

Facility: AltEn, LLC

IIS: 84069

PCS: NE0137634

Mark Pomajzl

5/7/2021

**Site Visit Check list**

Weather conditions: Clear skies

Temperature: 55 F

Wind: Northwest 5-10 (MPH)

Precipitation: 0.00

**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 – No water accumulation                                |
| 5. County Road 10 (Hoop building).               | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped) |
| 6. East wet cake pile                            | <input checked="" type="radio"/> Yes | No (pumped / <input checked="" type="radio"/> not pumped) |

**Comments:**

- Area 1 contains two berms. The east berm has been expanded to prevent parking lot water from entering the berm area.
- Areas 2, 3, 4 and 5 has some water accumulation. Clean Harbors has added dirt around areas 2, 4 and 5.
- Clean Harbors is constructing berms around Area 6. The berm will surround the pile, see photos 12 through 19.

**B. Lagoons**

1. Northeast lagoon
  - No change with the liners.
  - The water level continues to lower.
2. Northwest lagoon
  - The water level is starting to drop below the equalization pipe. The lagoon continues to lower.



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3. South lagoon

- The water level continues to lower. The equalization pipe is visible.

**C. Biochar**

- Spilled biochar product.
- Trash and debris observed.

**D. Notes**

- There is residual seed on the ground near the grain storage area.
- Three supersacks of grain and chaff was observed at the grain storage area. Mr. O'Brien placed them in the Hoop building before I concluded the inspection.

\* The facility is pumping from the emergency lagoon into the Industrial northwest lagoon. Mr. Matt O'Brien stated that the emergency lagoon is near freeboard and they need to free up room. Mr. O'Brien stated they had started pumping three days ago and that they are pumping approximately .060 MGD. I also observed pooled water near the pumping station. I asked Mr. O'Brien about the pooled water. Mr. O'Brien stated the industrial line is leaking underground. Mr. O'Brien stated the leak should be fixed today. Clean Harbors has installed a berm to contain the leak, see photos 22 through 24.

## Photos



Photo: 1

Site Visit Report

Date Taken: 5-7-21

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: Northeast

Description: This is the west berm. There is no water accumulation.





Photo: 2

Site Visit Report

Date Taken: 5-7-21

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: East

Description: This is the west berm. This part of the berm expands to west side of the south wet cake pile. There is minor water accumulation and no signs of seepage.





Photo: 3

Site Visit Report

Date Taken: 5-7-21

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: South

Description: This is the original east berm. There is only minor water accumulation and no signs of seepage.



Photo: 4

Site Visit Report

Date Taken: 5-7-21

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: The facility is adding addition dirt (arrow). There is some water accumulation and no signs of seepage.





Photo: 5

Site Visit Report

Date Taken: 5-7-21

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: West

Description: The facility has added additional dirt (arrow). There are no signs of seepage.





Photo: 6

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 4 on the site map

Direction Facing: East

Description: The facility has added dirt. There is no water accumulation.



Photo: 7

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Between Area 3 and 4 on the site map

Direction Facing: East

Description: The facility has added dirt along the north side of the north wet cake pile. This photo depicts that the berm is not compacted.



Photo: 8

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the site map

Direction Facing: North

Description: This photo depicts the area 5 berm. Clean Harbors had added additional dirt. The berm is not compacted. There is no seepage observed.





Photo: 9

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the site map

Direction Facing: East

Description: This photo depicts the area 5 berm. Clean Harbors has added additional berm on the south side of Area 5.



Photo: 10

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the site map

Direction Facing: Southeast

Description: This photo depicts extra soil used for area 5.



Photo: 11

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 5 on the site map

Direction Facing: South

Description: This photo depicts addition soil added on the north side of Area 5. The berm is not compacted.





Photo: 12

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: South

Description: This photo depicts the new compacted berm along Area 6.



Photo: 13

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: South

Description: This photo depicts a heavy equipment operator compacting the berm on the north side.





Photo: 14

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: South

Description: This photo depicts the north side of the berm. This area was not compacted during the inspection. I took this photo while standing in the waterway north of Area 6.





Photo: 15

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: South

Description: This photo depicts the west side. Clean Harbors is expanding the berm around the pile.



Photo: 16

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: North

Description: This photo depicts the southside near the fence. There is some water accumulation and no signs of seepage.





Photo: 17

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: West

Description: This photo depicts tracks from a small skid-steer loader. Clean Harbors is using a skid-steer to compact the berm.





Photo: 18

Area 6 (5-3-21)

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Area 6 on the site map

Direction Facing: North

Description: This photo depicts the difference the berms from 5-3 to 5-7 2021.



