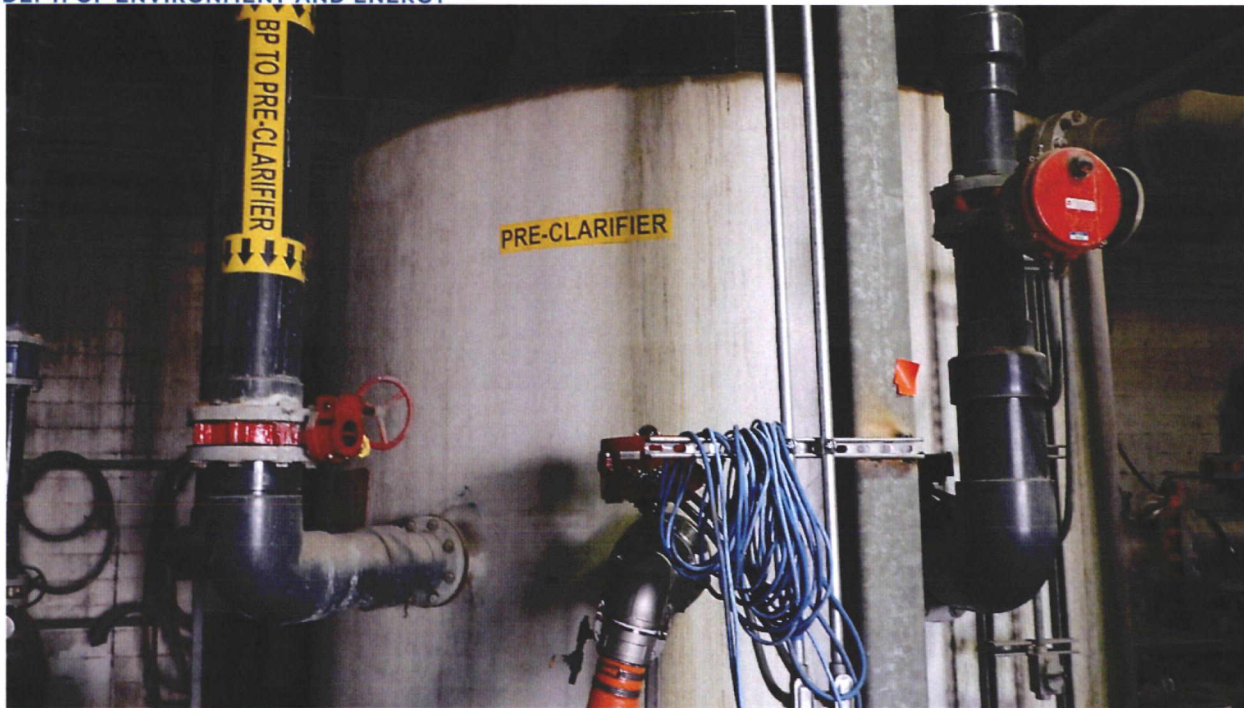


Photo: 18

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system

Direction Facing: West

Description: This photo depicts the pre-clarifier.



Photo: 19

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system (clarifier)

Direction Facing: East

Description: This photo depicts the clarifier located outside.



Photo: 20

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system (clarifier)

Direction Facing: East

Description: This photo depicts a sump pump. The site visit on February 5 documented a discharge from this sump. I documented today the sump pump manually pumps storm water.

