



**MINUTES OF THE  
INDUSTRIAL MINERALS ADVISORY COUNCIL  
Tan-Tar-A Resort  
494 Tan-Tar-A Drive  
Osage Beach, Mo.  
December 4, 2014  
12 p.m. – 1 p.m.**

**Council Members Present:** Mr. Joe Gillman, Chairperson, Department of Natural Resources (DNR), Missouri Geological Survey (MGS); Mr. Chris Upp, Conco Quarries Inc.; Mr. Mikel Carlson, Gredell Engineering Resources; Mr. Dave Ahlvers, Missouri Department of Transportation; Mr. Ryan Winter, Winter Brothers Material Company; Mr. David Keller, ANH Refractories, Inc.

**Council Members Absent:** Ms. Diane Tucker, APAC

**DNR Staff Present:** Ms. Carey Bridges, Geological Survey Program Director; Mr. Larry “Boot” Pierce, Geologic Resources Section Chief; Ms. Christy Miner, Wellhead Processing Unit Chief and Acting Council Secretary; Mr. Pat Mulvany, Industrial Minerals Unit Chief; Mr. Dave Bridges, Geologist.

**Guests Present:** Mr. Steve Rudloff, Missouri Lime Producers Association (MLPA)

Mr. Gillman brought the meeting to order at 12:15 p.m.

**Welcome, Introductions and DNR and MGS Budget Update**

Mr. Gillman asked for introductions from the council, staff and guests. Mr. Gillman presented information on the MGS budget outlook.

**Minutes of the December 5, 2013, Meeting**

Mr. Upp moved to accept the minutes of the meeting held December 5, 2013.  
Mr. Carlson seconded the motion. Motion carried.

**Items of General Interest**

Ms. Bridges updated the Council on the following: GeoSTRAT, State of Missouri Natural Resources booklet and restructure within the Department including the addition of the Land Reclamation Program and Water Resources Center into the Missouri Geological Survey.

## **Geologic Resources Fund Budget and Financial Report**

Mr. Mulvany updated the Council on the Fiscal Year 2015 budget and expenditures.

Mr. Mulvany explained the large purchase in July was for a set of sieves, which will be used for sand analysis. Mr. Upp requested the Council see how the previous fiscal year ended in the future and also to have the projected budget emailed to the Council since they only meet once per year.

## **Industrial Minerals Unit Work Activities Update**

Mr. Mulvany and Mr. Bridges updated the Council on unit activities including: staff worked with George Davis from Missouri Department of Transportation to analyze collected core; assessment completed on the Albin Quarry; 300 new entries added to online bibliography; maintaining library and rock collections; participated in the MMEF teacher's workshop; wrote an article on Capitol Fossils published in Missouri Resources; gave Capitol Fossils tours to school groups; responded to hundreds of inquiries; edited geologic maps; and gave a presentation on fossils at the Cuba Elementary School. Mr. Bridges organized a field trip to southeast Missouri regarding the Avon Diatreme Formation and compiled a report from that trip; participated in a field trip in Southern Illinois and gave a presentation to the Gasconade County Historical Society. Rocks have been collected at Avon with analysis still yet to be performed. Additional accomplishments this year related to industrial mineral commodities included: updates to the trap rock, granite, sand and gravel, and clay and shale web pages.

## **Open Discussion**

Mr. Gillman gave council members the opportunity to discuss any other topics or ask any questions. Discussion was made on the vacant sandstone Council position. Mr. Winter will make contact with someone who might be a good candidate.

## **Schedule Next Meeting Date**

After discussion, the next meeting was tentatively scheduled to be held during the 2015 MLPA meeting. The meeting date was tentatively scheduled for December 3, 2015.

## **Adjournment of Business Meeting**

Mr. Gillman asked for a motion to adjourn the meeting. Mr. Upp moved to adjourn the meeting. Mr. Carlson seconded the motion. Motion carried.

Meeting was adjourned at 1:05 p.m.