Message

From: Carey, Curtis [Carey.Curtis@epa.gov]
Sent: 9/28/2021 7:03:59 PM
To: Beringer, Mike [Beringer.Michael@epa.gov]; Compher, Michael [compher.michael@epa.gov]
Subject: Final Statement on AltEn GMAP to send to NDEE

Mike Beringer:

Are you the correct person to send NDEE our final statement on the Preliminary Results? Here are the addressees and the final statement.

To: brad.pracheil@nebraska.gov; thomas.buell@nebraska.gov; carla.felix@nebraska.gov; compher.michael@epa.gov;
CC: Davis.Michael@epa.gov; Bednar.Candace@epa.gov; hamilton.scott@epa.gov; Haile.Katherine@epa.gov; fuoco.marta@epa.gov; siegel.kathryn@epa.gov; rowan.anne@epa.gov; kelley.jeff@epa.gov; carey.curtis@epa.gov;

Subject: EPA Provides NDEE with Preliminary Results of AltEn Facility Air Monitoring

On September 14-16, 2021, the U.S. Environmental Protection Agency conducted mobile air quality monitoring using the EPA's GMAP vehicle (see fact sheet for details) around AltEn ethanol plant and Mead Cattle in Mead, NE. The GMAP measures for five air pollutants: hydrogen sulfide (H_2S), methane (CH_4), benzene (C_6H_6), toluene (C_7H_8), and p-xylene (C_8H_{10}).

Preliminary results from the GMAP indicate reportable levels of H_2S and CH_4 and no reportable levels of C_6H_6, C_7H_8, or C_8H_{10}. Elevated concentrations of H_2S were measured on the AltEn property and on a shared roadway between AltEn and Mead Cattle; elevated concentrations of H_2S were also measured approximately ½ mile downwind of the facilities on road J on 9/14/2021. Reportable H_2S was not measured downwind of the facilities on road K or in the community of Mead, NE on 9/15/2021 and 9/16/2021, while strong odors had been observed both days on-site at the AltEn facility by the GMAP operators. The EPA also collected ambient air samples that will be used to determine whether other volatile pollutants are present at the facility and whether they are moving off-site. These samples are currently undergoing analysis and review.

The EPA's preliminary findings from all air monitoring systems are that no air pollutants sampled present an immediate health threat. The EPA is reviewing all the data and will provide NDEE with a report summarizing this air monitoring activity in the coming weeks.

EPA Provides Support to NDEE: AltEn Facility, Mead, Nebraska - Fact Sheet, September 2021
NDEE Public Information: Information and Updates for AltEn near Mead, Nebraska

EPA Contact: Curtis Carey, Public Affairs, 913-551-7506, carey.curtis@epa.gov