

NM2: Application Restriction Compliance Check Report

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|--|-----------------|
| For Years | 2023 - 2027 |
| Plan Year | 2023 |
| Reported For | Minglewood, Inc |
| Printed | 2023-01-24 |
| Plan Completion/Update Date | 2023-01-24 |
| SnapPlus Version 20.4 built on 2021-06-03 | |
| C:\Users\Haily Sand\OneDrive - URUS\Agsource Data Backup\Accounts INMPs 122_CAF0_MinglewoodInc_4365\20_MinglewoodInc_Repermit.snapDb | |

Prepared for:
Minglewood, Inc
attn:Kevin Solum/Krisitin Solum-Quist
74 105 st
Deer Park, 54007

WPDES Permitted Farm

Manure Credits: 2nd Year

Strategy(ies) for applying manure adjacent to navigable water, conduits to navigable water or wetlands:

1. No applications within 25 ft; inject or immediately incorporate in rest of SWQMA
2. No applications within 25 ft; Long-term, no-till; surface apply in the rest of SWQMA
3. No applications within 100 ft.

Manure will be applied to the following fields with SWQMA, W, or R soil restrictions:

For fields with W soil restrictions:

CAFO field areas that may have groundwater within 2 feet of surface at time of manure application will be verified prior to application for

(1) groundwater depth or

(2) presence of functioning drain tiles within all wet field areas to ensure groundwater depth is below 2 feet of surface.

These fields will have specific records of these investigations, including methods used, which will be maintained within the NMP.

| Field Name / Crop Year | In SWQMA | Has W Soils | W Soil Acknowledged | Has R Soils | R Soil Acknowledged |
|------------------------|----------|-------------|---------------------|-------------|---------------------|
| Amundsen | Yes | Yes | Yes | No | NA |
| Barry Black | Yes | No | NA | No | NA |
| Benny Boes | Yes | No | NA | No | NA |
| Betty | Yes | Yes | Yes | No | NA |

| Field Name / Crop Year | In SWQMA | Has W Soils | W Soil Acknowledged | Has R Soils | R Soil Acknowledged |
|------------------------|----------|-------------|---------------------|-------------|---------------------|
| Big Marv | Yes | No | NA | No | NA |
| Bins | Yes | No | NA | No | NA |
| Boes | Yes | No | NA | No | NA |
| Burger | Yes | Yes | Yes | No | NA |
| Christianson | Yes | No | NA | No | NA |
| Danny | Yes | No | NA | No | NA |
| Deer Park | Yes | No | NA | No | NA |
| Dennis Henke | Yes | No | NA | No | NA |
| Detar | Yes | No | NA | No | NA |
| Ditlefson-Church | Yes | No | NA | No | NA |
| Dorsey | Yes | Yes | Yes | No | NA |
| Duke E | Yes | No | NA | No | NA |
| Duke S | Yes | No | NA | No | NA |
| Duke W | Yes | No | NA | No | NA |
| Fansler | Yes | No | NA | No | NA |
| Fouks | Yes | Yes | Yes | No | NA |
| Gary | Yes | Yes | Yes | No | NA |
| Hagen | Yes | No | NA | No | NA |
| Hansen | Yes | No | NA | No | NA |
| Hoff | Yes | Yes | Yes | No | NA |
| Hogland | Yes | No | NA | No | NA |
| House | Yes | No | NA | No | NA |
| John E | Yes | No | NA | No | NA |
| Junior | Yes | No | NA | No | NA |
| Kermit E | Yes | Yes | Yes | No | NA |

| Field Name / Crop Year | In SWQMA | Has W Soils | W Soil Acknowledged | Has R Soils | R Soil Acknowledged |
|------------------------|----------|-------------|---------------------|-------------|---------------------|
| Kermit S | Yes | No | NA | No | NA |
| Kermit W | Yes | Yes | Yes | No | NA |
| Kimble | Yes | No | NA | No | NA |
| Little Marv | Yes | No | NA | No | NA |
| Lutz | Yes | No | NA | No | NA |
| Measner | Yes | Yes | Yes | No | NA |
| Mildred Jerdee | Yes | No | NA | No | NA |
| Moore | Yes | Yes | Yes | No | NA |
| Ness | Yes | No | NA | No | NA |
| New Deer Park | Yes | Yes | Yes | No | NA |
| Pickard | Yes | No | NA | No | NA |
| Pit | Yes | No | NA | No | NA |
| Ritchie | Yes | No | NA | No | NA |
| Ruds E | Yes | No | NA | No | NA |
| Ruds M | Yes | No | NA | No | NA |
| Warren Henke | Yes | No | NA | No | NA |

This farm uses both PI and Soil Test P for P2O5 590 Compliance

Rotational Restriction Problems

No Rotational Problems found

Soil Test Problems

| Field Name | Soil Test Date | Too Few Soil Samples | Soil Test Too Old |
|------------|----------------|----------------------|-------------------|
| Goodrich | 2020-05-26 | X | |

Soil Test Problems Legend

| | |
|------------------------|---------------------------------------|
| Too Few Soil Samples | Less than one sample per five acres. |
| Soil Test Data Too Old | Soil test is greater than 4 years old |

Application Restriction Problems

| Field Name | Year | Problem | Explanation |
|---------------|------|---|---|
| Amery | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N split applied |
| Boes | 2026 | This plan uses purchased fertilizer to apply more P2O5 than is recommended for the crop rotation on this field. The P2O5 soil test interpretation is Excessively High for this field. Reduce or eliminate P2O5 fertilizer on this field. | P = Starter only |
| Deer Park | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N = split applied |
| John E | 2026 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N = split applied |
| Kermit S | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N = split applied |
| Kermit W | 2024 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N inhibitor used |
| Kimble | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N = split applied |
| Lutz | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N split applied |
| Measner | 2023 | This field has fall or late-summer N applications in excess of what is allowed for W soils with a high N-leaching potential. Overapplication of 33 lbs N/acre. | addressed |
| New Deer Park | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N = split applied Field verification TBD |

| Field Name | Year | Problem | Explanation |
|------------|------|---|-------------------|
| Pickard | 2023 | Spring or summer N fertilizer applications on this field do not meet the requirements for highly permeable soils. Use one of these: split applications, a nitrification inhibitor with ammonium forms of N, or a slow - release N fertilizer. | N = split applied |
| Pickard | 2023 | P2O5 applied as starter to corn should be applied at planting and placed subsurface with, or in a band in close proximity to, the seed. | N = split applied |