

PCS

84069

Daily Observation Form – DAILY REPORT
 AltEn LLC – Mead, NE Release
 Facility ID: 84069; State Spill Report Number: 021221-NH-845
 Date: March 2, 2021
 Weather: Clear and Sunny with Strong Winds, 57 °F

Terracon

STOP 1 – Hwy 66 West of Ashland Gun Club
41.0886323, -96.380274
 Time: 1246

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 southwest.

STOP 2 – North of the intersection of County Roads 6 & F
41.1334626, -96.4064519
 Time: 1304

No suspect/obvious odor noted. Yellowish discoloration observed on the west side at surface.

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: 1307

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

Flow (audible and visual) observed at this location.

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



Photo Direction: Looking north.



20210025125

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STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1226

Yellowish-brown discoloration and a slight odor observed on the west side of Stop 3. 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.

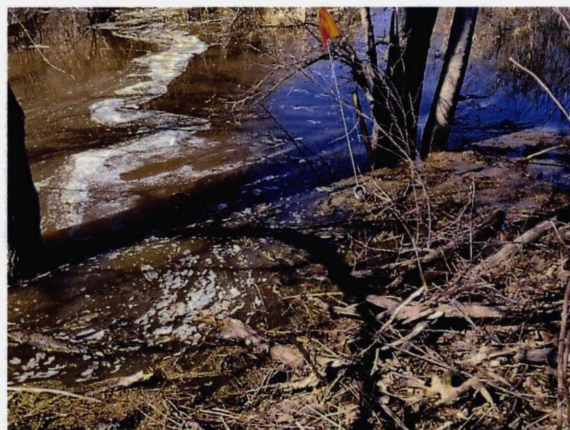


Photo Direction: Looking northwest.

STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1229

Yellowish discoloration observed on the east side of Stop 3. No suspect/obvious odor noted. No flow (audible 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: 1327

Yellowish-brown discoloration observed at surface on the east side at this location. No suspect/obvious odor noted. 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: 1330

Yellowish-brown discoloration observed at surface on the west side at this location. No suspect/obvious odor noted. Observed flow from adjacent fields coming into the area.

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



Photo Direction: Looking northwest.

STOP 5 – UNL Eastern Extension – North of County Roads 9 & J
GPS: 41.1862613, -96.4638642
Time: 1352

Yellowish-brown discoloration observed on the west side of Stop 5 at surface. Moderate 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 as observed on March 1, 2021.



Photo Direction: Looking northwest.

STOP 5 – UNL Eastern Extension – North of County Roads 9 & J
GPS: 41.1862613, -96.4638642
Time: 1355

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

Observed flow from adjacent fields and through culvert coming into this 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: 1200

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

Pump proximal to the south lagoon connected to Digester 1 active at the time of this visit. According to a phone conversation with Ken Peterson (AltEn Facility Manager), the pump has been operating for the past two days with material from the lagoon being pumped into Digester 1.

Prior to this visit, Terracon noted the pump at this location was inactive due to the following observations: audible indications of pump operation were not observed as the noise from the pump was masked by the noise emitting from the adjacent pump associated with the treatment vessels located to the south (the pump for the treatment vessels was not operating at the time of this site visit); pump is self-contained and rotation of pump parts was not observed; and the associated hose was not completely filled and had little resistance when pressed.

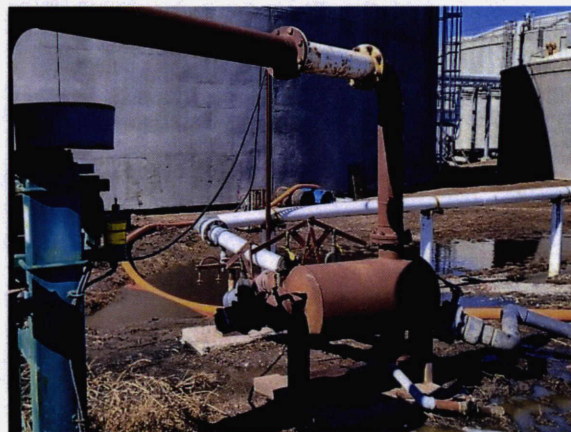


Photo Direction: Looking northwest.



Photo Direction: Looking north/northwest.

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

GPS: 41.195558, -96.473923

Time: 1206

Impacted material within AltEn's lagoon.

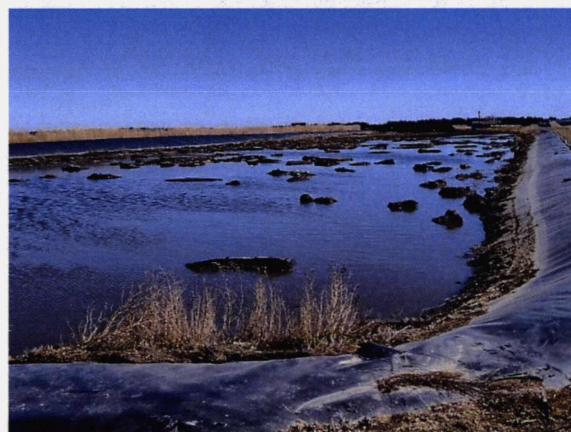


Photo Direction: Looking northeast.