Photo 19



The left and bottom photo depicts the new berm. The berm is not completed but will cover the north side. The top right photo was taken on May 3, 2021 and depicts no berm and residual wet cake.



Photo: 20

Site Visit Report

Date Taken: 5-7-21

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 finder.





Photo: 21

Site Visit Report

Date Taken: 5-7-21

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 the northwest lagoon depth finder.





Photo: 22

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Force main that leads to the northwest lagoon

Direction Facing: Southeast

Description: This photo depicts a recently constructed berm. The berm is used to control a leak from the force main. The facility is pumping from the emergency lagoon into the Industrial lagoons.



Photo: 23

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Force main that leads to the northwest lagoon

Direction Facing: Southeast

Description: This photo depicts a recently constructed berm. The berm is used to control a leak from the force main. This photo depicts the size of the constructed berm.





Photo: 24

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Force main that leads to the northwest lagoon

Direction Facing: Northeast

Description: This photo depicts an underground leak. I observed water rising and flowing in this area (arrow)





Photo: 25

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Emergency lagoon

Direction Facing: Northeast

Description: This photo depicts an unknown pipe.



Photo: 26

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Emergency lagoon

Direction Facing: Southeast

Description: This photo depicts the discharge from Clean Harbors.





Photo: 27

Site Visit Report

Date Taken: 5-7-21

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 south side of the emergency lagoon.

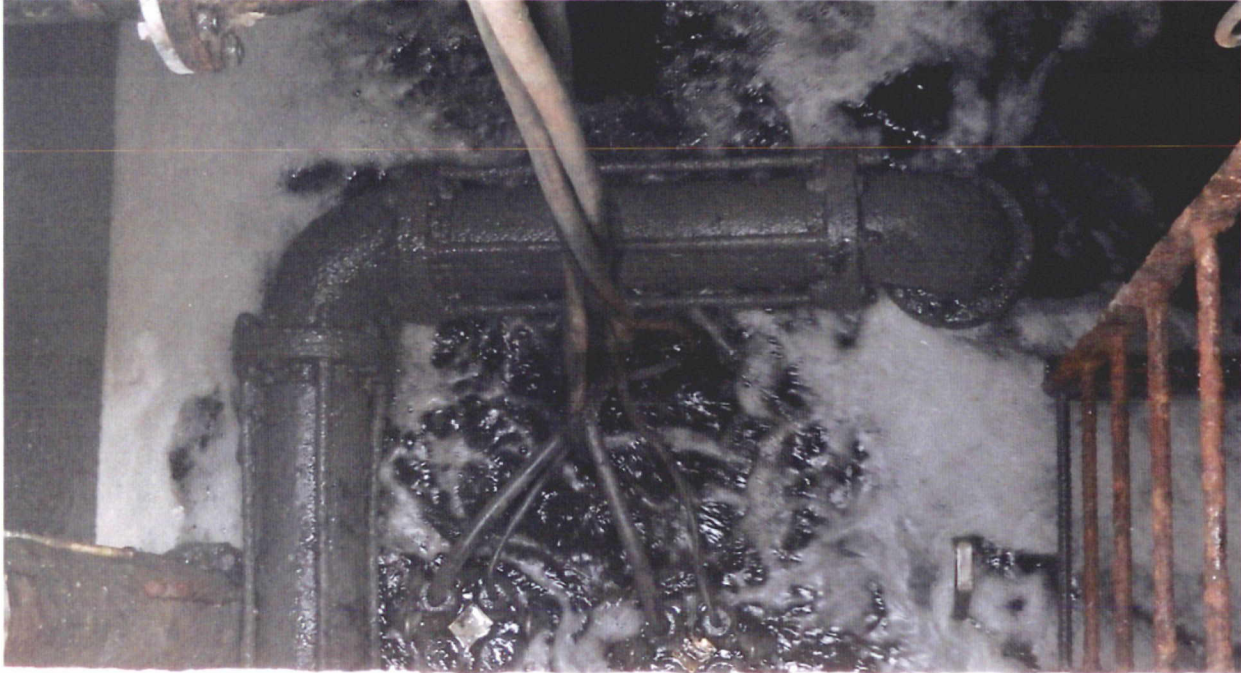


Photo: 28

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Industrial sump

Direction Facing: East

Description: This photo depicts emergency lagoon water entering the Industrial sump.





Photo: 29

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Industrial sump

Direction Facing: Northeast

Description: This photo depicts a hose that is connected from the Beer Well tank. The hose is not discharging.



Photo: 30

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Industrial sump

Direction Facing: Southeast

Description: This photo depicts a hose that is connected from the Beer Well tank. The valve is off (arrow).





