

Facility: AltEn
IIS: 84069
PCS: NE0137634

Mark Pomajzl
4/19/2021

Site Visit Check list

Weather conditions: Cloudy
Temperature: 50 F
Wind: Northwest 15- 25/gusts 35 MPH
Precipitation: 0.0 "(snow showers)

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 <input checked="" type="radio"/> (pumped / 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. The west berm surrounds the wetcake pile. There is no seepage observed.
- Areas 2, 3, 4 and 5 show no seepage.
- Area 6 shows signs of seepage. The facility explained that they are pumping water from the berm with dryer wetcake. The facility then transfers the wetcake to the west storage area. Mr. Peterson stated they will be working on the berm today.

B. Lagoons

- Northeast lagoon
 - No change
- Northwest lagoon
 - No change
- South lagoon
 - The fence has been mended.
 - The facility is pumping from the south lagoon to the treatment system.
 - The liner appears to be separating from the south dike (photo).
 - Liner torn on the south dike (photo).



C. Biochar

- All the biochar bags have been moved from the Biochar area.
- Approximately 20 bags of biochar remain on a flatbed east of the south hoop building.
- There is loose biochar on the south and east side of the biochar staging area.
- The area has housekeeping concerns.

D. Notes

- I observed Mr. Peterson sample influent and effluent during the site visit.

Photos



Photo: 1

Site Visit Report

Date Taken: 4-19-21

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 photo depicts Area 1.



Photo: 2

Site Visit Report

Date Taken: 4-19-21

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: The facility expanded the berm to the southwest to prevent storm water from the parking lot from entering.



Photo: 3

Site Visit Report

Date Taken: 4-19-21

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 photo depicts the west berm of area 1. This berm expands and surrounds the southwest pile.



Photo: 4

Site Visit Report

Date Taken: 4-19-21

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 facility has recently reinforced area 2. The facility has added material and fence along the southwest corner of the south lagoon. No seepage was observed.



Photo: 5

Site Visit Report

Date Taken: 4-19-21

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: Northwest

Description: This photo depicts accumulated water behind the area 2 berm.



Photo: 6

Site Visit Report

Date Taken: 4-19-21

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: This photo depicts the area 3 berm. The berm is not seeping at this time.



Photo: 7

Site Visit Report

Date Taken: 4-19-21

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: Northeast

Description: This photo depicts area 4. There is no water accumulation or seepage observed.



Photo: 8

Site Visit Report

Date Taken: 4-19-21

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: Northeast

Description: This photo depicts area 5. There is no water accumulation or seepage observed.



Photo: 9

Site Visit Report

Date Taken: 4-19-21

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 is the berm that surrounds the west pile. There is only some water accumulation. The blue hose is used to transfer water when needed. There is no seepage or leaking observed.



Photo: 10

Site Visit Report

Date Taken: 4-19-21

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 a trench that facility recently dug to transfer water from area 5 to area 2. Water from area 2 is then transferred to the emergency lagoon.



Photo: 11

Site Visit Report

Date Taken: 4-19-21

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 various areas of seepage (arrows).



Photo: 12

Site Visit Report

Date Taken: 4-19-21

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: Northeast

Description: This photo is taken on the south end of the berm. There is seepage observed (orange arrow). The secondary berm (red arrow) is holding water.



Photo: 13

Site Visit Report

Date Taken: 4-19-21

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: Northeast

Description: This photo is taken on the south end of the berm system. The secondary berm is pictured here. It is hard to determine if the berm is leaking with the heavy vegetation.



Photo: 14

Site Visit Report

Date Taken: 4-19-21

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



Photo: 15

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: West

Description: Depth gauge



Photo: 16

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: East

Description: Depth gauge



Photo: 17

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: North

Description: Large floating liner.



Photo: 18

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northwest lagoon

Direction Facing: North

Description: Two smaller floating liners.



Photo: 19

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: Northeast

Description: Damaged liners



Photo: 20

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Between the northeast and south lagoon

Direction Facing: Northeast

Description: Pump system used to transfer water to the treatment system.



Photo: 21

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the south lagoon

Direction Facing: East

Description: This photo depicts the south liner potentially pulling away from the dike (arrow).



Photo: 22

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the south lagoon

Direction Facing: East

Description: Tears observed on the south liner.



Photo: 23

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: South side of the south lagoon

Direction Facing: East

Description: This photo depicts that the liner appears to be separating from the lagoon dike.



Photo: 24

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Southeast side of the south lagoon

Direction Facing: North

Description: This photo depicts floating liner on the east side of the south lagoon.



Photo: 25

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Northeast lagoon

Direction Facing: Northwest

Description: This photo depicts that the gate is shut.



Photo: 26

Site Visit Report

Date Taken: 4-19-21

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 that the north gate is shut.

NEBRASKA

DEPT. OF ENVIRONMENT AND ENERGY



Photo: 27

Site Visit Report

Date Taken: 4-19-21

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 that the southwest gate is shut.