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**STOP 6 – AltEn LLC Facility – South of
Emergency Lagoon**
GPS: 41.19470, -96.47611
Time: 1210

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



Photo Direction: Looking southeast.

**Between Stop 3 and Stop 4 – Hwy 66, East
of Road 8**
GPS: 41.1464807, -96.4324881
Time: 1219

Yellowish-brown discoloration observed on
the north side of Hwy 66 at surface.

Slight odor noted at this location.

Flow (audible and visual) observed at this
location.



Photo Direction: Looking north.

**Between Stop 3 and Stop 4 – Hwy 66, East
of Road 8**
GPS: 41.1464807, -96.4324881
Time: 1222

Pumping activities and soil berm on the north
side of Hwy 66.



Photo Direction: Looking northeast.

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

GPS: 41.1464807, -96.4324881

Time: 1225

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

Slight odor noted at this location.

Flow (audible and visual) 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: 1319

Yellowish-brown discoloration observed on the north side of County Road H. No suspect/obvious odor noted.

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: 1323

Yellowish-brown discoloration observed on the south side of County Road H. No suspect/obvious odor noted.

Flow (audible and visual) observed at this location.

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

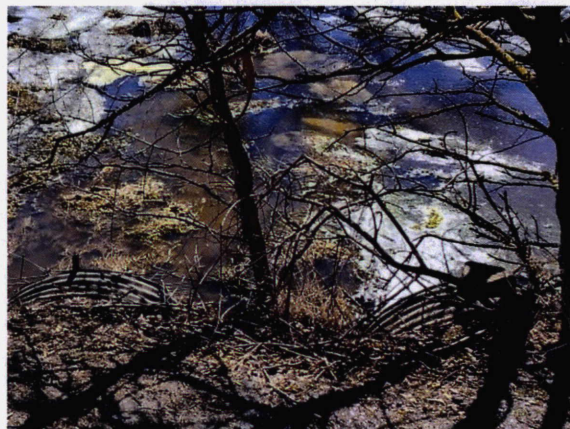


Photo Direction: Looking south.

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**Between Stop 3 and Stop 4 – County Road
H Between Roads 7 & 8**
GPS: 41.161258, -96.437785
Time: 1325

Observed Heimes equipment prepared for removal from 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: 1336

Yellowish discoloration observed on the south side of County Road J. 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 south.

STOP 3 – Road 7/Hwy 66
41.1388323, -96.4257571
Time: 1232

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



Photo Direction: Looking northwest.

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STOP 3 – Road 7/Hwy 66

41.1388323, -96.4257571

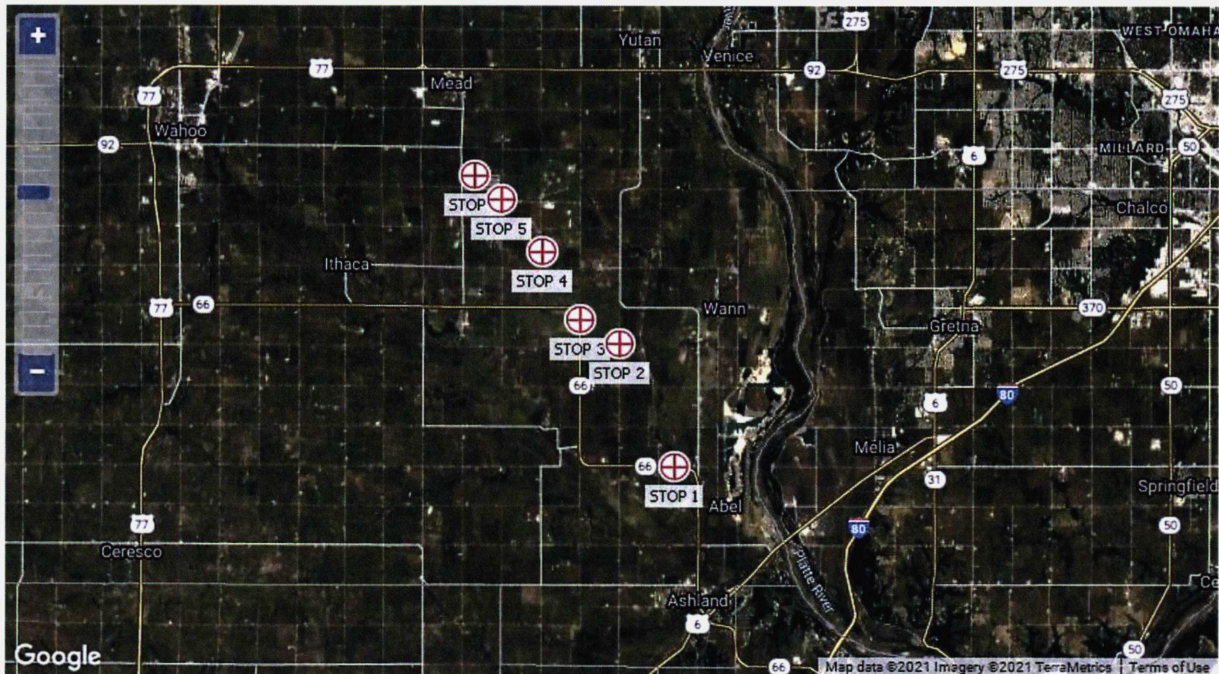
Time: 1230

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.