

PCS 84069

Daily Observation Form – DAILY REPORT
AltEn LLC – Mead, NE Release
Facility ID: 84069; State Spill Report Number: 021221-NH-845
Date: March 4, 2021
Weather: Clear and Sunny, 67 °F

Terracon

STOP 1 – Hwy 66 West of Ashland Gun Club
41.0886323, -96.380274
Time: 1223

Water is flowing at this location.

No suspect/obvious odor noted. No obvious visual signs of contamination observed at surface or on banks.

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

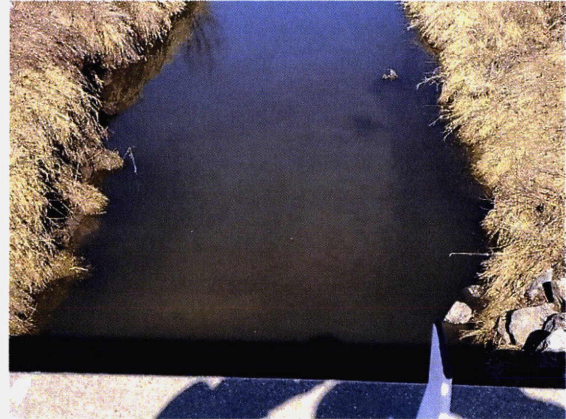


Photo Direction: Looking north.

STOP 2 – North of the intersection of County Roads 6 & F
41.1334626, -96.4064519
Time: 1239

No suspect/obvious odor noted. Yellowish-brown discoloration observed on the west side at surface near culvert opening. Liquid appeared turbid.

Flow (audible) 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: 1241

No suspect/obvious odor noted. Yellowish-brown discoloration observed on the east side at surface. Liquid appeared turbid.

Flow (audible and 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: 1203

Yellowish-brown discoloration observed on the west side of Stop 3. Liquid appeared turbid. Water pooling at this location. No flow (audible and 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: 1207

Yellowish discoloration observed on the east side of Stop 3. No suspect/obvious odor noted. No flow (audible or visual) observed at this location. Ice covered observed.

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



Photo Direction: Looking northeast.

STOP 4 – County Road 8, North of Road H
GPS: 41.1677657, -96.4447025
Time: 1304

Yellowish-brown discoloration observed at surface on the east side at this location. No suspect/obvious odor noted. Flow (audible and visual) observed 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: 1607

Yellowish-brown discoloration observed at surface on the west side at this location. No suspect/obvious odor noted. Flow (audible and visual) observed 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 west.

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

GPS: 41.1862613, -96.4638642

Time: 1322

Yellowish-brown discoloration observed on the west side of Stop 5. Liquid appeared turbid. Moderate odor noted at this location.

No flow (audible or visual) observed at this location.

Pumping of impacted material inactive during this site visit.



Photo Direction: Looking west.

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

GPS: 41.1862613, -96.4638642

Time: 1327

Yellowish-brown discoloration observed on the east side of Stop 5. Liquid appeared turbid. Slight odor noted at this location.

No flow (audible or visual) observed at this location.



Photo Direction: Looking east.

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

GPS: 41.195558, -96.473923

Time: 1529

Yellowish-brown discoloration observed on the east side of Digester 1.

Strong odor noted at this location.

Pump proximal to the south lagoon connected to Digester 1 active at the time of this visit.



Photo Direction: Looking northwest.

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

GPS: 41.195558, -96.473923

Time: 1532

Pump proximal to the south lagoon connected to Digester 1 active at the time of this visit.

Second hose connected to the above referenced pump continues to run to the north of Digester 1 into the open doorway of the building to the northwest of Digester 1.



Photo Direction: Looking northwest.



Photo Direction: Looking west/northwest.

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**STOP 6 – AltEn LLC Facility – Impacted
Material Disposal Site: South Lagoon**
GPS: 41.195558, -96.473923
Time: 1535

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: 1541

Treatment vessels located south of the lagoon.



Photo Direction: Looking south.

**Between Stop 3 and Stop 4 – Hwy 66, East
of Road 8**
GPS: 41.1464807, -96.4324881
Time: 1150

Yellowish-brown discoloration observed on the north side of Hwy 66 at surface. Minimal flow (visual) observed at this location. No suspect/obvious odor noted.

Soil berm in place during time of this visit. Pump active at the time of the site visit. The air compressor associated with pumping activities was not active at the time of the site visit.



Photo Direction: Looking north.

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

GPS: 41.1464807, -96.4324881

Time: 1153

Yellowish discoloration observed on the south side of Hwy 66 at surface.

