

Facility: AltEn, LLC

IIS: 84069

PCS: NE0137634

Mark Pomajzl

6/7/2021

Site Visit Report

Weather conditions: Clear, Warm

Temperature: 90 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 | Yes | No (pumped / not pumped) |
| 2. Southwest side of the south lagoon | Yes | No (pumped / not pumped) |
| 3. West side of the northwest lagoon | Yes | No (pumped / not pumped) |
| 4. North side of the north wet cake pile | Yes | No – No water accumulation |
| 5. County Road 10 (Hoop building). | Yes | No longer trenched to area 2. |
| 6. East wet cake pile | Yes | No (pumped / not pumped) |

Comments:

- Area 1: There is only one berm left in this area which is used for the west wet cake pile.
- Area 2: Good condition
- Area 3: Good condition
- Area 4&5: These areas are interconnected and trenched to an area north of the north hoop building. The trench no longer empties into area 2 for pumping.
- Area 6: There is minor seepage observed.

B. Lagoons (Clean Harbors is not pumping from the lagoons at this time, the treatment facility is at capacity)

- Northeast lagoon
 - Vegetation is becoming a tripping hazard.
 - No change in the liners.
- Northwest lagoon
 - Vegetation is growing fast.
 - No change in the liners.
 - There is bright green colored sludge floating along the north dike.



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3. South lagoon

- Vegetation is beginning to take over the south and east dike.

C. Biochar

- Clean Harbors has installed a new silt fence (trenched in). Clean Harbors installed additional silt fence on the south side which contains the spilled product. The silt fence is trenched in.
- Clean Harbors also installed straw socks on the west end to prevent contain biochar spilled product and residual wet cake.

D. Notes

- × Clean Harbors has completed transferring wet cake and is now beginning to lay fabric underlayment for the Poseidon tank farm.
- × Vegetation is becoming a problem. I observed an increasing amount of vegetation along all the lagoon dikes which is becoming a tripping/falling hazard.
- × Clean Harbors is near completion of moving treatment equipment to the north side of the property.
- × There are lots of iron and heavy equipment lined up on the north side of the facility. Big Iron is conducting the auction.
- × The original Poseidon tanks are different colors. The west is a light pink color, middle is a black and the east is a dark pink/magenta. Clean Harbors staff do not have an explanation for the color difference but they do believe it to be biological not chemical.

Photos



Photo: 1

Site Visit Report

Date Taken: 6-7-21

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: The original berm is gone only this ruminant remains. This berm prevents water from the parking lot from entering the berm area.



Photo: 2

Site Visit Report

Date Taken: 6-7-21

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: West

Description: This is the west berm of area 1. There is only minor water accumulation observed.



Photo: 3

Site Visit Report

Date Taken: 6-7-21

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: This is area 2. There is no water accumulation observed.



Photo: 4

Site Visit Report

Date Taken: 6-7-21

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: Southwest

Description: Clean Harbors has completed the wet cake transfer from the south location to the north location. The berm is closed to prevent water from entering the Poseidon tank farm.



Photo: 5

Site Visit Report

Date Taken: 6-7-21

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: Southwest

Description: No seepage observed.



Photo: 6

Site Visit Report

Date Taken: 6-7-21

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: South

Description: Area 4 is now connected to area 5. No seepage observed.



Photo: 7

Site Visit Report

Date Taken: 6-7-21

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 is the area 4 and 5 trench. This trench discharges north of the north hoop building which is depicted better in photo 8.



Photo: 8

Site Visit Report

Date Taken: 6-7-21

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 is the area 4 and 5 trench. This photo depicts the end of the trench. The trench ends directly north of the north hoop building. The blue hose (arrow) is used to transfer water to the emergency lagoon.



Photo: 9

Site Visit Report

Date Taken: 6-7-21

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 is the east dike of area 6.



Photo: 10

Site Visit Report

Date Taken: 6-7-21

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 minor seepage on the east berm.



Photo: 11

Site Visit Report

Date Taken: 6-7-21

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 the hose used to transfer water to totes and then the emergency lagoon.



Photo: 12

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: West

Description: This photo depicts the depth marker for the northeast lagoon.



Photo: 13

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: East

Description: Depth gauge for the northwest lagoon.



Photo: 14

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South lagoon

Direction Facing: West

Description: Depth gauge for the south lagoon.