Photo: 31

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar unit (Google Map)

Direction Facing: West

Description: This photo depicts spilled biochar.



Photo: 32

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar unit (Google Map)

Direction Facing: West

Description: This photo depicts spilled biochar.





Photo: 33

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar unit (Google Map)

Direction Facing: Southwest

Description: This photo depicts the silt fence installed to control biochar spillage.

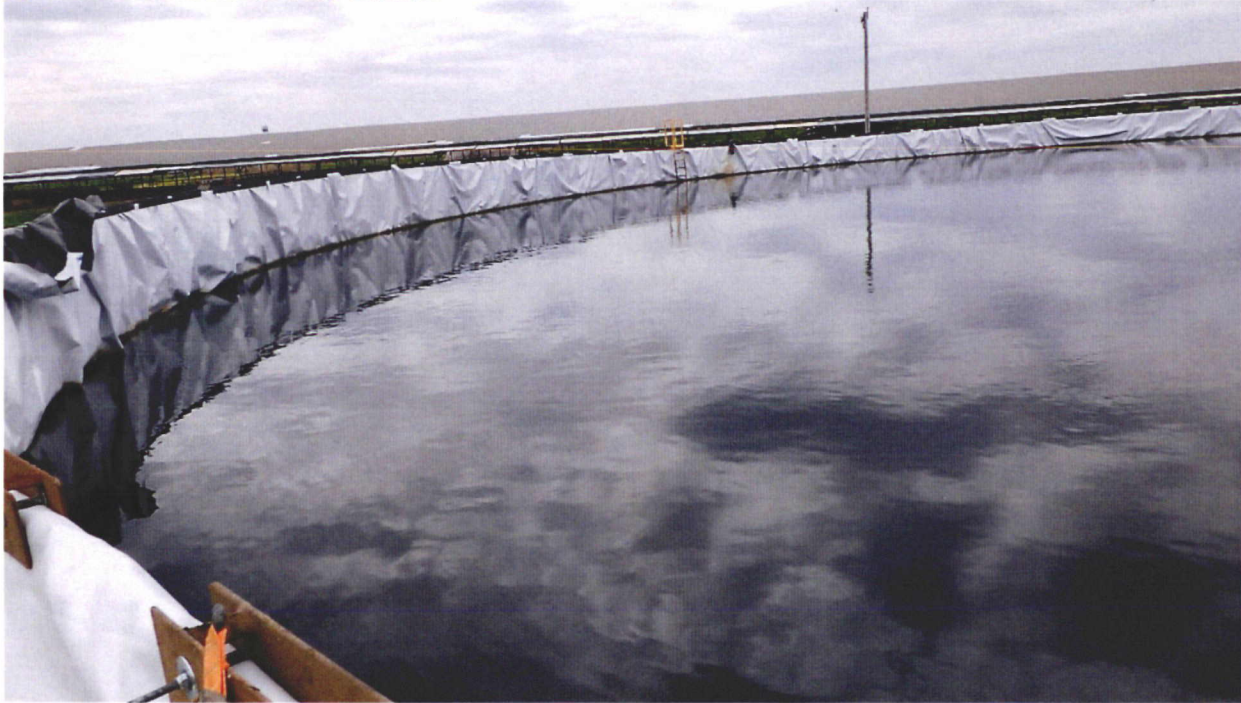


Photo: 34

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West Poseidon tank

Direction Facing: Southwest

Description: This photo depicts the level in the Poseidon tank.



