

NM2: Application Restriction Compliance Check Report

For Years	2023 - 2027	Prepared for: Ridge Breeze Dairy attn:Brad Gerrits 2686 390th Ave Maiden Rock, 54750
Plan Year	2024	
Reported For	Ridge Breeze Dairy	
Printed	2024-04-18	
Plan Completion/Update Date	2024-01-25	Prepared by: Tilth Agronomy Group W7684 Hillwood Court Hortonville, 54944 920-858-5756, nathen@tilthag.com
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C:\Users\nathen\Documents\Snap Plus\Ridge Breeze Dairy.snapDb		

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
04-01-001	Yes	No	NA	No	NA
04-01-002	Yes	No	NA	No	NA
04-01-003	Yes	No	NA	No	NA
04-02-002	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-02-003	Yes	No	NA	No	NA
04-02-004	Yes	No	NA	No	NA
04-02-005	Yes	No	NA	No	NA
04-02-006	Yes	No	NA	No	NA
04-02-007	Yes	No	NA	No	NA
04-02-008	Yes	No	NA	No	NA
04-02-009	Yes	No	NA	No	NA
04-02-010	Yes	No	NA	No	NA
04-02-011	Yes	No	NA	No	NA
04-02-012	Yes	No	NA	No	NA
04-02-013	Yes	No	NA	No	NA
04-02-014	Yes	Yes	Yes	No	NA
04-02-015	Yes	No	NA	No	NA
04-02-016	Yes	No	NA	No	NA
04-02-017	Yes	No	NA	No	NA
04-02-018	Yes	No	NA	No	NA
04-02-019	Yes	No	NA	No	NA
04-02-020	Yes	No	NA	No	NA
04-02-021	Yes	No	NA	No	NA
04-02-022	Yes	Yes	Yes	No	NA
04-02-023	Yes	No	NA	No	NA
04-02-024	Yes	No	NA	No	NA
04-02-025	Yes	No	NA	No	NA
04-02-026	Yes	No	NA	No	NA
04-02-027	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-02-028	Yes	No	NA	No	NA
04-02-029	Yes	No	NA	No	NA
04-02-030	Yes	No	NA	No	NA
04-02-031	Yes	No	NA	No	NA
04-02-032	Yes	No	NA	No	NA
04-02-033	Yes	No	NA	No	NA
04-02-034	Yes	No	NA	No	NA
04-02-035	Yes	No	NA	No	NA
04-02-036	Yes	No	NA	No	NA
04-02-037	Yes	No	NA	No	NA
04-02-038	Yes	No	NA	No	NA
04-02-039	Yes	Yes	Yes	No	NA
04-02-040	Yes	No	NA	No	NA
04-02-041	Yes	No	NA	No	NA
04-02-042	Yes	No	NA	No	NA
04-02-043	Yes	No	NA	No	NA
04-02-044	Yes	No	NA	No	NA
04-02-045	Yes	No	NA	No	NA
04-02-046	Yes	No	NA	No	NA
04-02-047	Yes	No	NA	No	NA
04-02-049	Yes	No	NA	No	NA
04-02-050	Yes	No	NA	No	NA
04-02-051	Yes	No	NA	No	NA
04-02-052	Yes	No	NA	No	NA
04-02-053	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-02-054	Yes	No	NA	No	NA
04-02-055	Yes	No	NA	No	NA
04-02-056	Yes	No	NA	No	NA
04-02-057	Yes	No	NA	No	NA
04-02-058	Yes	No	NA	No	NA
04-02-059	Yes	No	NA	No	NA
04-02-060	Yes	No	NA	No	NA
04-02-061	Yes	No	NA	No	NA
04-02-062	Yes	No	NA	No	NA
04-02-063	Yes	No	NA	No	NA
04-02-064	Yes	No	NA	No	NA
04-02-065	Yes	No	NA	No	NA
04-02-066	Yes	No	NA	No	NA
04-02-067	Yes	No	NA	No	NA
04-02-068	Yes	No	NA	No	NA
04-02-069	Yes	No	NA	No	NA
04-02-070	Yes	No	NA	No	NA
04-02-071	Yes	No	NA	No	NA
04-02-072	Yes	No	NA	No	NA
04-02-074	Yes	No	NA	No	NA
04-02-075	Yes	No	NA	No	NA
04-02-076	Yes	No	NA	No	NA
04-02-077	Yes	No	NA	No	NA
04-02-078	Yes	No	NA	No	NA
04-02-079	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-02-080	Yes	No	NA	No	NA
04-02-081	Yes	No	NA	No	NA
04-02-082	Yes	No	NA	No	NA
04-02-083	Yes	No	NA	No	NA
04-02-084	Yes	No	NA	No	NA
04-02-085	Yes	No	NA	No	NA
04-02-086	Yes	No	NA	No	NA
04-02-088	Yes	Yes	Yes	No	NA
04-02-089	Yes	Yes	Yes	No	NA
04-02-090	Yes	Yes	Yes	No	NA
04-02-091	Yes	No	NA	Yes	Yes
04-02-092	Yes	Yes	Yes	No	NA
04-02-093	Yes	No	NA	No	NA
04-02-094	Yes	No	NA	No	NA
04-02-095	Yes	No	NA	No	NA
04-02-096	Yes	No	NA	No	NA
04-02-097	Yes	No	NA	No	NA
04-02-098	Yes	No	NA	No	NA
04-02-099	Yes	No	NA	No	NA
04-02-100	Yes	No	NA	No	NA
04-02-101	Yes	No	NA	No	NA
04-03-002	Yes	No	NA	No	NA
04-03-003	Yes	No	NA	No	NA
04-03-004	Yes	No	NA	No	NA
04-03-005	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-03-006	Yes	No	NA	No	NA
