

Morrow, Kirk

From: Morrow, Kirk
Sent: Friday, February 19, 2021 2:58 PM
To: Scott Tingelhoff
Cc: kpeterson@mrgkc.com; dzalesky2@unl.edu; mtingelhoff@mrgkc.com; Doug Ferguson (Ferguson.Doug@epamail.epa.gov); Buell, Thomas; Pracheil, Brad
Subject: RE: DAILY OBSERVATIONS (FEB 19)
Attachments: ALTEN OBSERVATIONS (Borovich 19FEB).pdf

RE: ALT EN LLC
MEAD, NEBRASKA

NDEE FAC ID: 84069

PROGRAM ID: 021221-NH-0845

Mr. Tingelhoff:

For your use and information.

Attached is my group's observations from earlier today.

Sincerely.

Kirk Morrow, P.G.
Emergency Response Program
Nebraska Dept. of Environment & Energy
P.O. Box 98922
Lincoln, NE 68509-8922
<http://dee.ne.gov>



DATE: February 19, 2021

INVESTIGATOR: Jim Borovich

WEATHER: Sunny, cold (16 degrees), no wind

**STOP 1 – HIGHWAY 66 WEST of
ASHLAND GUN CLUB – 0835 hrs.**

Nothing to see here other than water and ice;
no apparent impacts.

Photo looking north from Highway 66 bridge.



**STOP 2 – North of the Intersection of
COUNTY ROADS 6 & F – 0845 hrs.**

No apparent contamination; same as
described by Greg Michl 2-18-21.

Photo looking west.



STOP 3 – Road 7/Highway 66 – 0850 hrs.

Same as reported by Greg Michl 2/18/21, no contamination apparent.

Top photo looking west.

Bottom photo looking east at containment structure.



STOP 4 – County Road 8, North of Road H
– 0905 hrs.

Appears to be as described by Greg Michl on 2-18-21. Contamination evident.

Top two photos looking down at frozen contamination on west side of county road.

Bottom photo looking east from east side of county road.



**STOP 5 – UN-L Eastern Extension – North
of County Roads 9 & J – 0915 hrs.**

Generator and piping present, but no pumping going on.

Top photo (page 4) looking west at constructed dam.

Bottom photo (page 4). Looking down from top of constructed dam.

Top photo (page 5). Looking east at frozen contamination.

Bottom photo (page 5). Looking north at overview of generator (not operating) and piping.





STOP 6 – ALTEN LLC FACILITY
DIGESTERS – 0932 hrs.

Same observed by Greg Michl 2-18-21.

Top photo. Looking at piping well associated with north digester. Chord on right side leading into well is associated with heating lamp for piping.

Bottom two photos. Looking at ice accumulation on side of north digester.



ADDITIONAL INFORMATION / COMMENTS:

Facility pumping water from emergency lagoon to active wastewater lagoons in preparation for pumping material from north digester. NDEE Inspector Hillary Stoll on-site for inspection of emergency lagoon (see Photos below). Top photo looking east across "emergency lagoon." Bottom photo (looking south) shows water from "emergency lagoon" being pumped north to site wastewater lagoons.



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 West 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 containments structure that failed and contaminants.

STOP 6 – ALTEN LLC Facility Digesters

Call facility (KEN PETERSON – 6[REDACTED]) prior to entry, check in at office if required, proceed to the digesters. HARD HAT and Safety Glasses – We need to confirm efforts to prevent a second release from this area.