

Facility: AltEn, LLC
IIS: 84069
PCS: NE0137634

Mark Pomajzl
5/21/2021

Site Visit Check list

Weather conditions: Party cloudy
Temperature: 65 F
Wind: South 15-25 (MPH)
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 (<input checked="" type="radio"/> pumped / not pumped) |
| 3. West side of the northwest lagoon | <input checked="" type="radio"/> Yes | No (<input checked="" type="radio"/> pumped / 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 | Trenched to Area 2 |
| 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. The east berm contains older water which is green.
- Areas 2 has minor water accumulation.
- Area 3 is in good condition. No seepage observed.
- Area 4 is in good condition. No seepage observed.
- Area 5 is in good condition. No seepage observed.
- Clean Harbors has finished the berm around the Area 6 pile. One of the totes used to transfer water has residual corrosive chemical dried on the tote. The chemical is actively flaking off, see photo log.

B. Lagoons

- Northeast lagoon
 - No change with the liners.
 - The water level continues to lower.
 - The facility is recirculating water from the pumping station into the northeast lagoon.
 - Vegetation is growing fast around the lagoon.



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2. Northwest lagoon

- The water level is below the equalization pipe.
- Vegetation is growing fast.

3. South lagoon

- Vegetation is beginning to take over the south and east dike. These areas are becoming a hazard for tripping and falling.

C. Biochar

- Spilled biochar product.
- The area continues to contain trash and debris.

D. Notes

- × The facility is moving wet cake on the south side of the northwest lagoon, see photos.
- × Vegetation is becoming a problem. I observed an increasing amount of vegetation along the south lagoon dikes.
- × Vegetation is also growing fast along the storm water ditch south of the digester and Biochar Process.

Photos



Photo: 1

Site Visit Report

Date Taken: 5-21-21

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 is the newest of the berms in area 1.



Photo: 2

Site Visit Report

Date Taken: 5-21-21

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: Green water observed in the area 1 dike.



Photo: 3

Site Visit Report

Date Taken: 5-21-21

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: Southwest

Description: There is some minor water accumulation.



Photo: 4

Site Visit Report

Date Taken: 5-21-21

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: There is some minor water accumulation.



Photo: 5

Site Visit Report

Date Taken: 5-21-21

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: Area 4 and 5 are interconnected.



Photo: 6

Site Visit Report

Date Taken: 5-21-21

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: There is no seepage observed.



Photo: 7

Site Visit Report

Date Taken: 5-21-21

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: Clean Harbors has removed the piping for draining area 5. They had trenched drainage to area 2.



Photo: 8

Site Visit Report

Date Taken: 5-21-21

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 the south side of area 6. There is no seepage observed.



Photo: 9

Site Visit Report

Date Taken: 5-21-21

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 west side of area 6. There is no seepage observed.



Photo: 10

Site Visit Report

Date Taken: 5-21-21

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: East

Description: This photo depicts the north side of area 6.



Photo: 11

Site Visit Report

Date Taken: 5-21-21

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: Southwest

Description: This photo depicts the north side of area 6. These are empty totes used to transport water to the emergency lagoons when needed. This photo also depicts residual chemical on one of the totes (arrow). Photo 12 depicts the residual chemical.



Photo: 12

Site Visit Report

Date Taken: 5-21-21

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: Southwest

Description: This photo depicts the north side of area 6. This photo depicts residual chemical. The tote is stained with flaking off chemical. The chemical is a corrosive (circle).



Photo: 13

Site Visit Report

Date Taken: 5-21-21

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 depth finder in the northwest lagoon.



Photo: 14

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: South

Description: This photo depicts excessive vegetation along the east dike.



Photo: 15

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: South

Description: This photo depicts excessive vegetation along the east dike.



Photo: 16

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: South

Description: This photo depicts excessive vegetation along the east dike. The vegetation is about chest high in places.



Photo: 17

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: South

Description: This photo depicts excessive vegetation along the south dike. The vegetation is about chest high in places.



Photo: 18

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: South

Description: The orange hose in the forefront (arrow) is the used to transport water from the lagoon to the treatment system. It is becoming difficult to inspect due to weed coverage.



Photo: 19

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar

Direction Facing: East

Description: This photo depicts the Biochar Process. The BMPs that are installed have failed.



Photo: 20

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar

Direction Facing: North

Description: This photo depicts the south side of the Biochar Process. There is old residual biochar spilled on the pad. There is no BMP installed to control runoff from this.



Photo: 21

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar

Direction Facing: North

Description: This photo depicts the south side of the Biochar Process. This is the old silt fence.



Photo: 22

Site Visit Report

Date Taken: 5-21-21

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 that the levels have been dropped.



Photo: 23

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West Poseidon tank

Direction Facing: West

Description: This photo depicts the water level.



Photo: 24

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Middle Poseidon tank

Direction Facing: Northwest

Description: This photo depicts the water level.



