

## Johnson, Bill H (DNR)

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**From:** David Blaha <[REDACTED]>  
**Sent:** Wednesday, February 01, 2012 8:15 PM  
**To:** Carlson, Erik (DNR); Arkley, Stuart (DNR)  
**Cc:** Al Trippel; Deb McGovern; Tina Pint; Peter J. Hinck  
**Subject:** FW: Phase I Evaluation - Mine Site GoldSim Model  
**Attachments:** Phase I mine site summary.xlsx

Fyi, results from Mine Site Model Input Evaluation

We hope to have the Plant site completed by tomorrow evening or Friday morning

Let me know if any questions

Take care

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**From:** Fred Marinelli [[mailto:\[REDACTED\]](mailto:[REDACTED])]  
**Sent:** Wednesday, February 01, 2012 8:59 PM  
**To:** David Blaha  
**Cc:** Al Trippel; Houston Kempton; Paul Haby; Valerie Mino; Fred Marinelli  
**Subject:** Phase I Evaluation - Mine Site GoldSim Model

Dave,

We have completed the Phase I evaluation of the Mine Site GoldSim model. Attached is our summary of issues identified. We found only four instances where values in Workplan Table 1-1 don't match up with output tables, internal GoldSim values, or GoldSim lookup tables. Barr should be able to address these discrepancies very quickly. The remaining items are mostly clerical, such as missing values in Table 1-1, missing information in the GoldSim output files, incorrectly reported units, etc. These items don't affect calculations, but correcting them will reduce potential comments from future reviewers such as USEPA.

Overall we are very impressed with the model input structure and documentation.

Regards,

Fred

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**Fred Marinelli**  
Senior Groundwater Hydrologist

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