04-03-007	Yes	No	NA	No	NA
04-03-008	Yes	No	NA	No	NA
04-03-009	Yes	No	NA	No	NA
04-03-010	Yes	No	NA	No	NA
04-03-011	Yes	No	NA	No	NA
04-03-012	Yes	No	NA	No	NA
04-03-013	Yes	No	NA	No	NA
04-03-014	Yes	No	NA	No	NA
04-03-015	Yes	No	NA	No	NA
04-03-016	Yes	No	NA	No	NA
04-03-017	Yes	No	NA	No	NA
04-03-018	Yes	No	NA	No	NA
04-03-019	Yes	No	NA	No	NA
04-03-020	Yes	No	NA	No	NA
04-03-021	Yes	No	NA	No	NA
04-03-022	Yes	No	NA	No	NA
04-03-023	Yes	No	NA	No	NA
04-03-025	Yes	No	NA	No	NA
04-03-026	Yes	No	NA	No	NA
04-03-027	Yes	No	NA	No	NA
04-03-028	Yes	No	NA	No	NA
04-03-029	Yes	No	NA	No	NA
04-03-030	Yes	No	NA	No	NA
04-03-031	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-03-032	Yes	No	NA	No	NA
04-03-033	Yes	No	NA	No	NA
04-03-034	Yes	No	NA	No	NA
04-03-035	Yes	No	NA	No	NA
04-03-036	Yes	No	NA	No	NA
04-03-037	Yes	No	NA	No	NA
04-03-038	Yes	No	NA	No	NA
04-03-039	Yes	No	NA	No	NA
04-04-001	Yes	No	NA	No	NA
04-04-002	Yes	No	NA	No	NA
04-04-003	Yes	No	NA	No	NA
04-04-004	Yes	No	NA	No	NA
04-04-005	Yes	No	NA	No	NA
04-04-006	Yes	No	NA	No	NA
04-04-007	Yes	No	NA	No	NA
04-04-008	Yes	No	NA	No	NA
04-04-010	Yes	No	NA	No	NA
04-04-011	Yes	No	NA	No	NA
04-04-012	Yes	Yes	Yes	No	NA
04-04-013	Yes	Yes	Yes	No	NA
04-04-015	Yes	No	NA	No	NA
04-04-016	Yes	No	NA	No	NA
04-05-003	Yes	Yes	Yes	No	NA
04-06-001	Yes	No	NA	No	NA
04-06-002	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-06-003	Yes	No	NA	No	NA
04-06-004	Yes	No	NA	No	NA
04-07-004	Yes	No	NA	No	NA
04-07-006	Yes	No	NA	No	NA
04-07-007	Yes	No	NA	No	NA
04-08-001	Yes	No	NA	No	NA
04-08-002	Yes	No	NA	No	NA
04-08-003	Yes	No	NA	No	NA
04-08-005	Yes	No	NA	No	NA
04-08-006	Yes	No	NA	No	NA
04-08-007	Yes	Yes	Yes	No	NA
04-08-008	Yes	No	NA	No	NA
04-08-011	Yes	No	NA	No	NA
04-08-012	Yes	No	NA	No	NA
04-08-013	Yes	No	NA	No	NA
04-08-014	Yes	No	NA	No	NA
04-08-015	Yes	No	NA	No	NA
04-08-016	Yes	No	NA	No	NA
04-08-017	Yes	No	NA	No	NA
04-08-019	Yes	No	NA	No	NA
04-08-021	Yes	No	NA	No	NA
04-08-024	Yes	No	NA	No	NA
04-08-025	Yes	No	NA	No	NA
04-08-026	Yes	No	NA	No	NA
04-08-027	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-09-001	Yes	No	NA	No	NA
04-09-002	Yes	No	NA	No	NA
04-10-001	Yes	Yes	Yes	No	NA
04-10-002	Yes	No	NA	No	NA
04-10-004	Yes	No	NA	No	NA
04-10-005	Yes	No	NA	No	NA
04-10-006	Yes	Yes	Yes	No	NA
04-10-007	Yes	Yes	No	No	NA
04-10-008	Yes	Yes	No	No	NA
04-10-009	Yes	No	NA	No	NA
04-10-010	Yes	No	NA	No	NA
04-10-011	Yes	No	NA	No	NA
04-10-012	Yes	No	NA	No	NA
04-10-013	Yes	No	NA	No	NA
04-10-017	Yes	No	NA	No	NA
04-10-018	Yes	No	NA	No	NA
04-10-019	Yes	No	NA	No	NA
04-10-020	Yes	No	NA	No	NA
04-10-021	Yes	No	NA	No	NA
04-10-022	Yes	No	NA	No	NA
04-10-023	Yes	No	NA	No	NA
04-10-029	Yes	No	NA	No	NA
04-10-030	Yes	No	NA	No	NA
04-10-031	Yes	No	NA	No	NA
04-10-032	No	Yes	Yes	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-10-033	No	Yes	Yes	No	NA
04-10-034	Yes	No	NA	No	NA
04-10-035	Yes	No	NA	No	NA
04-10-036	Yes	No	NA	No	NA
04-10-037	Yes	No	NA	No	NA
04-10-038	Yes	No	NA	No	NA
04-10-040	Yes	No	NA	No	NA
04-15-001	Yes	No	NA	No	NA
04-15-002	Yes	No	NA	No	NA
04-15-003	Yes	No	NA	No	NA
04-15-004	Yes	No	NA	No	NA
04-15-005	Yes	No	NA	No	NA
04-16-001	No	Yes	No	No	NA
04-16-002	Yes	Yes	No	No	NA
04-16-003	Yes	No	NA	No	NA
04-16-004	Yes	No	NA	Yes	No
04-16-005	Yes	No	NA	No	NA
04-16-006	Yes	No	NA	No	NA
04-16-008	Yes	Yes	No	No	NA
04-16-009	Yes	Yes	No	No	NA
04-16-010	Yes	No	NA	No	NA
04-16-011	Yes	Yes	No	No	NA
04-16-012	Yes	No	NA	No	NA
04-17-001	Yes	No	NA	No	NA
04-17-002	Yes	No	NA	No	NA