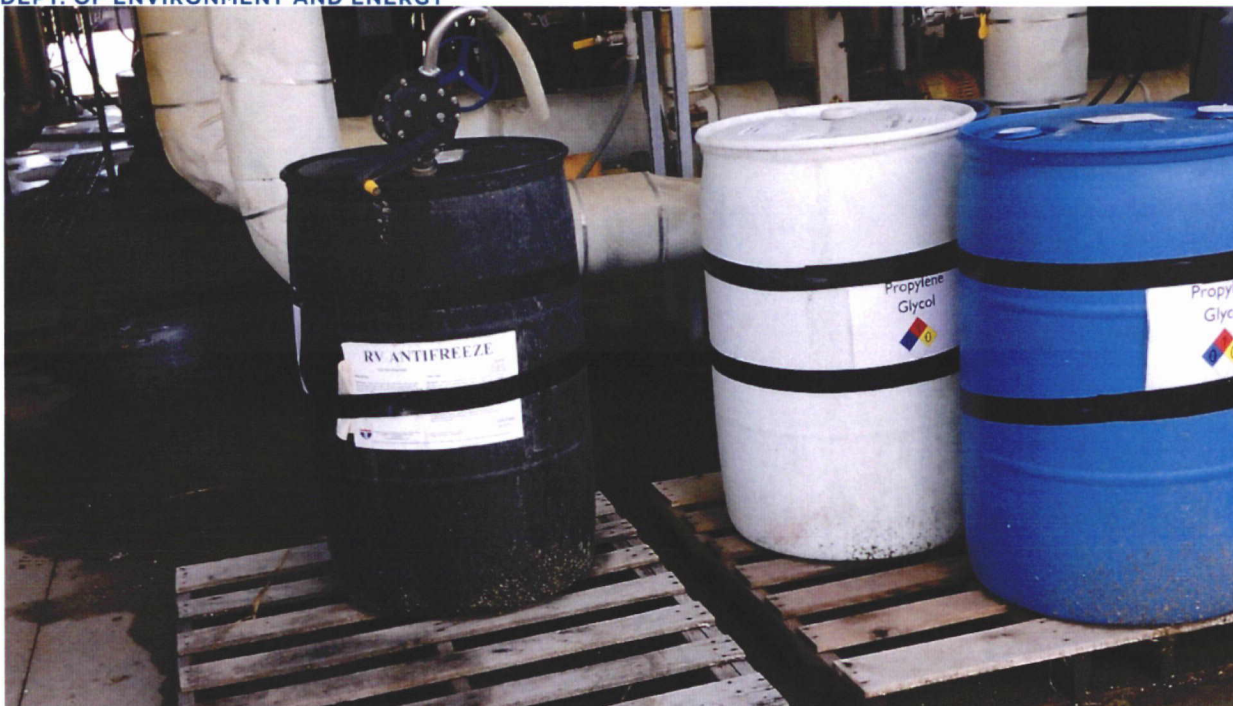


Photo: 21

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system (clarifier)

Direction Facing: East

Description: There are chemical totes stored near the sump pumping area. This photo depicts antifreeze and Propylene Glycol.



Photo: 22

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system (clarifier)

Direction Facing: East

Description: This an unknown chemical tote. The tote contains residual chemical.



Photo: 23

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system (clarifier)

Direction Facing: East

Description: This photo depicts oil and grease (arrow) and a tote of Sulfamic Acid.



Photo: 24

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: County Road 9 and J.

Direction Facing: East

Description: This photo depicts the culvert at County Road 9 and J. The flow appears to be lighter color today.



Photo: 25

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: County Road 9 and J.

Direction Facing: East

Description: This photo depicts the dike between the northeast lagoon and south lagoon.



Photo: 26

Site Visit Report

Date Taken: 4-9-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: Northeast

Description: This photo depicts floating liners in the northeast lagoon.



Photo: 27

Site Visit Report

Date Taken: 4-9-21

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 depth gauge for the northwest lagoon.

