

Daily Observation Form – PM REPORT
AltEn LLC – Mead, NE Release
Facility ID: 84069; State Spill Report Number: 021221-NH-845
Date: March 1, 2021
Weather: Sunny and slight breeze, 43 °F

Terracon

STOP 1 – Hwy 66 West of Ashland Gun Club
41.0886323, -96.380274
Time: 1423

Water is flowing at this location.

No suspect/obvious odor noted. No obvious signs of contamination (visual and/or olfactory) observed in water or on banks.

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

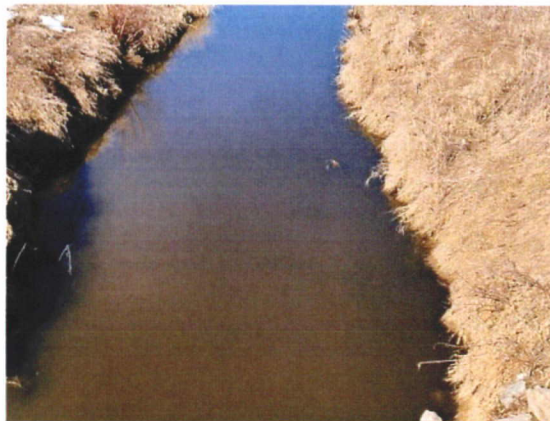


Photo Direction: Looking north.

STOP 2 – North of the intersection of County Roads 6 & F
41.1334626, -96.4064519
Time: 1441

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: 1444

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: 1402

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: 1405

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.

PCS 84069

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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: 1549

Obvious signs of contamination (visual and/or olfactory) observed on the west side of Stop 5 in water. Odor noted at this location. Pumping of impacted material active during this site visit.

Hose originating from the north side between Stop 3 and Stop 4 (Hwy 66, East of Road 8) was observed running parallel with hose from this location to the lagoon system (additional details on second entry of page 5).



Photo Direction: Looking north.

STOP 5 – UNL Eastern Extension – North of County Roads 9 & J

GPS: 41.1862613, -96.4638642

Time: 1552

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

Observed flow at this location. Vacuum truck staged at this location. No active work was observed at the time of the site visit.



Photo Direction: Looking east.

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

GPS: 41.195558, -96.473923

Time: 1602

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.

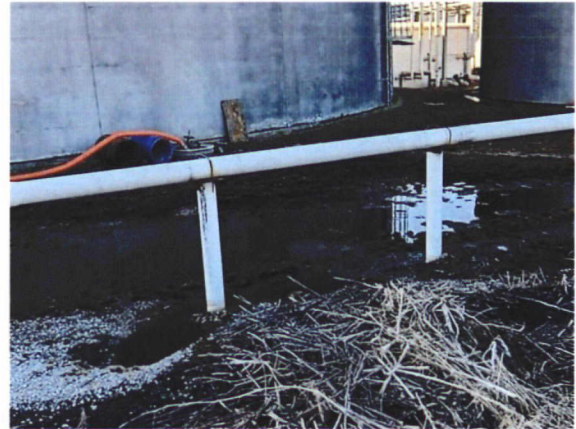


Photo Direction: Looking northwest.

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

GPS: 41.195558, -96.473923

Time: 1605

Impacted material within AltEn's lagoon in the foreground of the photograph. Treatment vessels and constructed holding tank in the background of the photograph.



Photo Direction: Looking south.

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

GPS: 41.19470, -96.47611

Time: 1610

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: 1315

Obvious signs of contamination (visual and/or olfactory) observed on the north side of Hwy 66. A soil berm was placed/rebuilt in the drainageway which limited flow at this location.

Pumping of impacted material active; using pressurized air in the liquid at the suction hose/pipe inlet to aid pumping.



Photo Direction: Looking north.

