

## BLM\_NV\_NVSO\_GWProjects

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**From:** Terry Marasco <tmarasconrm@natural-resource-mgt.com>  
**Sent:** Tuesday, October 11, 2011 3:01 PM  
**To:** BLM\_NV\_NVSO\_GWProjects; Woods, Penelope D  
**Subject:** additional comments for WhitePine DEIS

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

1. the one reference by Hinds is grossly inefficient in light of hundreds of articles in the literature on particulate transport stating travel in the hundred and thousands of miles

RECOMMENDATION: postpone this DEIS until a thorough study is done

2. erionite - due to the massiveness of the construction project and the millions of acres affected by increased dust events, a study with soil sampling needs to be conducted along the construction track and the impacted areas. Postpone the DEIS until this is completed

Terry Marasco  
Natural Resources Project Management  
775.293.0189  
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----- Forwarded Message -----

**From:** "Taylor, Courtney" <Courtney.Taylor@aecom.com>  
**To:** Terry Marasco <tmarasconrm@natural-resource-mgt.com>  
**Cc:** "Woods, Penelope D" <pwoods@blm.gov>; "Ellis, Scott" <Scott.Ellis@aecom.com>; "Sehi, Debby" <Debby.Sehi@aecom.com>  
**Sent:** Tuesday, October 11, 2011 10:45 AM  
**Subject:** RE: what was the methodology used for air emissions and impacts?

Hi Terry-  
I hope the following information addresses your questions.

1. Conclusions presented in the air section are based on physical relationships of particle size related to processes of diffusion and gravitational settling. (Hinds 1999) See references in text.

2. Emissions for PM10 and PM2.5 presented in the air section are based on USEPA emission factors (AP-42). See references in text.

3. For this topic, the air section references the information presented in the Soils section. The following reference is in the soils section and specifically addresses your question about erionite conclusions. Sheppard, R.A. 1996. Occurrences of Erionite in Sedimentary Rocks of the the Western United States: U.S. Geological Survey Open-File Report 96-018, 24 p.

4. For this topic, the air section references the information presented in the Soils section. The following reference is in the soils section and specifically addresses your question about radiation levels in the project area. Converse Consultants. 2007. **Geotechnical Data Report**

Southern Nevada Water Authority

In-State Water Resources Development -- Groundwater

White Pine, Lincoln, and Clark Counties, Nevada. Memo to Richard Capp (Parsons Water Infrastructure). March 2007.

Thank you,

Courtney Taylor  
Note New Direct Dial: (970) 530-3504

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**From:** Terry Marasco [mailto:tmarasconrm@natural-resource-mgt.com]  
**Sent:** Monday, October 10, 2011 2:20 PM  
**To:** Taylor, Courtney  
**Subject:** Re: what was the methodology used for air emissions and impacts?

775-234-7323

1. how did you reach the conclusion that particulates will not reach the Wasatch Front? how was this concluded (studies/methodology)?
2. what studies/methodology used for estimating pm 10 and pm 2.5 releases?
3. what studies-methodology were used to make the erionite claim(EG NOT AN ISSUE)?
4. what studies-methodology were used to assess the radiation issue in NV and Utah soils in dust events?

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**From:** "Taylor, Courtney" <Courtney.Taylor@aecom.com>  
**To:** tmarasconrm@natural-resource-mgt.com  
**Cc:** "Woods, Penelope D" <pwoods@blm.gov>; "Ellis, Scott" <Scott.Ellis@aecom.com>; "Sehi, Debby" <Debby.Sehi@aecom.com>  
**Sent:** Monday, October 10, 2011 10:00 AM  
**Subject:** RE: what was the methodology used for air emissions and impacts?

Hi Terry-

I tried to call the number below and the voicemail message was for a person named Melissa Beyer. I left a message, but in case it was a wrong number you can reach me at the direct dial number below.

Courtney Taylor  
Note New Direct Dial: (970) 530-3504

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**From:** Woods, Penelope D [mailto:pwoods@blm.gov]  
**Sent:** Friday, October 07, 2011 4:04 PM  
**To:** 'tmarasconrm@natural-resource-mgt.com'; Taylor, Courtney; Ellis, Scott; Sehi, Debby  
**Subject:** Re: what was the methodology used for air emissions and impacts?

I will have Courtney Taylor call you. Do you have specific questions which would help her respond?

Sent from my Blackberry device

Penny Woods, Project Mgr  
BLM Nevada Groundwater Project Office

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**From:** Terry Marasco [mailto:tmarasconrm@natural-resource-mgt.com]  
**Sent:** Friday, October 07, 2011 07:13 AM  
**To:** Woods, Penelope D  
**Subject:** what was the methodology used for air emissions and impacts?

P, can I get someone to call me??? 774-234-7323

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