

PCS

84069

Daily Observation Form – PM REPORT
 AltEn LLC – Mead, NE Release
 Facility ID: 84069; State Spill Report Number: 021221-NH-845
 Date: February 28, 2021
 Weather: Cloudy and Windy, 34 °F

Terracon

STOP 1 – Hwy 66 West of Ashland Gun Club
41.0886323, -96.380274
 Time:

Due to inactivity at this location, a site visit was not conducted in the morning per conversations with NDEE. As such, no observations or photographs were taken.

STOP 2 – North of the intersection of County Roads 6 & F
41.1334626, -96.4064519
 Time: 1205

No suspect/obvious odor noted. Obvious signs of contamination (visual) observed on the west side in water.

Flow (audible and/or visual) observed at this location.

No active work was observed at the time of the site visit.



Photo Direction: Looking northwest.

STOP 2 – North of the intersection of County Roads 6 & F
41.1334626, -96.4064519
 Time: 1209

No suspect/obvious odor noted. Obvious signs of contamination (visual) observed on the east side in water.

Flow (audible and/or visual) observed at this location.

No active work was observed at the time of the site visit.



Photo Direction: Looking north.



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STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1525

Obvious signs of contamination (visual and/or olfactory) observed on the west side of Stop 3 in water. Water pooling at this location. No flow (audible and/or visual) observed at this location.

No active work was observed on the west side of the Stop 3 location at the time of the site visit.



Photo Direction: Looking northwest.

STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1527

Obvious signs of contamination (visual and/or olfactory) observed on the east side of Stop 3. No flow (audible and/or visual) observed at this location.

No active work was observed on the east side of the Stop 3 location at the time of the site visit.



Photo Direction: Looking southeast.

STOP 4 – County Road 8, North of Road H
GPS: 41.1677657, -96.4447025
Time: 1424

Obvious signs of contamination (visual and/or olfactory) observed in water on the east side at this location. Observed flow from adjacent fields coming into the area.

No active work was observed at the time of the site visit.



Photo Direction: Looking east.

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STOP 4 – County Road 8, North of Road H
GPS: 41.1677657, -96.4447025
Time: 1427

Obvious signs of contamination (visual and/or olfactory) observed in water on the west side at this location.

No active work was observed at the time of the site visit.



Photo Direction: Looking west.

STOP 5 – UNL Eastern Extension – North of County Roads 9 & J
GPS: 41.1862613, -96.4638642
Time: 1445

Obvious signs of contamination (visual and/or olfactory) observed on the west side of Stop 5 in water. Strong odor noted at this location

The liquid has extended beyond the defined drainageway. Pumping of impacted material active.



Photo Direction: Looking northwest.

STOP 5 – UNL Eastern Extension – North of County Roads 9 & J
GPS: 41.1862613, -96.4638642
Time: 1447

Obvious signs of contamination (visual and/or olfactory) observed on the east side of Stop 5.

Observed flow from adjacent fields and west side through culvert coming into the area.



Photo Direction: Looking east.

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**STOP 6 – AltEn LLC Facility – East Side of
Digester 1**

GPS: 41.195558, -96.473923

Time: 1455

Obvious signs of contamination (visual and/or olfactory) observed on the east side of Digester 1.

Pump proximal to the south lagoon connected to Digester 1 was inactive at the time of the site visit.



Photo Direction: Looking northwest.

**STOP 6 – AltEn LLC Facility – Impacted
Material Disposal Site: South Lagoon**

GPS: 41.195558, -96.473923

Time: 1459

Impacted material within AltEn's lagoon.



Photo Direction: Looking north.

**STOP 6 – AltEn LLC Facility – South of
Emergency Lagoon**

GPS: 41.19470, -96.47611

Time: 1502

Treatment vessels associated with constructed holding tank located south of the lagoon.



Photo Direction: Looking southeast.

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Between Stop 3 and Stop 4 – Hwy 66, East of Road 8

GPS: 41.1464807, -96.4324881

Time: 1407

Obvious signs of contamination (visual and/or olfactory) observed on the north side of Hwy 66. Flow observed at this location.

Pumping of impacted material active; however, pump operation was intermittent.



Photo Direction: Looking north.

Between Stop 3 and Stop 4 – Hwy 66, East of Road 8

GPS: 41.1464807, -96.4324881

Time: 1410

Obvious signs of contamination (visual and/or olfactory) observed on the south side of Hwy 66. Flow observed at this location.



Photo Direction: Looking south.

Between Stop 3 and Stop 4 – County Road H Between Roads 7 & 8

GPS: 41.161258, -96.437785

Time: 1417

Heimes Corporation equipment inactive south of County Road H.



Photo Direction: Looking southwest.

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**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8
GPS: 41.161258, -96.437785
Time: 1420**

Vacuum truck staged at this location. Vacuum truck inactive at time of visit.



Photo Direction: Looking west.

**Between Stop 4 and Stop 5 – UNL Eastern
Extension – Southeast of County Roads 9
& J
GPS: 41.1850660, -96.4616990
Time: 1220**

Vacuum truck staged at this location. Vacuum truck inactive at time of visit.

Observed flow from north side through culvert coming into the area.



Photo Direction: Looking south.

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**NOTE: REMAINING PHOTOS SHOW
SAMPLING ACTIVITIES**

STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1527

Ken Peterson (AltEn Facility Manager) taking
sample on west side of Stop 3.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking northwest.