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

GPS: 41.1464807, -96.4324881

Time: 1322

Pumping activities and soil berm on the north side of Hwy 66. Previously, pumped liquid from this location was discharged to the west side of Stop 5 where a second pump unit pumped the liquid to AltEn's lagoon system. As noted at Stop 5 at 1549, additional hose was attached to the section originating from this location and is discharging directly into the lagoon system.



Photo Direction: Looking northeast.

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

GPS: 41.1464807, -96.4324881

Time: 1319

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.

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**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8**
GPS: 41.161258, -96.437785
Time:1457

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



Photo Direction: Looking north.

**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8**
GPS: 41.161258, -96.437785
Time:1501

Obvious signs of contamination (visual and/or olfactory) observed on the south side of County Road H. 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:1453

Observed Heimes and Clean Harbors preparing equipment for removal from location.



Photo Direction: Looking southeast.

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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 at this location.



Photo Direction: Looking south.

STOP 3 – Road 7/Hwy 66

41.1388323, -96.4257571

Time: 1408

Observation of water pooling on west side of Stop 3 advancing to the north.



Photo Direction: Looking northwest.

STOP 3 – Road 7/Hwy 66

41.1388323, -96.4257571

Time: 1410

Observation of water accumulation on west side of Stop 3 advancing to the south.



Photo Direction: Looking southwest.

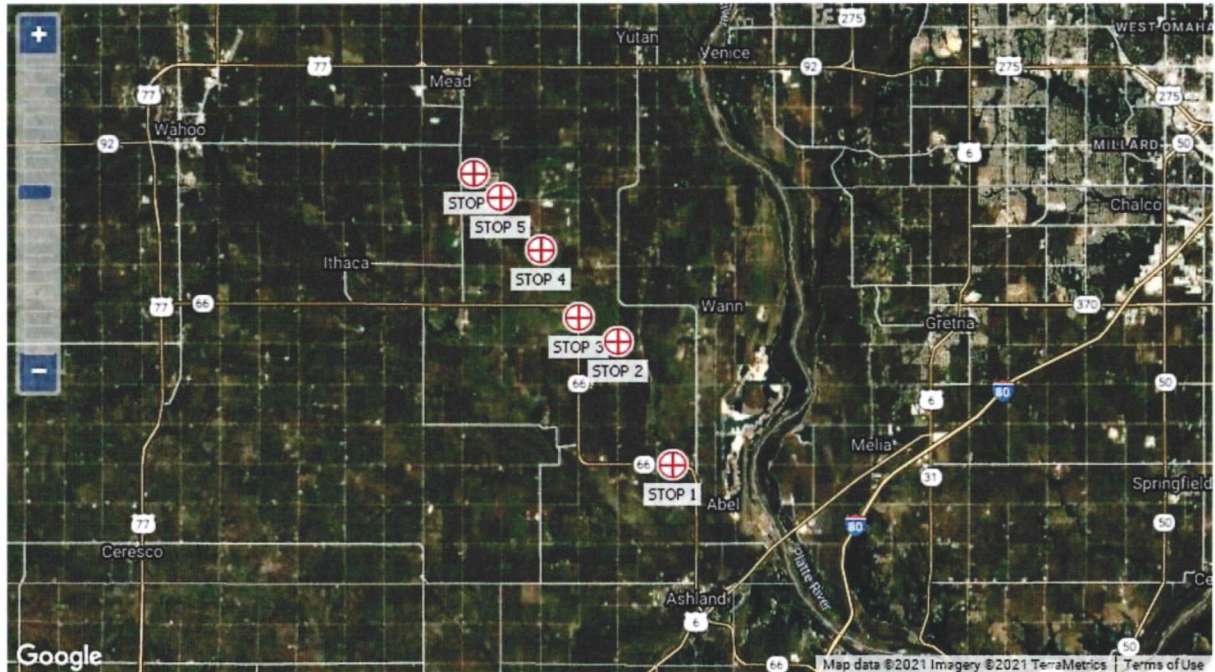
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ALTEN SITUATIONAL AWARENESS (FEB 2021)

- 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.