



Missouri  
Department of  
Natural Resources

**MINUTES  
INDUSTRIAL MINERALS ADVISORY COUNCIL (IMAC)  
JUNE 15, 2010  
DEPARTMENT OF NATURAL RESOURCES  
111 FAIRGROUNDS ROAD  
ROLLA, MO**

MEMBERS PRESENT: Mr. Joe Gillman, Chairperson-Department of Natural Resources; Mr. Steve Rudloff-Missouri Limestone Producers Association; Mr. Dave Keller-Harbison-Walker Refractories, Inc.; Mr. Dave Ahlvers-Missouri Dept. of Transportation; Ms. Cheri Summa-Fred Weber, Inc.

MEMBERS ABSENT: Mr. Chris Upp-Conco Quarries, Inc.; Mr. Daniel C. Rowe-Unimin Corporation

STAFF PRESENT: Mr. Jerry Prewett-Geological Survey Program Director; Mr. Pat Mulvany-Industrial Minerals Unit Chief; Mr. Justin Davis-Industrial Minerals Unit Geologist; Ms. Jane Williams-Industrial Minerals Advisory Council Secretary

VISITORS PRESENT: None

Mr. Gillman brought the meeting to order at 10:04 a.m.

**WELCOME, INTRODUCTIONS, AND DNR/DGLS BUDGET UPDATE**

Mr. Gillman thanked the members for being here. He also suggested if any member would like to host the meeting in their town or location, we would be willing to do that. Mr. Gillman discussed some of the legislative session. He explained that we had no legislation relating to industrial minerals. The Department did take a number of cuts to general revenue funds, but a larger problem is the denial of fee renewals for some of our fee funds.

He explained that our Division applied for about \$1.4 million dollars in federal grants last year.

**MINUTES OF THE DECEMBER 10, 2009 MEETING**

Mr. Gillman asked for a motion for the previous meeting minutes to be accepted. Mr. Ahlvers made a motion to accept the minutes of the meeting held on December 10, 2009 as circulated. Ms. Summa seconded the motion. Motion carried.

**ITEMS OF GENERAL INTEREST**

Mr. Prewett gave an update on Council vacancies. Mr. Rudloff suggested we need to keep pushing people to apply for these positions. Mr. Ahlvers asked if our Director feels this Council is important. Mr. Gillman explained we recently had to give a justification to the Director's office for all of our boards and commissions, and he believes the director understands the importance of our Council.

Mr. Prewett gave an update on our Statemap program. He explained we are doing our mapping in the St. Louis area, which is becoming more and more difficult due to the urbanization of the area. We will be moving our mapping projects to another area in the next few years. He explained how industrial minerals are a very important part of our geologic mapping. He asked IMAC for suggestions of what area of the state they might want to see our mapping efforts move to.

Mr. Prewett gave an update on the Geologic Hazards work in Missouri. We are still continuing to work in the St. Louis area with USGS on the St. Louis Area Earthquake Hazards Mapping Project (SLAEHMP). USGS provides grant funds of approximately \$57,000 per year for us to continue this work.

Mr. Prewett gave an explanation regarding Wellhead Protection Section. They were removed from our Division several years ago and recently moved back into our Division.

Mr. Rudloff asked about the CD of Outcrop Locations of Missouri he saw on the Geology Store website. Mr. Mulvany gave a brief explanation about the CD and stated it has actual measured sections of the outcrops.

## **GEOLOGIC RESOURCES FUND BUDGET AND FINANCIAL REPORT**

Mr. Mulvany gave an update on the budget report that was given to the Council. He explained that we are 92% through our fiscal year and have spent a total of 88% of our budgeted money. He feels we are basically on track on spending for the fiscal year. Mr. Gillman suggested we send the Council our next budget for FY2011 as soon as it becomes available. Mr. Mulvany stated the fund balance for the Geologic Resources Fund at the end of May is \$218,886.

## **INDUSTRIAL MINERALS UNIT WORK ACTIVITIES UPDATE**

The following is a list of work activities the Industrial Minerals Unit have worked on since our last meeting in December:

The limestone webpage is finished and on the internet. The Council was asked to look it over and offer any comments or suggestions they have for improvements. Mr. Davis is working with Mr. Keller to begin work on the next webpage, which would be on clay. Mr. Gillman gave an explanation on where the Department is going with social media and networking.

We will be participating in the Missouri Minerals Education Foundation workshop being held in St. Louis next month. We will be doing several presentations and also distributing the rock and mineral sets to the teachers.

We have added about 1,000 entries since our last meeting to the bibliography we have been working on.

We continue to do work on the RI-70 Cambrian system with Mr. Tom Thompson. Mr. Thompson has been busy doing other work so the process has slowed down a bit but will be picking up soon.

Mr. Mulvany and Mr. Davis attended the Geological Society of American conference in Branson and worked in the DGLS booth.

Mr. Davis participated with the Statemap field reviews. He explained the purpose of the Statemap field reviews is for other geologists to go to the field with the Statemap mappers to view their work and offer suggestions.

Mr. Davis is continuing work on the quarry database to get stratigraphic information added to the Land Reclamation database.

Mr. Davis has visited about 21 quarries to talk with owners and get familiar with their business and the quarry operations.

We provided some assistance to a sand and gravel operator in the boot heel that is running out of reserves. We supplied a lot of information to help them find another area to reestablish their reserves base.

We have worked on establishing a database with information taken from an open file report called Chemical and Physical Properties of Selected Stone Resources in Missouri. Mr. Mulvany explained this database is not available yet but will be worked into the limestone webpage in the future.

Mr. Davis is going to do a complete study on the St. Peter sandstone for the state of Missouri. The purpose is to show its distribution both at the surface and outcrop and in the subsurface. They want to show how deep it is and also how thick it is.

## **OPEN DISCUSSION**

Mr. Mulvany gave a brief update on Pea Ridge Mine. He stated they had actually sold some ore. Supposedly Mr. Jim Kennedy has been contacted by a Canadian company to help fund the reopening. Mr. Gillman stated he believes Pea Ridge will eventually be a viable operation in the future.

Mr. Keller gave an explanation regarding AP Green opening a plant in Missouri. They will have a face brick operation due to open in Mexico, Missouri next year.

Mr. Gillman gave an explanation about an independent filmmaker doing a project about the history of brick-making in Missouri. Mr. Gillman will send the IMAC a link to the promo for this film.

#### **SCHEDULE NEXT MEETING DATE**

Mr. Gillman asked for a motion to hold our next meeting in December at the Missouri Limestone Producers Association (MLPA) meeting. Mr. Keller made a motion to hold the next meeting in December at the MLPA meeting in Osage Beach. The date should be around December 8 or 9, 2010. Mr. Ahlvers seconded the motion. Motion carried.

#### **ADJOURNMENT OF BUSINESS MEETING**

Mr. Gillman asked for a motion to adjourn the meeting. Mr. Rudloff made a motion to adjourn the meeting. Mr. Keller seconded the motion. Motion carried. Meeting was adjourned at 11:55 a.m.

DRAFT