Photo: 15

Site Visit Report

Date Taken: 6-7-21

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 bright green floating sludge.



Photo: 16

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge (arrow).

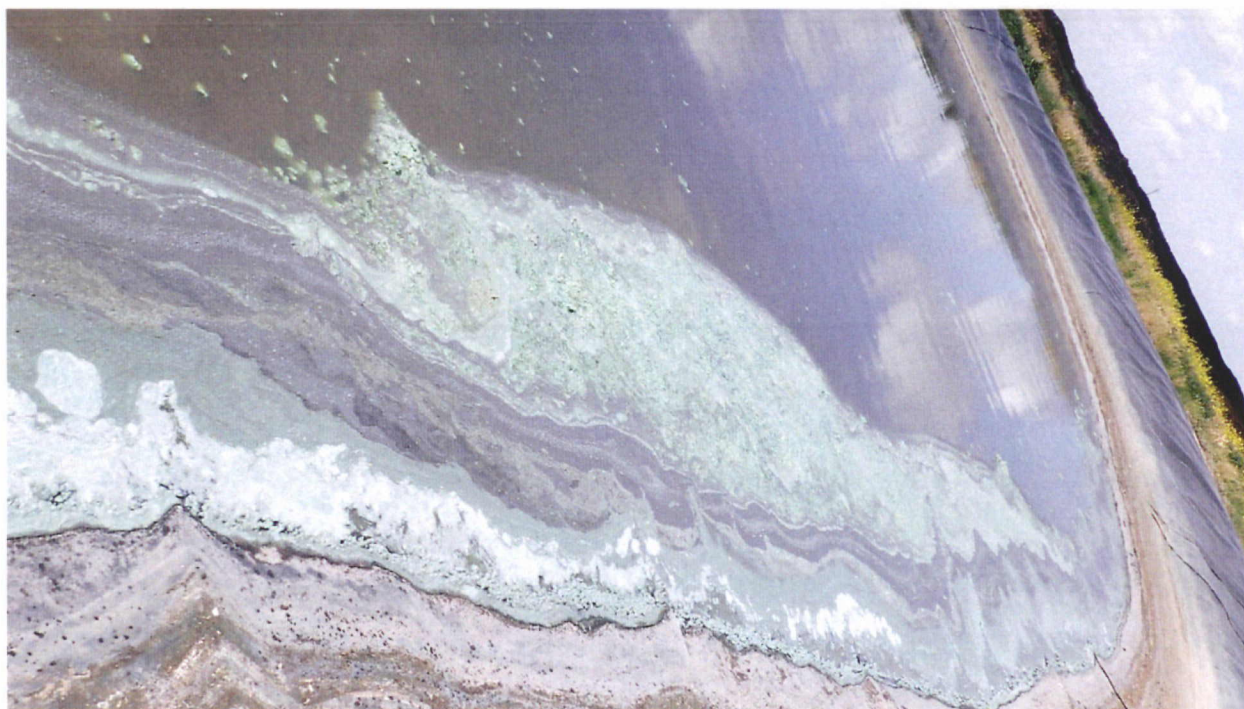


Photo: 16

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge.



Photo: 17

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge.



Photo: 18

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge.



Photo: 19

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge.