Photo: 28

Site Visit Report

Date Taken: 4-19-21

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 that the fence is mended.



Photo: 29

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar

Direction Facing: South

Description: This photo depicts biochar spilled of the south side.



Photo: 30

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Biochar

Direction Facing: West

Description: This photo residual biochar. There is no containment or best management practice to control this runoff.



Photo: 31

Site Visit Report

Date Taken: 4-19-21

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 residual biochar and red material (arrow).



Photo: 32

Site Visit Report

Date Taken: 4-19-21

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 is taken on the north side of the biochar. There is a red colored material on the ground. The material is not in containment.



Photo: 33

Site Visit Report

Date Taken: 4-19-21

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 is a little north of photo 29. The material depicted in the photo can wash into the drainage ditch. The facility has plugged the culvert on the east side (arrow).



Photo: 34

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system

Direction Facing: South

Description: This photo depicts Mr. Peterson taking an influent sample. The sample is taken from the pre-clarifier.

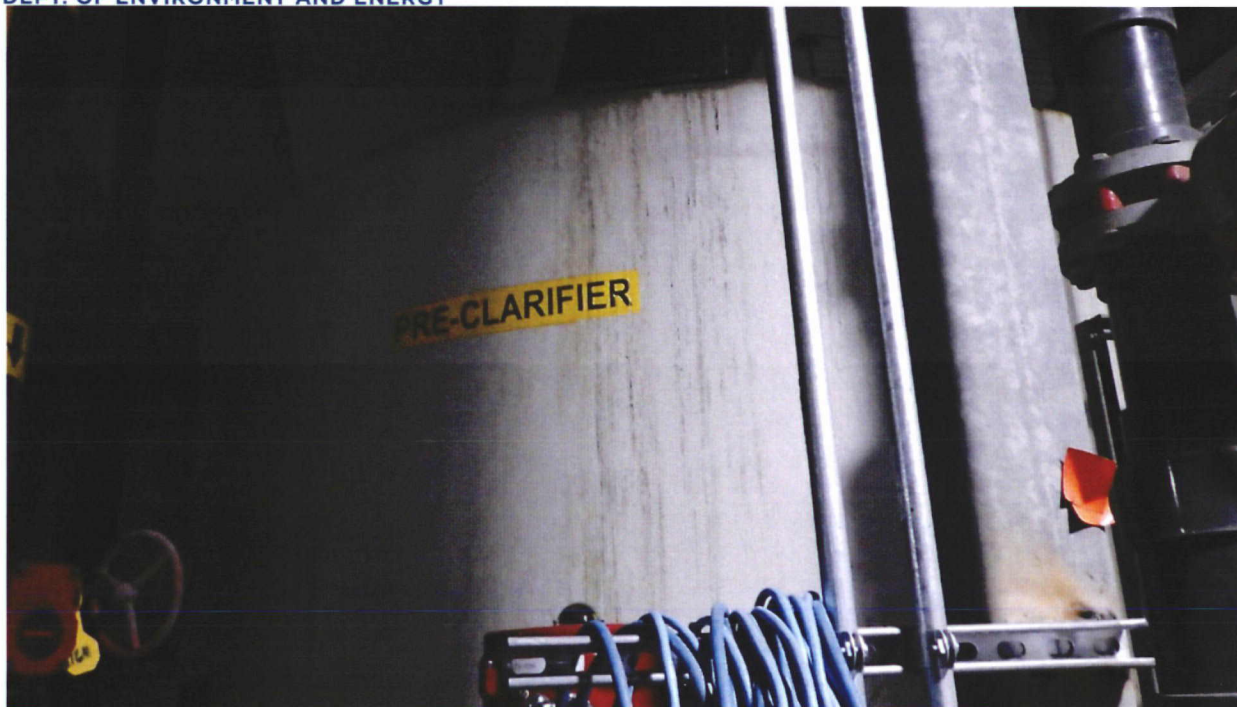


Photo: 35

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system

Direction Facing: South

Description: This photo depicts the pre-clarifier tank in which the influent sample is taken.



Photo: 36

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system

Direction Facing: East

Description: This photo depicts Mr. Peterson taking a final effluent sample.



Photo: 37

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

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

Location: Treatment system

Direction Facing: East

Description: This photo depicts the final effluent tank. Mr. Peterson sampled from this tank.