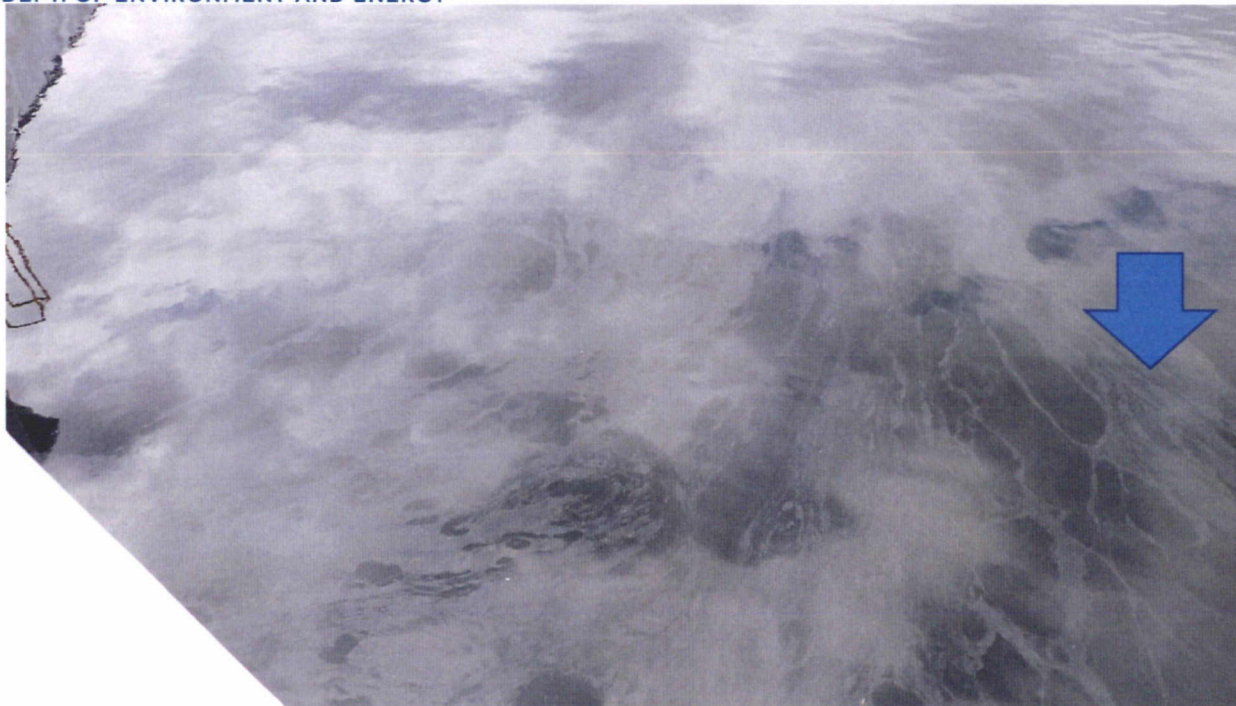


Photo: 35

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Middle Poseidon Tank

Direction Facing: Southwest

Description: This photo depicts an oil sheen.



Photo: 36

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Clean Harbors chemical storage area (Google Map)

Direction Facing: North

Description: This photo depicts spilled carbon source used for treatment.





Photo: 37

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Clean Harbors chemical storage area (Google Map)

Direction Facing: North

Description: This photo depicts empty chemical totes. There is spilled chemical exposed to the environment (arrow). The placard states the chemical is corrosive (arrow).



Photo: 38

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Clean Harbors chemical storage area (Google Map)

Direction Facing: North

Description: This photo depicts empty chemical totes. There is spilled chemical exposed to the environment (arrow). The placard states the chemical is corrosive (arrow).





Photo: 39

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East Poseidon Tank

Direction Facing: East

Description: This photo depicts the water level in the east Poseidon tank.



Photo: 40

Site Visit Report

Date Taken: 5-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North of distillery (Google Map)

Direction Facing: East

Description: This photo depicts an attached hose without containment.





Photo: 41

Site Visit Report

Date Taken: 5-7-21

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: West

Description: This photo depicts the culvert at County Road 9 and J. The water is stationary today and no odor observed.



## AltEn LLC - Storm Water Temporary BMP Check Map



Temporary  
Berm

AltEn East SW Flowline

SWOP

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

500 250 0 500 1,000 1,500 2,000 Feet



Google Map



## Inspection and Assistance Exit Summary

NDEE ID: 84069 NDEE Program & ID: NE0137634 NDEE Notification #: \_\_\_\_\_

Inspection/Other ☒ yes Compliance Assistance Visit (CAV) ☐ no Permit Assistance Visit (PAV) ☐ no

Facility/Operation Name: AltEn, LLC

Address: 11344 County Road 10

City/Town: Mead County: Saunders

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

Inspection Date: 5-7-21 Start Time: 10:00am End time: 11:08 am

Inspector: Mark Pomajzl Phone #: 1-402-471-2936 Email Address: mark.pomajzl@nebrasaka.gov

Concerns observed: Yes

Further Agency discussion needed to determine compliance: none

### Comments:

Area 1 - Ok

Area 2 - Ok

Area 3 - OK

Area 4 - OK

Area 5 - OK

Area 6 - Seepage noted

Lagoon - OK

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

- Fix seepage problem at the east berm.

**Please notify the inspection when the above actions are completed.**

The Department will provide the 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 of the documented concerns will be considered in assessment of your voluntary compliance the summary was left with: Email . Please contact your inspector if you have any questions concerning this inspection and assistance exit summary.

Singing this document is not an admission of liability by the facility

Inspector: Mark Pomajzl

Inspection Contact Signature: \_\_\_\_\_

