

Date: 5/27/2021

The Meeting of the Planning Commission of the above captioned Townships held at the Burleigh Township Hall.

The meeting was called to order at 7:00 pm.

Planning commission members present: Jeff Webster, Mike Heger, Matt Jordan, Paul Birkenbach and Patti Jo Raynak.

Pledge of Allegiance recited at 7:02 pm and was done by All.

Minutes from 3/25/21 was read by Sec. Patti Jo. Was approved by Jeff Webster and 2<sup>nd</sup> by Paul Birkenbach and Matt Jordan.

Discussion/ Agenda: Guest present was Stacy McClure and Dave Keil.

Members of the Twining Gypsum mining was present to discuss what their next step is. John, John and Bill (sorry didn't get last names).

Completion would take from 4-5 years

They presented (3) maps. (1) a cross section of the soil – it has a 60 feet descent from the beginning to the end. (West to East). They have put in 15 cells thru out the property to see what the water is like. The 2<sup>nd</sup> map was of the surrounding wells. Which range from 30 feet to 300 feet (these are the property in the area that is involved in the mining. The water flow goes West to East and they stated that any living West of the project would have no worries of wells going dry or contamination They also are not concerned w/ any contamination. 3<sup>rd</sup> map was the water flow on the property.

They advised that they were concerned w/ the wetlands across the road (which is 1 ½ acres and the Burleigh drain (which is on the East end of the property. The water going over this piece of property is 2200 gals per day (which is surface water and again flows west to east).

They will mine in 5 acres cells (sections) and will be starting by M-65 1<sup>st</sup>. Each cell will restore the 1<sup>st</sup> cell they started with. Each cell will have a settling pond that will allow the water to leach back into the ground. The Pit (Lake) will be a 39 to 50 acres pit. Which will have a clay lining.

The Burleigh drain will be 1500 feet from the center of the pit and may have a tenth of an inch drop from the mining. The wetland from the center of the pit is 625 feet and may have 1.07 feet of water drop. The lake will be from 25 to 30 feet deep when finish.

Jeff brought up if the property owner east of the mining site would lose water or flow rate would drop, they would replace the wells and have it in writing (they assure that they had nothing to worry about /but would discuss it more). John stated that 10 years ago the water was lower than it is now and started several reasons why a well may go dry. But they would discuss it more and would possibly do ground with the property owners. They also stated that if any property owner was affected it would be owners ¼ to ½ mile east of the site (if it really happened).

Before they can start, they have to get permits from the Eagle (DET). They will have road access off of M-65 on to the property.

They also will put a pipe in so the Whittmore-Burleigh- Reno Fire Dept. has access to getting water do fires.

We all agreed all in all it looked like a good project to do for Burleigh Township.

Agenda at 9:03 pm 2<sup>nd</sup> by Patti jo