

Appendix M: Well Locations and Water Source

M.1 Location of Wells on Horizon Colony Farms Properties.

No wells are known to exist on Horizon Colony Farm. GWDriill (2021) does show a well at the northeast corner of SW-16-004-01W1, but this is not necessarily its exact location. See the well log in Appendix C.2. It appears to have been drilled between 1903 and 1923.

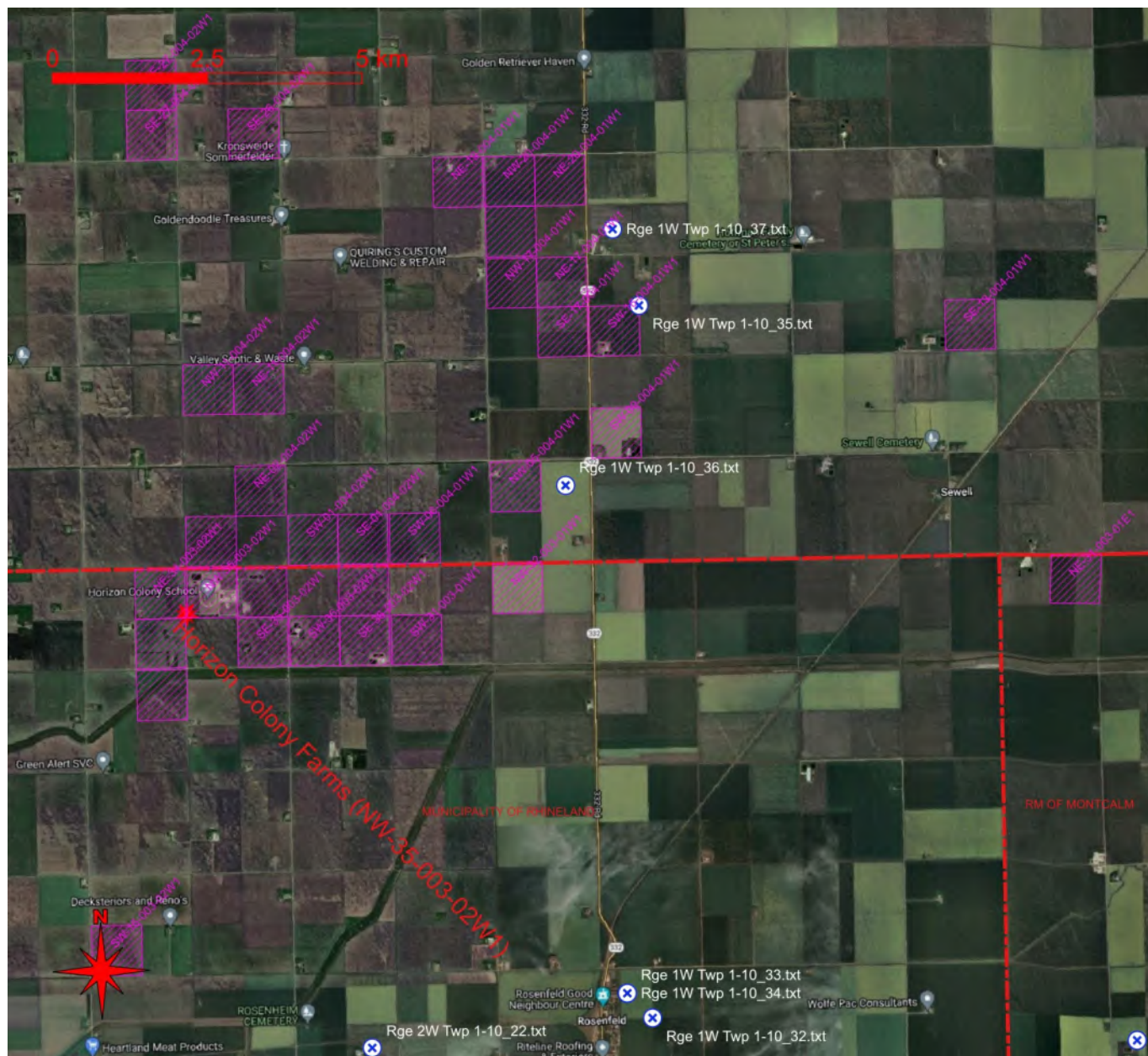


FIGURE 8: WELL LOCATIONS RELATIVE TO HORIZON COLONY FARMS PROPERTIES

Horizon Colony Farms -Livestock Technical
Committee Review
NW-35-003-02W1
Lowe Farm, Manitoba
DGH Project Number: 2707-002

DGH Engineering Ltd.
12 Aviation Boulevard
St. Andrews, MB, R1A 3N5
(204) 334-8846

M.2 Well Log: Rge 1W Twp 1-10_35.txt (DGH File).

Location: -4-1W
Well_PID: 60
Owner: UNKNOWN
Driller: MANITOBA GOVERNMENT
Well Name:
Well Use: PRODUCTION
Water Use: Domestic
UTMX: 606248
UTMY: 5462185
Accuracy XY: 5 GENERAL [1KM-8KM] [WITHIN TOWNSHIP]
UTMZ: 239
Accuracy Z: 5 GENERAL [10-15M]
Date Completed: 1903 Jan 01

WELL LOG

From (ft.)	To (ft.)	Log
0	60.0	CLAY
60.0	184.9	CLAY AND BOULDERS
184.9	189.9	SHALE; RED
189.9	199.9	LIMESTONE

No construction data for this well.

Top of Casing: 0 ft. below ground

PUMPING TEST

Date:
Pumping Rate: 0 Imp. gallons/minute
Water level before pumping: 60.0 ft. below ground
Pumping level at end of test: ?? ft. below ground
Test duration: hours, minutes
Water temperature: ?? degrees F

REMARKS

WELL DRILLED BETWEEN 1903-1923

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M.3 Water Sources for Horizon Colony Farms

M.3.1 Current Water Source and Use

Currently, all water for human consumption, domestic, and current livestock uses is provided by:

Altona Rural Water Services Co-op Ltd.
Box 1963
Altona, MB. R0G 0B0

M.3.2 Future Water Sources and Use

Currently, there are also 2 irrigation storage reservoirs that have also been constructed on NW-35-003-02W1. Each with a capacity of 10 million US gallons. In the future, Horizon Colony Farms is considering the construction of a treatment facility for this water. The water from this facility will specifically be used in their livestock operations. The Altona Rural Water Services Co-op Ltd. will still be used as the sole source of water for human consumption at Horizon Colony Farms.