

Morrow, Kirk

From: Morrow, Kirk
Sent: Saturday, February 20, 2021 6:45 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 20 (PM))
Attachments: ALTEN OBSERVATIONS (Capps PMFEB20).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



DATE: 2/20/2020

INVESTIGATOR: Sam Capps

WEATHER: 31°- 37° Sunny

**STOP 1 – HIGHWAY 66 WEST of
ASHLAND GUN CLUB**

Time: 1430

No change from previous reports.

Camera malfunctioned and did not save the one photo taken at this stop. Observed same conditions as M. Lohnes 2/20/21am report.

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

Time: 1443

No change from previous reports

Photo facing up stream to the Northwest



STOP 3 – Road 7/Highway 66

Time: 1453

No contamination present. Water standing at the entrance of the culvert.

Representatives from Clean Harbors (Steve Clason and helper) and AtIEn (Ken Peterson and helper) were onsite.

Steve explained they had removed sandbags, plywood and tarp from the culvert. They dug out all of the ice at the culvert and were in the process of inflating the packer, with generator at the truck, to place in the culvert.



Photo: Entrance of culvert.



Hole G. Michl chipped into ice on 2/18/21



Photo: Packer being inflated.



Photo: Taken upslope from culvert



Photo: Clean Harbors truck with sandbags and generator used to air up packer.



STOP 4 – County Road 8, North of Road H

Time: 1509

Discolored ice present. Slight thawing occurred since M. Lohnes am trip No significant change from previous report.

Photo: Hole in ice. No standing water in hole



Photo: Discolored ice chunks

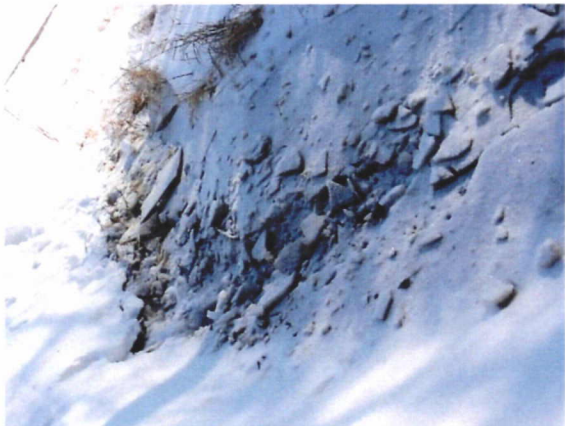


Photo: Ice beginning to thaw. Facing upstream.



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

Time: 1519

Odor present. Pumping did not appear to be occurring at the time of visit. Tractor, backhoe, and pump on site.

Terracon representative (James Koehler) arrived at the same time I did.

James explained that pumping was occurring when he was there at 0950 that morning. He walked the bank upstream and said things looked good. Mentioned that hose going to the north went to AltEn lagoon.

Photos: Various angles showing set up for to complete pumping.



Photo: Hose laid to the north. Terracon said that it went to AltEn lagoon.



**STOP 6 – ALTEN LLC FACILITY
DIGESTERS**

Time: 1531

Terracon representative (James Koehler) arrived at same time. AltEn representative (Ken Peterson) on site.

Odor present.
Much of the snow and ice was melting and stillage discharge water could be seen across the property.

James stated that pumping from emergency lagoon into waste water lagoon was occurring near digester 1.

Photo: Hose pumping out of emergency lagoon.

Photo: Pump at emergency lagoon.



Photo: Hose coming off of pump.



Photo: Area near Digester 1



Photo: Digester 1 pipe/valve with standing stillage discharge water.



Photo: Standing stillage discharge water on ground between Digester 1 and Digester 2



Photo: More standing stillage discharge water on ground between Digester 1 and Digester 2



Photo: Covered pipe/valve on Digester 2



Photos: Continuous leak on Digester 2



Photo: Area behind Digester 2 with significant ice build up. Several inches thick.



ADDITIONAL INFORMATION / COMMENTS:

Odor present at stop 5 and 6.

Large area behind Digester 2 was observed while walking to the road to leave site. Ice was several inches thick. It had large cracks and holes because of thawing. Ken Peterson said that all of the ice was from the initial release of stillage discharge water.

