



STATE MINING AND GEOLOGY BOARD

EXECUTIVE OFFICER'S REPORT



ARNOLD
SCHWARZENEGGER
GOVERNOR

For Meeting Date: January 14, 2010

Agenda Item No. 9: Information Report on County of San Bernardino SMARA Program.

INTRODUCTION: San Bernardino County (County) is one of the largest mining counties in California. At its December 13, 2007, regular business meeting, the State Mining and Geology Board (SMGB) heard from the County of San Bernardino (County) on their overall SMARA (Surface Mining and Reclamation Act) program. Program deficiencies were outlined, and actions being considered by the County to improve their SMARA program were summarized. Mr. George Kenline, geologist with San Bernardino County and responsible for managing the County's SMARA program, provided an overview of the County's SMARA program. It was noted that about 2,500 individuals were employed by the County's mining industry. Issues relating to staffing and adequate resources to implement an effective SMARA program were raised. The County recently accepted an invitation from the SMGB to summarize the progress made since December 2007.

BACKGROUND: San Bernardino County (County) is one of the largest mining counties in California. The County has a diverse mineral wealth, and according to the Office of Mine Reclamation (OMR) SMARA database, currently produces sand and gravel, limestone, dimension stone, cinders, fill dirt, decomposed granite, shale, clay, iron ore, rare earth elements, salt and saline compounds, borates, talc, zeolites, sericite, feldspar, and gold and silver. In the past, the County was a producer of precious metals. The County has about 91 mines within its jurisdiction, of which 60 are currently active.

SMARA MINERAL LAND CLASSIFICATION REPORTS PRODUCED: The California Geological Survey (CGS) has invested significant effort in identifying and mapping mineral resources in San Bernardino County, with numerous publications in the form of Open-File Reports (OFR), Special Publications (SP) and Special Reports (SR). A listing of the pertinent post-SMARA CGS reports is as follows:

OFR80-18 Mineral Land Classification of Pfizer, Inc. Limestone Deposits in the Lucerne Valley Area, San Bernardino County, California, 1980.

OFR82-11 Resource Investigation of Low- and Moderate-Temperature Areas in San Bernardino, San Bernardino County, California, 1982.



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- OFR84-02 Mineral Land Classification of the Mescal Range [15'] Quadrangle, San Bernardino County, California, 1984.
- OFR84-03 Mineral Land Classification of the Kelso [15'] Quadrangle, San Bernardino County, California, 1984.
- OFR84-21 Mineral Land Classification of the Pluess-Stauber, Inc. Limestone Deposits, Lucerne Valley, San Bernardino County, California, 1984.
- OFR84-30 Mineral Land Classification of the Lanfair Valley, Homer Mountain, and Davis Dam [15'] Quadrangles, San Bernardino County, California, 1984.
- OFR84-51 Mineral Land Classification of the Halloran Springs [15'] Quadrangle, San Bernardino County, California, 1984.
- OFR85-07 Mineral Land Classification of the Ivanpah, Crescent Peak, and Searchlight [15'] Quadrangles, San Bernardino County, California, 1985.
- OFR85-08 Mineral Land Classification of the Mid Hills [15'] Quadrangle, San Bernardino County, California, 1985.
- OFR85-15 Mineral Land Classification of the Northern Part of the Kingman 1° By 2° Sheet, San Bernardino County, California, 1985.
- OFR85-18 Mineral Land Classification of the Northeast Quarter of the Needles 1° By 2° Sheet, San Bernardino County, California, 1985.
- OFR86-13 Mineral Land Classification of the Match Corporation Declezville Quarry, Fontana, San Bernardino County, California, 1986.
- OFR88-20 Mineral Land Classification of the Whipple and Riverside Mountains Study Area, Riverside and San Bernardino Counties, California, 1988.
- OFR89-12 Mineral Land Classification of the Smart Ranch Limestone Property, Big Bear City and Rattlesnake Canyon [15'] Quadrangles, San Bernardino County, California -- for High- Grade and Cement-Grade Limestone, 1989.



- OFR90-02 Mineral Land Classification of the Calmat Land Co. Baxter Iron/Carbonate Rock Deposit, San Bernardino County, California, 1990.
- OFR92-06 Mineral Land Classification of Concrete Aggregate Resources in the Barstow-Victorville Area, San Bernardino County, California, 1992.
- OFR94-04 Mineral Land Classification of a Part of Southwestern San Bernardino County: the Barstow-Victorville Area, California, 1994.
- OFR94-06 Mineral Land Classification of a Part of Southwestern San Bernardino County: the Big Bear Lake-Lucerne Valley Area, California, 1994.
- OFR94-07 Mineral Land Classification of a Part of Southwestern San Bernardino County, Western Central Part IV, 1994.
- OFR94-08 Mineral Land Classification of a Part of Southwestern San Bernardino County, the San Bernardino Valley Area, Part V, 1994.
- OFR97-16 Mineral Land Classification of a Part of Southwestern San Bernardino County: the Barstow-Newberry Springs Area, California, 1997.
- SP050 Colemanite Deposits near Kramer Junction, San Bernardino County, California, 1976.
- SR095 Talc Deposits of the Southern Death Valley-Kingston Range Region, Inyo and San Bernardino Counties, California, 1968.
- SR125 Mines and Mineral Deposits in Death Valley National Monument [Inyo and San Bernardino Counties], California, 1976.
- SR136 Landsliding and Mudflows at Wrightwood, San Bernardino County, California, 1979.
- SR139 Aggregates in the Greater Los Angeles Area [Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties], California, 1979.
- SR143-6 Classification of Sand and Gravel Resource Areas, Claremont-Upland Production-Consumption Region [Los Angeles and San Bernardino Counties, California], 1987.
- SR143-7 Classification of Sand and Gravel Resource Areas, San Bernardino



Production-Consumption Region [San Bernardino County, California], 1988.

SR151 Uranium Favorability of the 1° by 2° Trona Quadrangle, Mojave Desert, California, 1987.

SR168 Mineral Land Classification of the Kerens, Flynn, and Colton Well [15'] Quadrangles, San Bernardino County, California, 1993.

EXECUTIVE OFFICER'S RECOMMENDATION: The information report being provided by San Bernardino County is for the SMGB's general information, and the Executive Officer makes no recommendations at this time.

Respectfully submitted:

Stephen M. Testa
Executive Officer

