

TOPIC 6 - ENVIRONMENTAL IMPACTS: LESSONS LEARNED FROM PAST MINING AND MILLING PRACTICES IN SOUTH AUSTRALIA (CASE STUDIES: PORT PIRIE RARE EARTHS TREATMENT FACILITY AND RADIUM HILL)

Thursday, 8 October 2015
Northern Festival Theatre Ballroom
106 Gertrude Street, PORT PIRIE SA 5540

Mr Kevin Kakoschke OAM, Radium Hill Historical Association (10.30am)

Kevin Kakoschke worked at the Radium Hill uranium mine for nine years. Since that time, he has been a TAFE lecturer in mechanical engineering and a consultant to the manufacturing industry. He is the author of several books concerning Radium Hill, including "We were Radium Hill" and "Off the Barrier Highway". He is President of the Radium Hill Historical Association, which seeks to preserve the cultural heritage of the Radium Hill site.

Topics to be addressed at this public session:

- ⊕ Activities undertaken while Radium Hill mine was operational
- ⊕ Planning and decommissioning of Radium Hill mine

Mr Greg Marshall and Mr Tony Ward, Department of State Development (11.15am)

The Mining Regulation Division within the Department of State Development (DSD) is responsible for regulating mining operations in South Australia, including environmental assessments of new mining proposals, ensuring compliance with conditions of tenements and achieving approved environmental outcomes over the full mine life. DSD owns the former Radium Hill mine and Port Pirie Rare Earths Treatment Facility sites. Greg Marshall is the Director of Mining Regulation and has had significant involvement in DSD's strategies to manage those sites. Tony Ward is the Manager of the Extractive Areas Rehabilitation Fund (EARF) and Mine Completion.

Topics to be addressed at this public session:

- ⊕ Environmental impacts of activities at Port Pirie and Radium Hill
- ⊕ Monitoring and management of environmental impacts
- ⊕ Lessons learned for the purpose of environmental controls during contemporary mining and milling operations

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Mr Keith Baldry, Mr Graham Palmer and Dr Artem Borysekno, Environment Protection Authority (11.15am)

The Environment Protection Authority (EPA) is the independent environment protection regulator in South Australia. In addition to administering legislation concerned with environment protection and community safety, it provides advice on environmental management practices to both industry and the government, including in relation to the Radium Hill and Port Pirie sites. Since joining the EPA in 2004, Keith Baldry has held a number of directorial roles and is currently the Director of Mining Radiation and Regulatory Services. Dr Borysenko is the Laboratory Manager at the Radiation Protection Branch and Mr Graham Palmer was the former Manager of the Radiation Protection Branch.

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Dr Paul Ashley, University of New England (2.45pm)

Paul Ashley is a consultant geologist with more than 40 years of professional experience in academia, industry and government organisations. He currently specialises in petrographic and mineralogical work, and environmental geochemistry. Dr Ashley has an adjunct associate professor position in Earth Sciences at the University of New England, where he formerly taught and performed research in fields including ore deposit geology, geochemistry and environmental geology, amongst other topics. Dr Ashley has carried out studies into the environmental impacts at several legacy mining sites, including Radium Hill, and has had numerous papers published on these investigations.

Topics to be addressed at this public session:

- ⊕ Relationship between site specific factors and the potential for environmental impacts
- ⊕ Nature of the Radium Hill site and the environmental impacts observed there