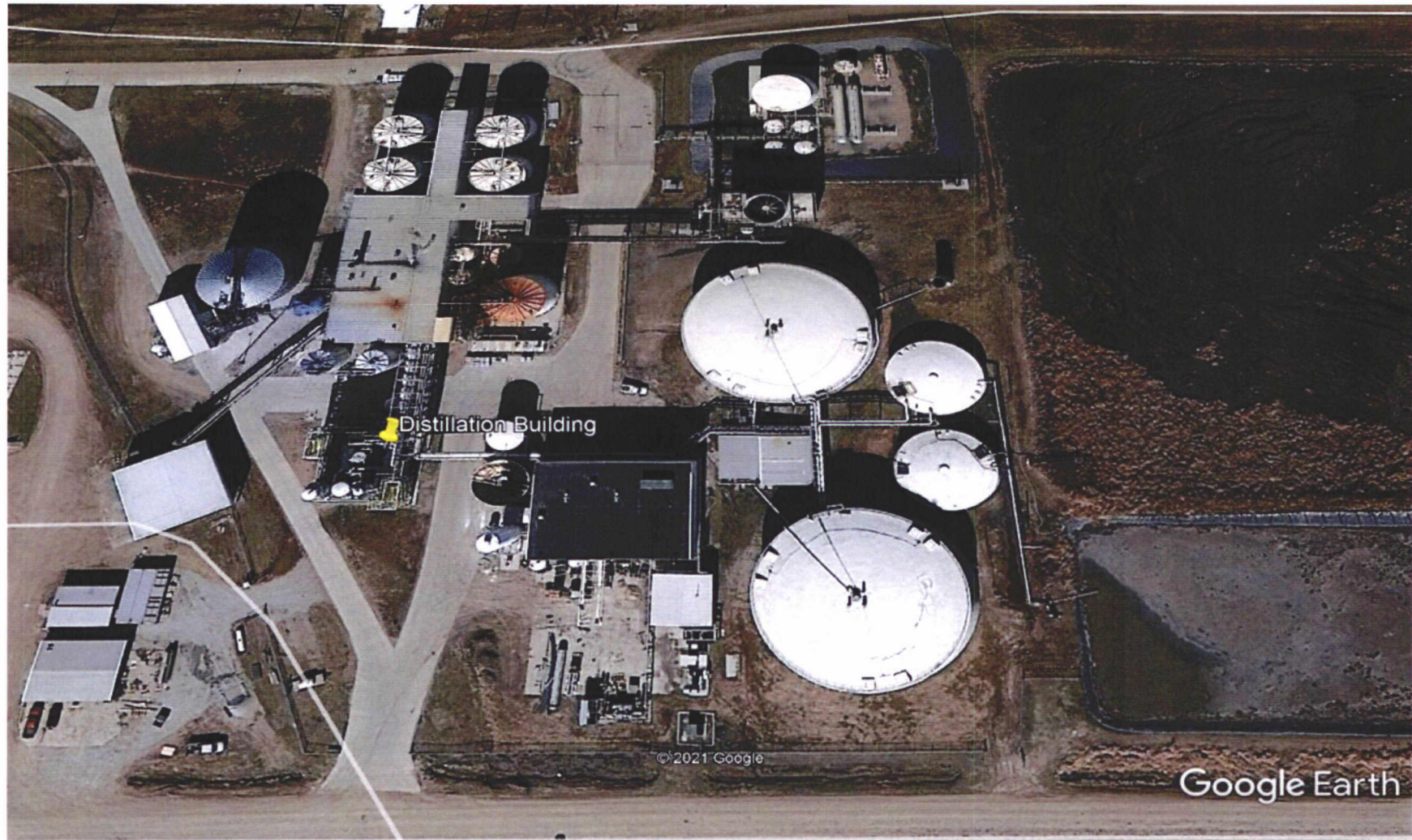
# AltEn LLC - Storm Water Temporary BMP Check Map



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



Sump pump location



## NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

## 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: Aiken, LLC

Address: \_\_\_\_\_

City/Town: MEAD, County: Saunders, State of Nebraska

Owner/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: 4-9-21 Start Time: 10:10am End Time: 12:16pm

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

☒ Concerns observed:

- X Broken bags torn Area 1 - Full needs to be pumped
- X Hose noted in Dist 1/2 Area 2 - Full needs to be pumped
- Area 3 - OK
- Area 4 - OK
- X Fence near meeting Area 5 - OK
- Logan Area 6 - Seepage - Note
- Lagoon - NW - OK Lagoon - South - OK - (Seepage from Area 6)
- NE - OK

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

- STOP Pumping from Area 2 until hear from Department
- Areas 1 & 2 need to be pumped
- Area 6 - Fix seepage
- Broken Area 1/2 to be cleaned up
- Look at spec plan about Seep Pump
- Fence near meeting gate shut

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 11/18/19

## 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: Alco, LLC

Address: \_\_\_\_\_

City/Town: MEAD, County Saunders, 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: 4-9-21 Start Time: 10:12am End Time: 12:16pm☐ No concerns observed☐ Further agency discussion needed to determine compliance☒ Concerns observed:

- X Brochan Bags torn. Area 1 - Full needs to be pumped
- Hose noted in Distillation Area 2 - Full needs to be pumped
- Area 3 - OK
- Area 4 - OK
- X Fence near meeting corner. Sinker Area 5 - OK
- Area 6 - Seepage noted
- Lagoon - NW - OK Lagoon - South - OK - (to Fault, pumping from Area 2)
- " NE - OK

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

- STOP pumping from Area 2 until hear from Department
- Areas 1 & 2 need to be pumped
- Area 6 - Fix seepage
- Brochan Area needs to be cleaned up.
- Look at SPC plan about Sump pump.
- Fence near meeting / gate shut.

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.

Inspector Signature

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

Inspection Contact Signature

revised 11/19/19