Photo: 25

Site Visit Report

Date Taken: 5-21-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

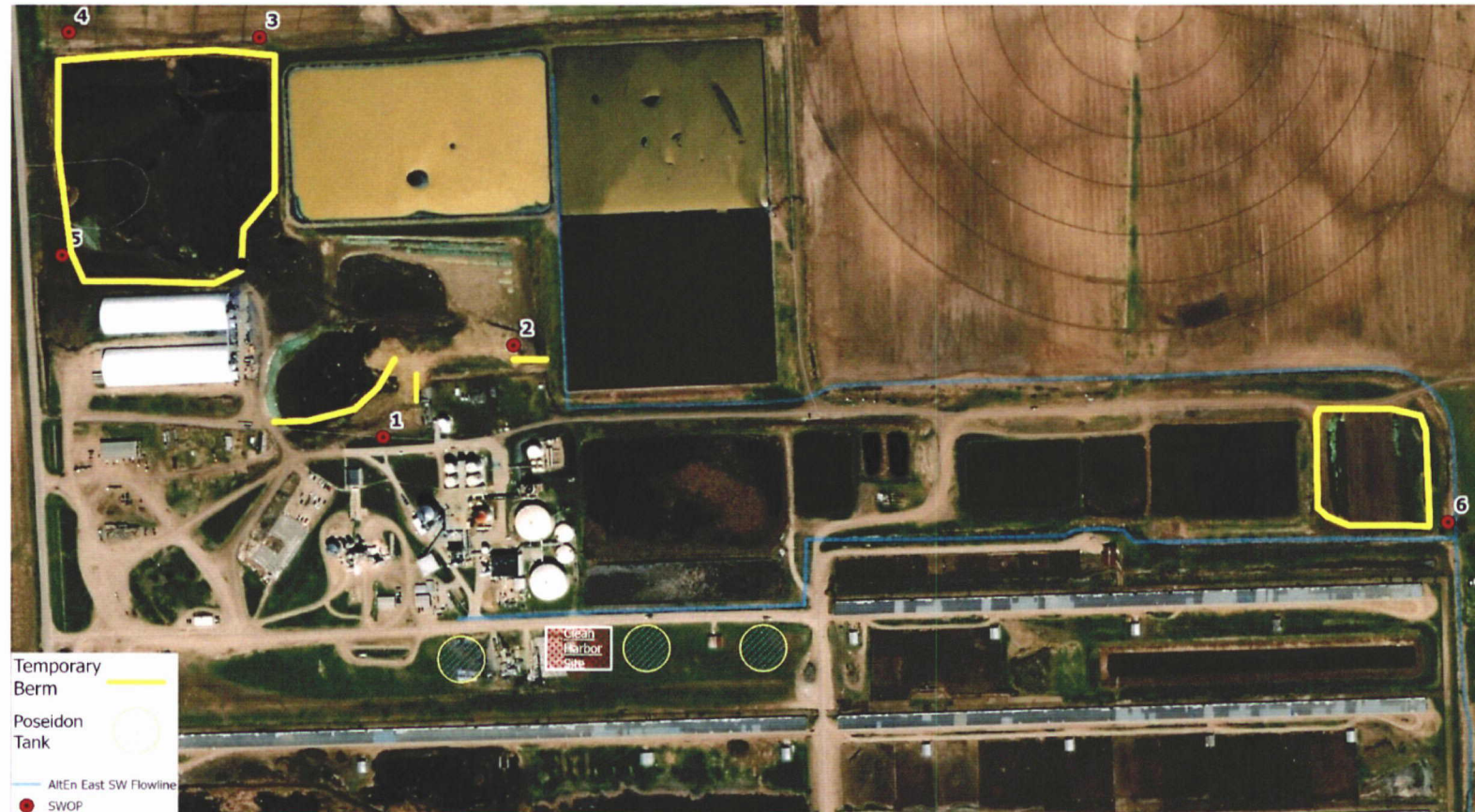
Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: East Poseidon tank

Direction Facing: South

Description: This photo depicts the water level.

AltEn LLC - Storm Water Temporary BMP Check Map



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

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

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): Scott Tingelhoff/Mary Tingelhoff

Inspection Date: 5-21-21 Start Time: 9:30 am End time: 11:05 am

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

Concerns observed:

Further Agency discussion needed to determine compliance: none

Observations: X

Comments:

Area 1 - Ok

Area 2 - Ok

Area 3 - OK

Area 4 - OK

Area 5 - OK

Area 6 - OK

The facility continues to move wet cake from the south side of the northwest lagoon to the northwest wet cake pile.

× Vegetation is up to the inspector's chest on the east and south dikes of the south lagoon. Vegetation is growing fast along all the lagoon dikes.

× The orange hose used to pump water from the lagoon system is hard to see due to vegetation. It is difficult to inspect the hose for leaks.

× The Biochar does not contain BMP's. (Clean Harbors stated that the area had been too muddy to install BMPs. They will be using a Ditch Witch for trenching and have the BMP installed they believe today or this weekend)

Lagoons – no change

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

× Manage vegetation around lagoons

× Install BMP's around the Biochar.

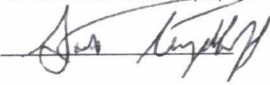
Please notify the inspection when the above actions are completed.

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: _____

A handwritten signature in black ink, appearing to be "Dan Kimpf", written over a horizontal line.