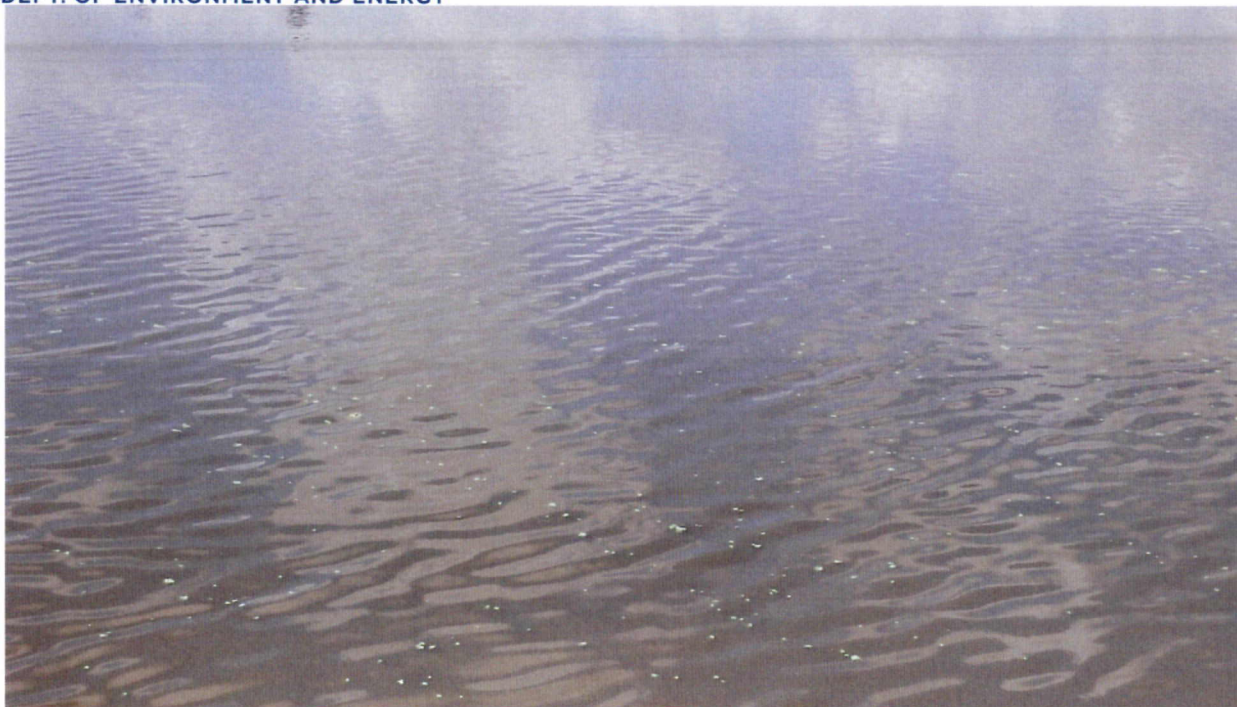


Photo: 20

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge.



Photo: 21

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: South

Description: This photo depicts bright green floating sludge.



Photo: 22

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast/south lagoon

Direction Facing: East

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



Photo: 23

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest equalization pipe

Direction Facing: South

Description: This photo depicts the equalization pipe.



Photo: 24

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast equalization pipe

Direction Facing: South

Description: This photo depicts the equalization pipe.

