



GRANT COUNTY SOUTH DAKOTA
PLANNING AND ZONING OFFICE
210 East 5th Avenue
Milbank, SD 57252-2499
Phone: 605-432-7580
Fax: 605-432-7515

Minutes for the meeting of Grant County Planning and Zoning/Board of Adjustment.

Members present: Nancy Johnson Tom Pillatzki Gary Lindeman Mike Mach Tom Adler
Richard Hansen

Alternates present:

Members absent: Bob Spartz

Others present: Thomas Thuringer Kate Capp LeRoy Capp Sean Simpson

Meeting Date: Tuesday, November 8, 2016 **Meeting Time: 4:30 P.M.**

1. Call Meeting to Order by Nancy Johnson at 4:31 pm
2. Reading of Grant County Board of Adjustment Procedural and Rules of Conduct
3. Approval of Minutes: October 11, 2016 by Adler second by Mach carries 6-0.
4. Plat Approvals
 - a. Harlan & Donna Olson, owners have requested the plat of Lot 1 Thuringer Subdivision in the SE1/4 of Section 7, Township 121 N Range 52 West of the 5th P.M., Grant County, South Dakota. (former Sisseton-Wahpeton Indian Reservation) (Blooming Valley Township) Mach asked why is the label Sisseton Wahpeton added to the title and it was explained the location of the plat is within the land that was the former reservation and needs to be demarked in that way. Motion by Hansen second by Lindeman carries 6-0.
5. Conditional Use/Variance Requests/Rezoning
6. New Business
 - a. Val Cameron resignation- Mike requests names of people to be submitted to the Commission.
 - b. Pipestone Systems 1 year review- Sean Simpson
Sean began by stating the financials of the Biofilter maintenance with \$2500 worth of additional chips between the biofilters and the compost with daily checkups of the sprinkler used for moisture and cooling. This is a FCT schedule routine done daily with filters and biofilters.
Sean presented information about an additive used in the pit that was started in June 2015 and done twice a year. The chemical from Agri Stat has a newer technology they have started to use to replace the product they had been using. With their own scientific control tests they feel it does a better job with the pits and they have spent \$17668 over the course of the year.
In their normal routine of business the inventory is below the annual Animal Units and the complaint of recent doesn't seem to have anything that was happening unusually on those days. Sean feels the facility is operating well and they have no structure failures with the facility or the filters that were recommended on the phase 1 deep pit fans. Nancy Johnson asked if they have had any neighbor contacts. Sean replied none had been relayed as he had spoken with the barn manager. Pillatzki asked about the chemical and if it was used to break down odor and solids and Sean answered it was used on 2 components and acted anaerobically. He feels the pit has had a chance to season or it is at a place for seasoning as it has had a chance to turn over once with an October application of manure to fields. There hasn't been much of an odor change it is where it is and at maximum output there isn't a dramatic change there is always going to be some odor.
Mach thanked Simpson for making the trip and visiting with them about the facility. He asked how much the filters have settled and Simpson replied there were 2 inches or so that were topped off during the summer and in the winter when they freeze and shrink there is some settling and more topping off is necessary. A question about the couple

fans without biofilters and it was explained that these were, in Dr Cortus' opinion noncontributing for odor as they are not much benefit in the farrowing barn with a shallow pit underneath and there is constant movement of the effluent to the big pit. Mach pointed out he watched in October and the manure company did a great job very professional and he had heard from a few other people that it was well done with the hoses and everything. There was just a couple concerns about the hoses over the creek and that maybe could be rethought. Mach then asked if this is a state of the art facility are garden hoses the best option for the biofilters and whether there is a better technology out there. Simpson explained the soaker hoses are on timers to go 4 times a day and are monitored by moisture checks. During rain they are turned off and documented in the checklist and every day they do moisture checks. The hoses are designed to trickle water over the top and down through the material and it is snaked throughout the medium as they were designed.

Pillatzki asked if the owners would consider more odor control on the farrowing barns by adding biofilters on those fans. Simpson stated he would not say "no" and would ask for the consideration but he cautioned that these were designed and developed using the science of SDSU and they had stated it was not a great use of funds. These fans do not run constantly and are temperature controlled to run when it is stuffy. Lindeman asked if the smell actually comes from the skin sluffing or shedding and whether the biofilters on these fans would stop the particles from carrying the odor. Simpson stated they treat it all as a part of the manure body but those fans run at the top of the barn over the animals not through them.

Pillatzki asked if they would be able to visit the facility and be onsite for a look see. Simpson pointed out that there aren't a lot of things that change or provide for a see approach but yes they would be available to set that up to see the box of woodchips as long as they would agree with the biosecurity measures. Pillatzki thought that would be fine and he expected that. Perhaps during a higher odor inclination timeframe in July would be a better time to see things working. Not probably at a time of complaint because it may not be evident by the time it is arranged, etc. Contact could be made and arrangements would be made for the P&Z Board members.

Mach stated he drives by the system often and doesn't seem to be smelling and he has asked truckdrivers that come to his business that may be more sensitive and they answer they don't smell it or even notice it most of the time. This is production and it is part of life. We can mitigate but can't eliminate.

7. Old Business
 - a. Administrative forms information and review- meeting Thursday morning with Todd, Mark, Karen and Krista. Nancy Johnson to also attend for the P&Z Board.
 - b. Review of ordinance 2016-01
8. Next meetings:
 - a. December 5, 2016 at 4 PM
9. Adjournment Motion by Mach second by Lindeman carries 6-0.

Krista Atyeo-Gortmaker
Planning and Zoning Officer
Grant County