

## Caldwell, Dwayne

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**From:** HARRIS, JAMES  
**Sent:** Tuesday, April 16, 2024 10:30 AM  
**To:** Caldwell, Dwayne  
**Subject:** RE: RM 111805 Adams County Fertilizer

Hi Dwayne, I looked at this spill site further and I feel all nearby water wells are well protected by 60ft – 100ft of clay overlying the limestone aquifer that lies 60ft to 100ft beneath the surface. I don't think this spill will ever reach the aquifer.

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**From:** Caldwell, Dwayne <DCaldwel@idem.IN.gov>  
**Sent:** Friday, April 5, 2024 9:59 AM  
**To:** HARRIS, JAMES <JHARRIS@idem.IN.gov>  
**Subject:** RE: RM 111805 Adams County Fertilizer

Thank for that info! Enjoy the time off!

D



Dwayne S. Caldwell  
On Scene Coordinator Emergency Response  
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Indiana Department of Environmental Management

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**From:** HARRIS, JAMES <[JHARRIS@idem.IN.gov](mailto:JHARRIS@idem.IN.gov)>  
**Sent:** Friday, April 5, 2024 9:54 AM  
**To:** Caldwell, Dwayne <[DCaldwel@idem.IN.gov](mailto:DCaldwel@idem.IN.gov)>  
**Subject:** Re: RM 111805 Adams County Fertilizer

Hi Dwayne, I'm actually off today through Monday, but I'll take a close look at this next week. It's way too early to sample any potentially impacted homes. I think this area has a thick clay till cover which will protect the deeper aquifer from ever being impacted. I'll have to check on the possibility of any shallow aquifer in this area. Usually well drillers will go for the deeper well protected aquifers when possible.  
Sent from my iPhone

On Apr 5, 2024, at 9:30 AM, Caldwell, Dwayne <[DCaldwel@idem.in.gov](mailto:DCaldwel@idem.in.gov)> wrote:

<image001.gif>

Good Morning!

Would you know if IDEM has anyone who can help me figure out if well testing is needed near a liquid 28 fertilizer spill? An AST released ~4000 gallons onto a packed gravel parking area. After the release there were three days of rain in the area. I did detect A/N in a ditch northeast of the property with a LaMotte kit.

The soil in the location per the soil maps is a Blount Silt Loan which is somewhat poorly drained and has a water table at 6-12”

There are 7 wells shown within a quarter mile of the site (map attached.) There are also a couple more Amish houses that do not show wells on GIS but I assume they have them.

One complication is this is an agricultural area, and we don't have any baseline water samples that I know of to use as a pre-incident comparison.

If anyone can point me in a direction I would appreciate the help.

Have a great weekend,

<image002.jpg>

Dwayne S. Caldwell

On Scene Coordinator Emergency Response

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<111805\_map\_4.4.24\_Adams\_DSC.pdf>