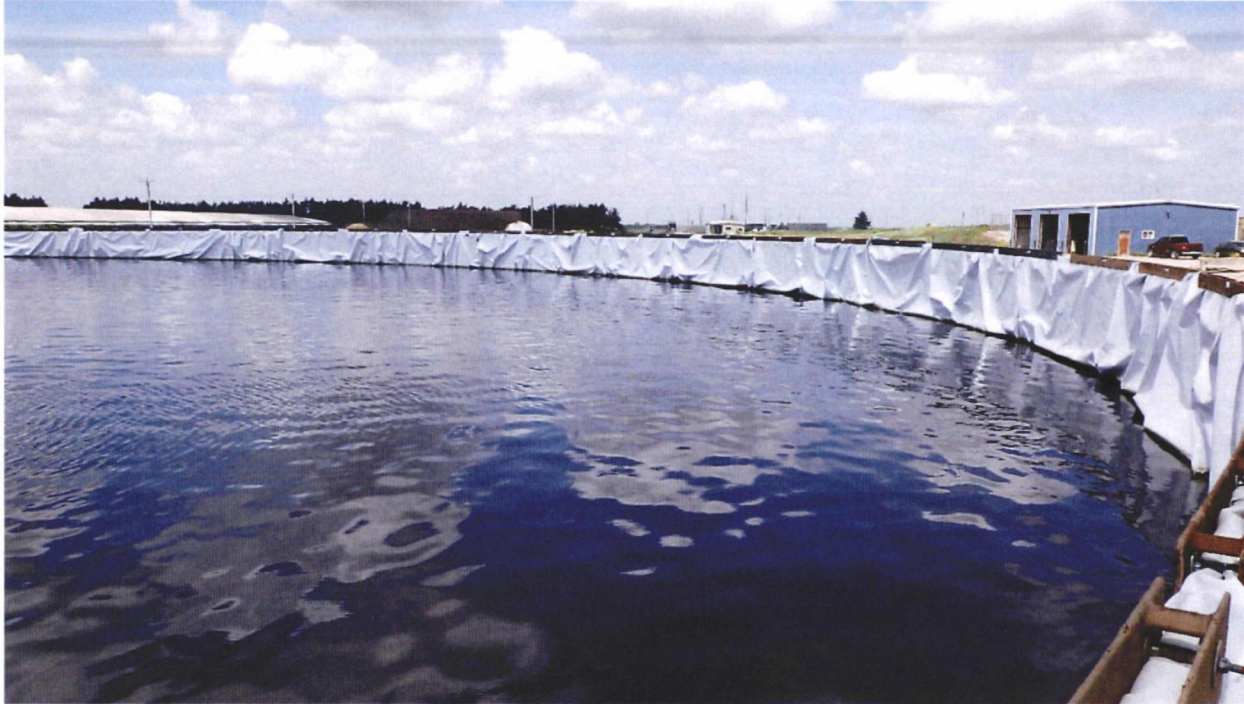


Photo: 25

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: West Poseidon tank

Direction Facing: West

Description: This photo depicts that the water color is beginning to turn pink.



Photo: 25

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Middle Poseidon tank

Direction Facing: West

Description: This photo depicts black water color.



Photo: 26

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: East Poseidon tank

Direction Facing: South

Description: This photo depicts a dark pink/magenta color.



Photo: 27

Site Visit Report

Date Taken: 6-7-21

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 that Clean Harbors has added straw socks to prevent biochar product runoff.



Photo: 28

Site Visit Report

Date Taken: 6-7-21

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 new silt fence which is trenched in (arrow).



Photo: 29

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: West

Description: This photo depicts the new silt fence and straw socks to prevent runoff from the biochar product.



Photo: 30

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar Process

Direction Facing: West

Description: The new silt fencing appears to contain all the spilled product.



Photo: 31

Site Visit Report

Date Taken: 6-7-21

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 lagoon depth.



Photo: 32

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: North side of the production area.

Direction Facing: South

Description: This photo depicts the treatment system. Clean Harbors has been preparing for the treatment area.



Photo: 33

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South of the northwest lagoon

Direction Facing: South

Description: This photo depicts workers laying underlayment for Poseidon tank farm.



Photo: 34

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South of the northwest lagoon

Direction Facing: Southwest

Description: This photo depicts workers laying underlayment for Poseidon tank farm.



Photo: 35

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South of the northwest lagoon

Direction Facing: South

Description: This photo depicts workers moving soil and earth for the Poseidon tank farm.



Photo: 36

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South of area 1

Direction Facing: South

Description: This photo depicts the equipment to be sold on Big Iron Auctions.