No suspect/obvious odor noted at this location.

Minimal flow (visual and audible) observed at this location.



Photo Direction: Looking south.

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

GPS: 41.1464807, -96.4324881

Time: 1508

The pump and tractor have been removed from this location. The trailer mounted air compressor was observed (inactive). Soil berm in place at the time of this visit.



Photo Direction: Looking north.

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

GPS: 41.161258, -96.437785

Time: 1253

Heimes Corporation equipment has been removed from this location.



Photo Direction: Looking southeast.

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**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8**
GPS: 41.161258, -96.437785
Time: 1255

Yellowish-brown discoloration observed on the north side of County Road H. Slight odor noted at this location.

Flow (audible and visual) observed at this location.

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



Photo Direction: Looking northwest.

**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8**
GPS: 41.161258, -96.437785
Time: 1257

Yellowish-brown discoloration observed on the south side of County Road H. Slight odor noted at this location.

Flow (audible and visual) observed at this location.

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



Photo Direction: Looking southwest.

**Between Stop 4 and Stop 5 – UNL Eastern
Extension – Southeast of County Roads 9
& J**
GPS: 41.1850660, -96.4616990
Time: 1315

Yellowish discoloration with turbidity observed on the south side of County Road J. Slight odor noted at this location.

Flow (audible and visual) observed.

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



Photo Direction: Looking south.

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**Between Stop 4 and Stop 5 – County Road
I Between Roads 8 & 9**
GPS: 41.1757201, -96.4589467
Time: 1335

During the sampling activities March 3, 2021, between Stop 3 and Stop 4 – Hwy 66, East of Road 8, informed by University of Nebraska personnel the booster pump located between Stop 4 and Stop 5 was leaking from the hose connection(s).

Leaking connections were not observed at the time of this site visit.



Photo Direction: Looking west.

STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1210

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



Photo Direction: Looking northwest.

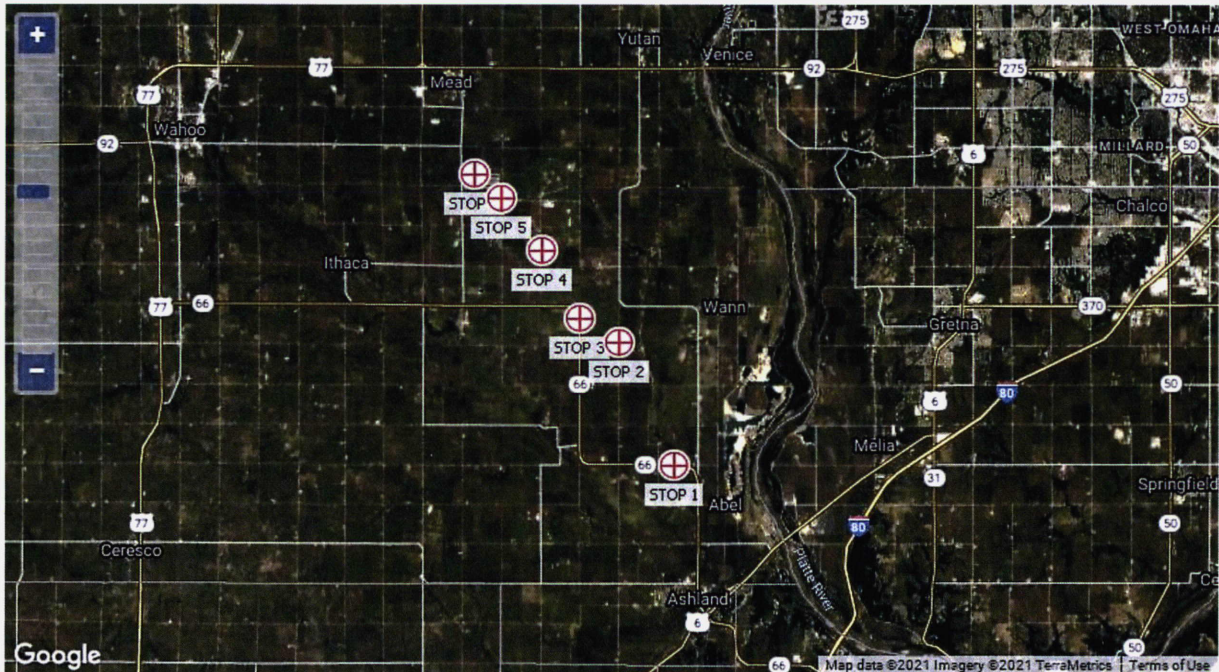
STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1214

Observation of water pooling 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.