Photo: 38

Site Visit Report

Date Taken: 4-19-21

Photographer: Mark Pomajzl

Facility Name/ Project Name: AltEn LLC

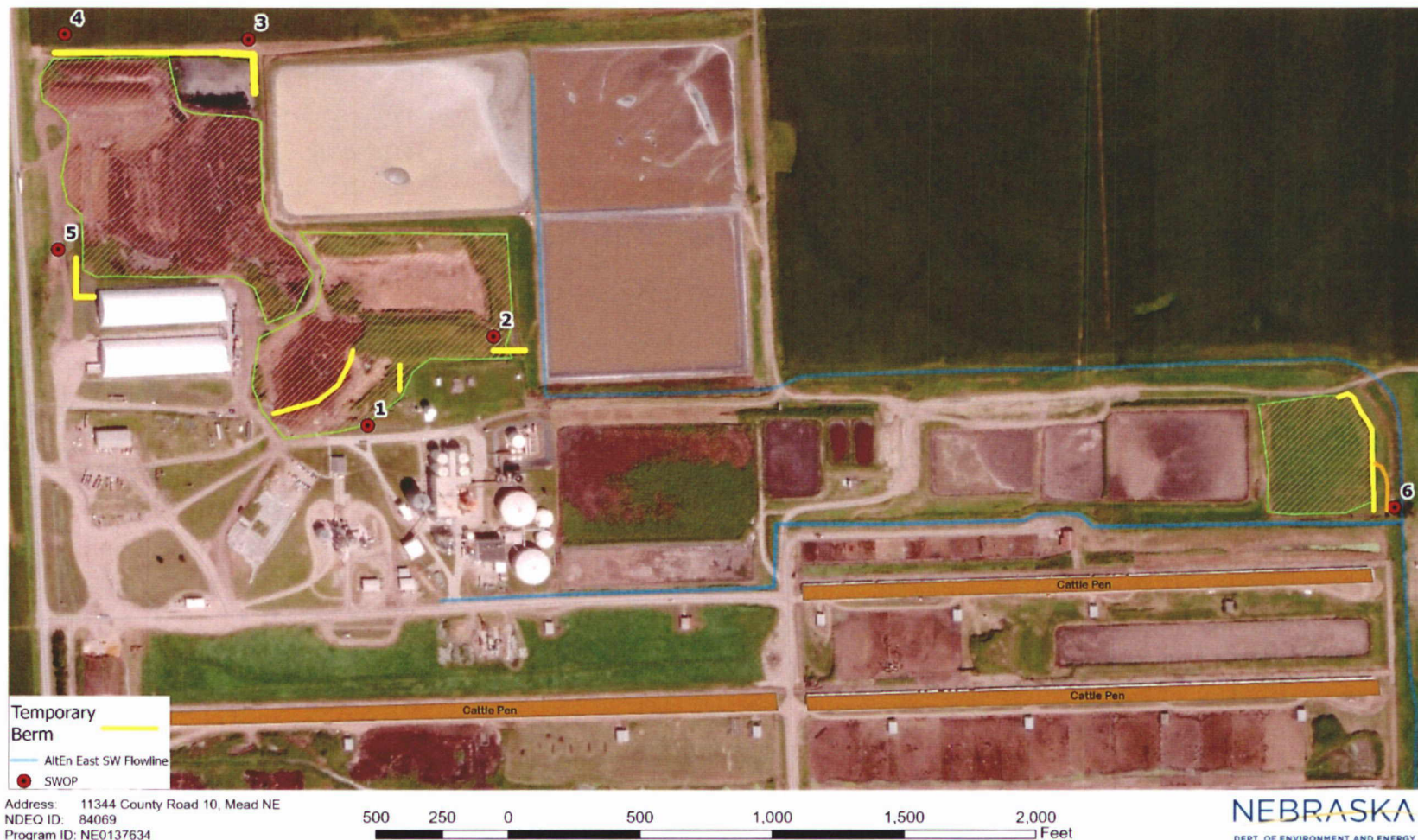
Facility IIS number / Project identifier: IIS: 84069 / NE0137634

Location: Treatment system

Direction Facing: South

Description: This photo depicts the collected samples.

AltEn LLC - Storm Water Temporary BMP Check Map



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: ALLEN, LLC

Address _____

City/Town: MEAD, County Saunder, State of Nebraska.Owner/Occupant/Operator Inspection Contact(s): Ken PetersonInspector Mark Pomejzl Phone No 402-471-2936 E-Mail address mark.pomejzl@nebraska.gov@nebraska.gov

Mailing Address: Department of Environment and Energy, PO Box 98922, Lincoln, Nebraska 68509-8922

Inspection Date: 4/19/21 Start Time: 9:55am End Time: ~~11:55am~~ 11:37am☐ No concerns observed☐ Further agency discussion needed to determine compliance☒ Concerns observed:

- Area 1 - OK area - 3 - OK area 5 - OK
 Area 2 - OK area - 4 - OK area 6 - Some seepage

- All Biochar bags are moved to House Building
- some Biochar still on the ~~ground~~ ⁱⁿ ground near Bio-char process
- Lagoon show no change
- mixing water with wet cake onto east pile, hauling to west side.
- ↓ Area 3 & 6

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

- Fix Area - 6 - seepage problem
- Clean up Biochar process area (Housekeeping).

* Observed Seepage

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 Pomejzl
 Inspector Signature

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

Ken Peterson
 Inspection Contact Signature