

**IOWA DEPARTMENT OF NATURAL RESOURCES
FIELD SERVICES AND COMPLIANCE BUREAU
FIELD OFFICE #2 - MASON CITY IOWA**

DATE: January 10, 2023

TO: The Record

FROM: Spencer Humphrey *SH*

SUBJECT: Application of Manure on Snow Covered Ground – 3435 Yarrow Ave,
Plymouth, IA, 50464 – Dwayne Christiansen, Complaint ID: 31614;
Worth County

On January 6, 2023, this office received a complaint that Dwayne Christiansen was surface applying liquid manure to snow covered ground.

On January 6, 2023, Jeremy Klatt and I investigated this complaint, it was discovered that manure had been surfaced applied to snow covered ground on approximately 4 acres in the SE ¼ of Section 27, Union Township (Photo 1). The surrounding fields measured approximately 1.5 inches of snow at the time of observation. Furthermore, it appeared that the 50-foot vegetated buffer between the manure application and Rock Falls Creek was not being met at the time of application (Photo 2).

On January 6, 2023, Mr. Klatt and I spoke with Mr. Christiansen, Mr. Christiansen stated that he had a pipe freeze and burst in one of his nursery sites resulting in the need for an emergency manure application. Mr. Christiansen admitted to not contacting the Field Office even though he knew he was supposed to. He also stated that the field he applied to was under snow similar to the surrounding fields at the time of application.

Mr. Christiansen was informed that even though it was an emergency he still needed to seek approval from the Field Office. Furthermore, he needed to be mindful of riparian buffers, a NOV letter was sent.

Photo 1. Liquid manure surfaced applied on January 6, 2023



Photo 2. Riparian buffer zone on January 6, 2023



Dwayne Christiansen
January 6, 2023
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Manure application field in Section 27 of Union Township along Warbler Ave.

