



DAKOTA ENVIRONMENTAL, INC.

Engineers...Hydrogeologists...Geologists...Remedial Specialists

November 18, 2016

Robert Hill
Brookings County Zoning & Drainage Dept.
520 3rd Street, Suite 200
Brookings, SD 57006

Re: Proposed Variance
Oak Lake Dairy AWMS, Brookings County, SD
DEC Project No. 1419

Dear Mr. Hill:

Please find included with this letter information regarding the variance application for the above referenced facility. These materials are provided on behalf of the applicant for consideration by the Board.

During preparation of the application materials for this site in 2014, a search of DENR, DENR Water Rights, and US Geological Survey databases containing registered and/or logged wells was performed, which revealed no recorded wells within the required setback distance of the proposed site.

During the 2014 hearing, the presence of an abandoned well in the southwest quarter of section 2 was stated. Subsequent to the hearing, DE personnel stated that if desired, we would be willing to survey the well location if permission were arranged for us to enter the property.

When DE was recently informed that a new Conditional Use application would be required, we were also informed a variance from this well would be required. Since these would be handled as separate agenda items, the materials recently submitted for the Conditional Use application do not include information regarding the well setback or variance application.

With the assistance of the Planning office, the location of the well was plotted on aerial photographs and transferred to the map included with this letter. The location of the well is roughly 1200 feet north-northeast of the northeast corner of section 10, as shown. This location is roughly 1625 feet from the nearest structure of the proposed CAFO facility, and roughly 2335 feet from the nearest component of the proposed CAFO where manure or wastewater would be stored. It is our understanding that the applicant has requested a reduction of the setback distance from the well to 1400 feet. These distances are shown on the included map.

To our knowledge, the depth and configuration of the well have not been verified, and it is our understanding that it is not in use. Given the inactive status of the well, and the distance to the nearest proposed manure storage, it is our opinion that the variance would not be likely to result in substantial detriment to the adjacent property (the well).

11/18/16

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We hope you will find the included information helpful as you evaluate this application. Please feel free to contact me if there are any questions, or if further information is required.

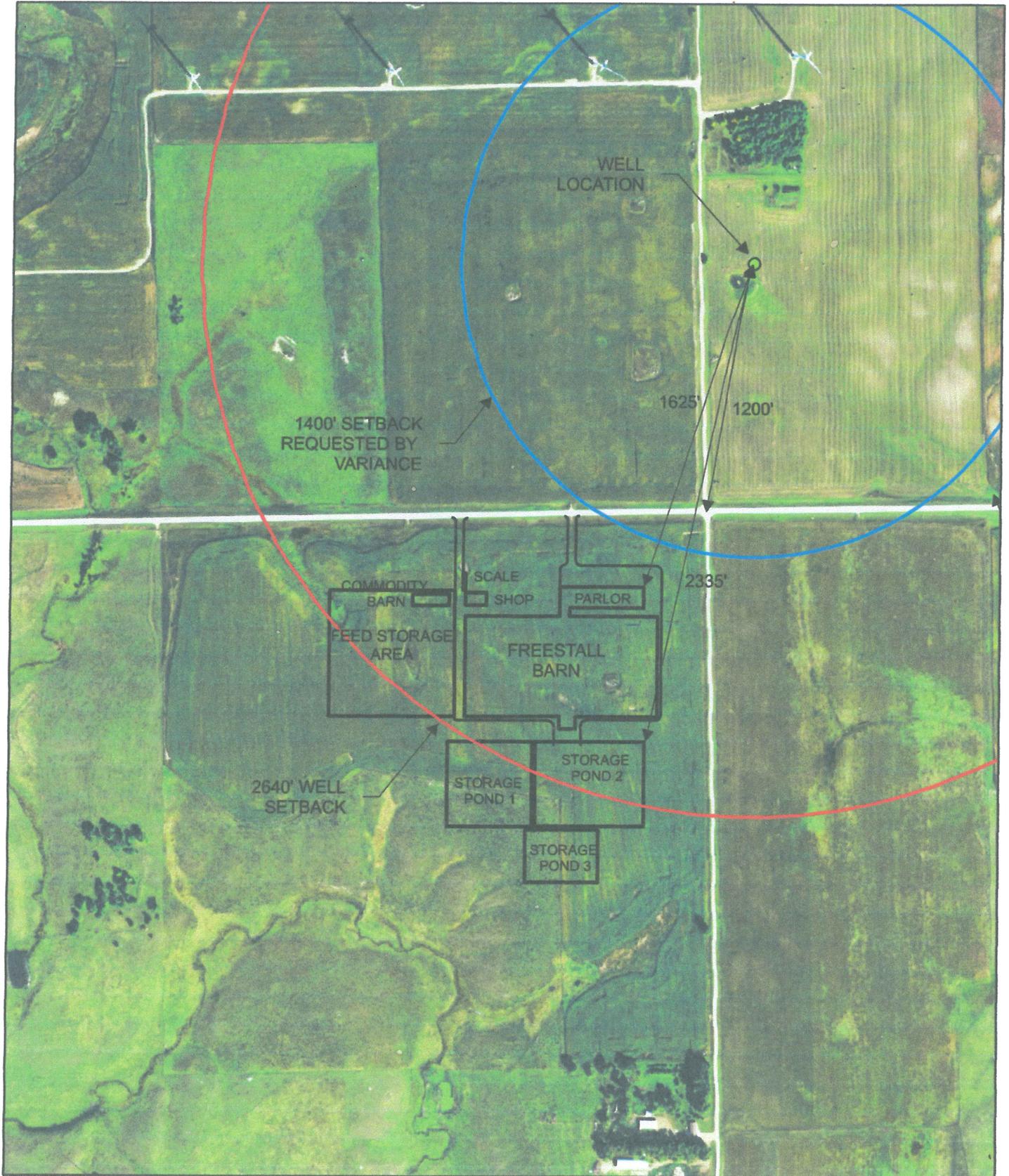
Sincerely,

A handwritten signature in cursive script, appearing to read "Brian Friedrichsen".

Brian Friedrichsen, PE
Senior Engineer

OAK LAKE DAIRY

REQUESTED VARIANCE



1 inch = 600 feet