**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8**
GPS: 41.161258, -96.437785
Time: 1417

Ken Peterson (AltEn Facility Manager) taking
sample on north side of County Road H.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking north.

STOP 4 – County Road 8, North of Road H
GPS: 41.1677657, -96.4447025
Time: 1424

Ken Peterson (AltEn Facility Manager) taking
sample on west side of Stop 4.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking west.

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**Between Stop 4 and Stop 5 – County Road I
Between Roads 8 & 9**
GPS: 41.1756749, -96.4541687
Time: 1431

Ken Peterson (AltEn Facility Manager) taking sample on south side of County Road I.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking southwest.

**STOP 5 – UNL Eastern Extension – North
of County Roads 9 & J**
GPS: 41.1862613, -96.4638642
Time: 1445

Ken Peterson (AltEn Facility Manager) taking sample on east side of Stop 5.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking east.

**STOP 6 – AltEn LLC Facility – South of
Emergency Lagoon**
GPS: 41.194701, -96.47611
Time: 1455

Ken Peterson (AltEn Facility Manager) taking sample of influent material entering treatment vessels located south of Stop 6.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking east.

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**STOP 6 – AltEn LLC Facility – South of
Emergency Lagoon**
GPS: 41.19470, -96.47611
Time: 1458

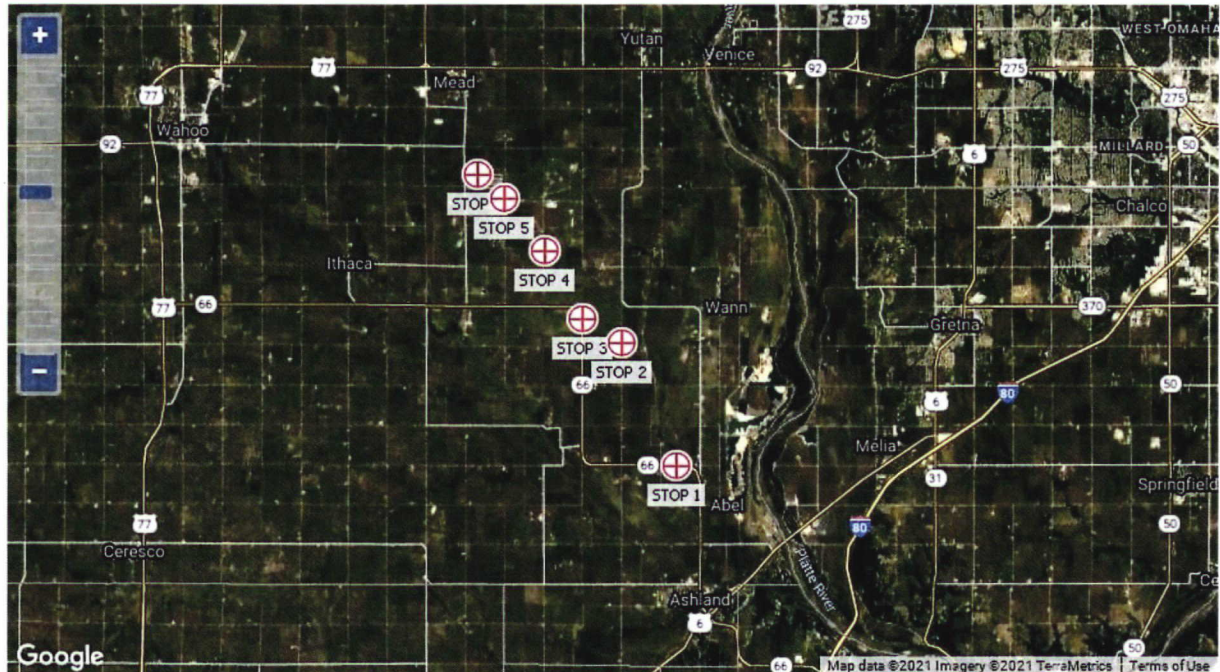
Ken Peterson (AltEn Facility Manager) taking
sample of effluent material exiting treatment
vessels located south of Stop 6.

Rachel Neisius (NDEE) onsite during the visit.



Photo Direction: Looking northeast.

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ALTEN SITUATIONAL AWARENESS (FEB 2021)

- DAILY TRIPS (One Person) - This could be twice per day as things warm up.
- 6 Stops
- Visual Observations recorded
- Immediate Notification/Action if changes are observed.
 - Sampling
 - Initiate a Response Contractor
- Record observations on a custom/standard form.

STOP 1 – HIGHWAY 66 EAST of ASHLAND GUN CLUB

There should be no observable contamination.

STOP 2 – North of the Intersection of County Road 6 & F

There should be no observable contamination.

STOP 3 – ROAD 7/Highway 66

You should see an intact containment structure and no contaminants getting past.

STOP 4 – COUNTY ROAD 8, North of Road H

There will be abundant contaminants confined to the channel.

STOP 5 – UN-L Eastern Extension – County Roads 9 & J

There will be remnants of a containment structure that failed and contaminants.

STOP 6 – ALTEN FACILITY DIGESTERS

Call facility prior to entry, check in at office if required, proceed to the digesters. HARD HAT and GOGGLES – We need to confirm efforts to prevent a second release from this area. (valves are not compromised... increases berms or other containment.