Message

From: Green, Jamie [Green.Jamie@epa.gov]
Sent: 3/28/2019 12:39:46 AM
To: Sans, Cynthia [Sans.Cynthia@epa.gov]; Breedlove, Dan [Breedlove.Dan@epa.gov]; Weekley, Erin [weekley.erin@epa.gov]; Hamera, Donald [Hamera.Don@epa.gov]; Werner, Leslye [Werner.Leslye@epa.gov]
CC: Daniels, Michael [daniels.michael@epa.gov]; Rosado-Chaparro, Wilfredo [Rosado-Chaparro.Wilfredo@epa.gov]
Subject: Enforcement Confidential - Ethanol Facility - NE
Attachments: AltEn distribuition map.docx; treated seed bag labels; DDG wet cake photos; FW: Test methods for pesticides fungicides

I received a call from NDA re this facility. They have been working closely with NDEQ on the site. The facility processes waste/unsold seed corn for ethanol production. It is believed that this is the only type of corn they use and they have been doing so for about 1.5 or more. The wet cake resulting from the process was previously approved as a soil conditioner by NDA. As such, the facility takes it and piles it on fields for land application at a later time. This winter, frozen ground likely delayed land application and incorporation. Strong odors resulted in numerous complaints to DEQ, alleged visits to ER for respiratory issues, and concerns for wildlife and water quality.

NDA obtained some material for analysis and found residues of various seed treatment pesticides (primarily fungicides and neonics). Ex. 5 DP / Ex. 7(A)

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Ex. 5 DP / Ex. 7(A)

Apologies for long e-mail but don't know when I'll have a chance to catch you all up in person and wanted to put it on your collective radar. Erin – we can probably touch base at the ECAD meeting tomorrow.

From: Creger, Tim <tim.creger@nebraska.gov>
Sent: Wednesday, March 27, 2019 11:31 AM
To: Green, Jamie <Green.Jamie@epa.gov>
Subject: RE: DDG wet cake photos

Yes, there are a number of small creeks and ephemeral streams involved. The attached map is a rough estimate of the area. The ethanol plant is ¼ mile south of Mead, NE, and there have been reports submitted to NDEQ from as far away as 5 miles west of Wahoo as disposal site. There's a new lake just north of Wahoo, called Lake Wanahoo (seriously) that is claimed to have multiple dump sites in the upstream watershed feeding into the lake. That lake was designed for flood control and recreation, meaning it is stocked with game fish and actively fished year-round.

Tim Creger
Pesticide/Fertilizer Program Manager | ANIMAL & PLANT HEALTH PROTECTION
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From: Green, Jamie <Green.Jamie@epa.gov>
Sent: Wednesday, March 27, 2019 9:57 AM
To: Creger, Tim <tim.creger@nebraska.gov>
Cc: Weekley, Erin <weekley.erin@epa.gov>; Daniels, Michael <daniels.michael@epa.gov>
Subject: RE: DDG wet cake photos

Do have any locational info on the piles? Any of them close to streams, etc.?

From: Creger, Tim <tim.creger@nebraska.gov>
Sent: Wednesday, March 27, 2019 9:29 AM
To: Green, Jamie <Green.Jamie@epa.gov>
Subject: DDG wet cake photos

Jamie,

Hopefully, our e-mail servers will allow me to send you 17 MB worth of photos – it normally only stops after 20-30. The first three photos were provided to me by NDEQ who was at the plant last summer and fall and interviewed some of the facility management about the ethanol process. The last three were taken by me on January 29th when Buzz, I and an NDEQ inspector visited some of the field sites where the wet cake had been hauled. The first two of the three field photos also represent the pile we collected our sample from that was reported with high residues of pesticides.

Tim Creger
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