Photo: 37

Site Visit Report

Date Taken: 6-7-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

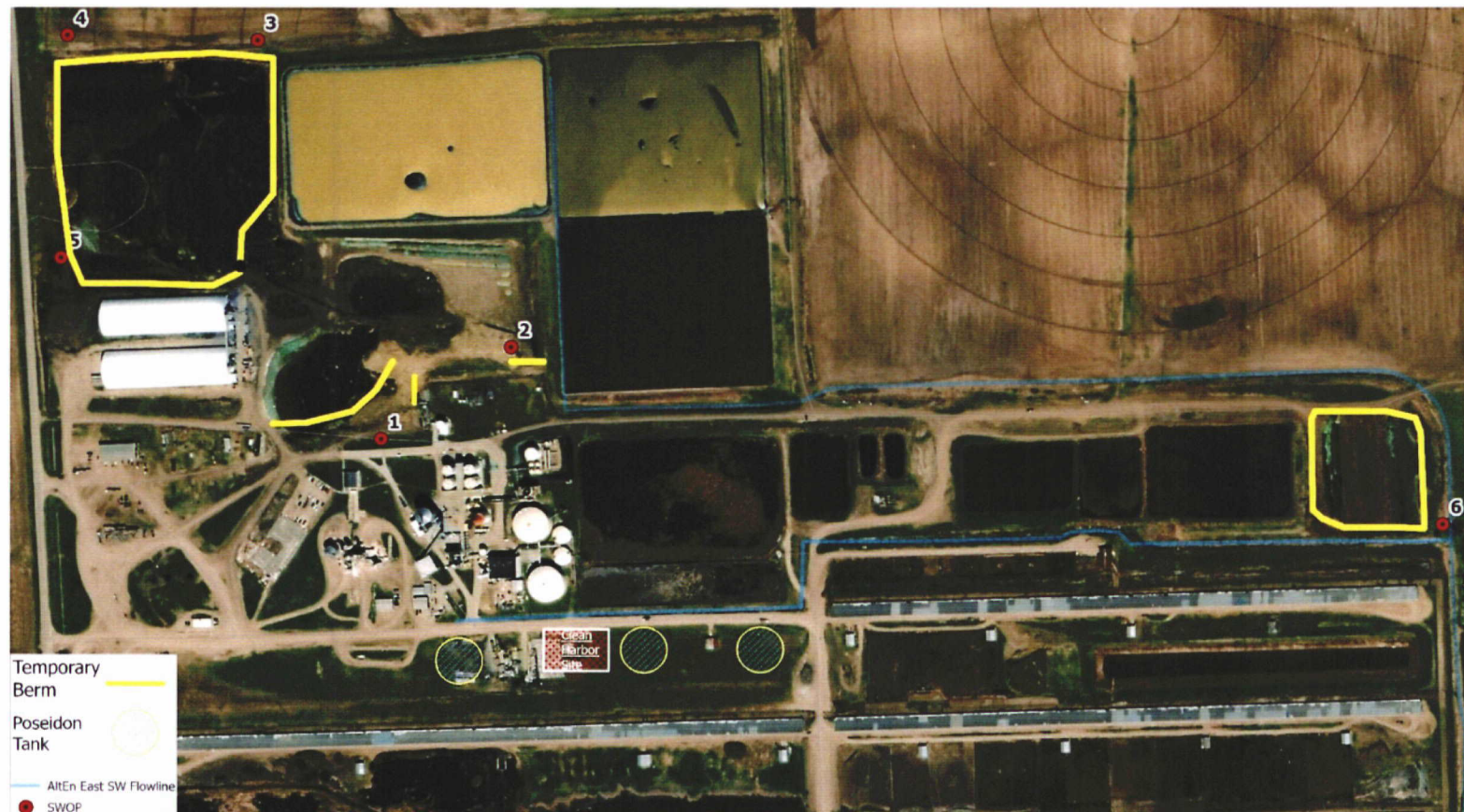
Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: South of area 1

Direction Facing: South

Description: This photo depicts the equipment to be sold on Big Iron Auctions.

AltEn LLC - Storm Water Temporary BMP Check Map



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

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

Inspection and Assistance Exit Summary

| | | |
|---|--|--|
| NDEE ID: <u>84069</u> | NDEE Program & ID: <u>NE0137634</u> | NDEE Notification #: _____ |
| Inspection/Other: <u>yes</u> | Compliance Assistance Visit (CAV): <u>no</u> | Permit Assistance Visit (PAV): <u>no</u> |
| Facility/Operation Name: <u>AltEn, LLC</u> | | |
| Address: <u>11344 County Road 10</u> | | |
| City/Town: <u>Mead</u> | County: <u>Saunders</u> | |
| Owner/Occupant/Operator Inspection Contact (S): <u>Scott Tingelhoff/Mary Tingelhoff</u> | | |

Inspection Date: 6-7-21 Start Time: 10:20am End time: 12:20am
 Inspector: Mark Pomajzl Phone #: 1-402-471-2936 Email Address: mark.pomajzl@nebraska.gov

Concerns observed: _____ Further Agency discussion needed to determine compliance: none

Observations: **X**

Comments:

Area 1 - the original berm has been removed. A large pile of earth is in its place.

Area 2 - Ok

Area 3 - OK

Area 4 - OK

Area 5 - OK

Area 6 - minor seepage observed

x Biochar: additional silt fence installed along with straw socks. The silt fence is trenched in.

x Vegetation is growing fast around the lagoon system. The area is not mowed.

Lagoons -

Northwest Lagoon: There is some bright green sludge floating on the north dike. Clean Harbors personal did not know its origin.

Northeast Lagoon: No Change

South Lagoon: Vegetation is making it difficult to inspect the east and south dikes.

Mr. Tingelhoff asked if the lagoon were back into freeboard. I stated that freeboard will be determined by the NDEE engineering staff.

NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY

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

- Investigate/fix area 6 east dike for minor seepage.
- Mow vegetation around the lagoon system, it is becoming a safety concern.
- Discuss lagoon freeboard with NDEE engineering staff. (1-402-471-4252)

Please notify the inspector 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.

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

Inspector: Mark Pomajzl

Inspection Contact Signature: 