Field Name / Crop Year	In SWQMA	Has W Soils	W Soil Acknowledged	Has R Soils	R Soil Acknowledged
04-17-003	Yes	No	NA	No	NA
04-17-004	Yes	No	NA	No	NA
04-17-005	Yes	No	NA	No	NA
04-17-006	Yes	No	NA	No	NA
04-17-009	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

No Soil Test Problems

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
04-02-024	2023	There is a planned fall application of manure with less than 4% dry matter to this field with a P and/or R leaching susceptibility designation. This application is not allowed without the use of a nitrification inhibitor unless the manure is surface applied without incorporation for 3 days.	Manure tested with less OM than anticipated. A nitrogen inhibitor was not used.
04-02-025	2023	There is a planned fall application of manure with less than 4% dry matter to this field with a P and/or R leaching susceptibility designation. This application is not allowed without the use of a nitrification inhibitor unless the manure is surface applied without incorporation for 3 days.	Manure tested with less OM than anticipated. A nitrogen inhibitor was not used.

Field Name	Year	Problem	Explanation
04-02-079	2023	There is a planned fall application of manure with less than 4% dry matter to this field with a P and/or R leaching susceptibility designation. This application is not allowed without the use of a nitrification inhibitor unless the manure is surface applied without incorporation for 3 days.	Farm applied the thickest manure possible from the main pit. A N inhibitor was not applied.
04-10-003	2023	Overapplication of fertilizer N of 29 lbs N/acre.	Recorded as applied by cooperating grower.
04-10-012	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 application w/ Agrotain used Fertilizer application made prior to farm joining NMP.
04-10-014	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 application w/ Agrotain used Default 101 soil test P
04-10-032	2023	Overapplication of fertilizer N of 17 lbs N/acre.	N split application w/ Agrotain used N application occurred prior to joining this NMP
04-10-034	2023	Overapplication of fertilizer N of 17 lbs N/acre.	N split application w/ Agrotain used N application occurred prior to joining this NMP
04-10-034	2023	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 High for this field. Reduce or eliminate P2O5 fertilizer on this field.	N split application w/ Agrotain used N application occurred prior to joining this NMP