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## Request for Information

2 messages

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**Warren Dean** <warren@rosenbaumdean.com>

Thu, Jan 11, 2018 at 1:30 PM

To: "Eschberger - DNR, Amy" <amy.eschberger@state.co.us>

Cc: Steve Mulliken <Mulliken@mullikenlaw.com>, "Kris McGowan gkmccowen@gmail.com" <gkmccowen@gmail.com>

Hello Amy, I have attached a request for information so we can understand some of the work Transit Mix submitted with its application.

Thanks for your help with this and let me know if you have any questions.

Have a good weekend.

Warren H. Dean

6 South Tejon Street, Ste 660

Colorado Springs, CO 80903

[719-440-1722](tel:719-440-1722)

[warren@rosenbaumdean.com](mailto:warren@rosenbaumdean.com)



**Quarry WD Eschberger model request 1.11.18.pdf**  
326K

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**Eschberger - DNR, Amy** <amy.eschberger@state.co.us>

Fri, Jan 12, 2018 at 9:45 AM

To: Warren Dean <warren@rosenbaumdean.com>

Cc: Steve Mulliken <Mulliken@mullikenlaw.com>, "Kris McGowan gkmccowen@gmail.com" <gkmccowen@gmail.com>,

Wally Erickson - DNR <wally.erickson@state.co.us>, Tony Waldron - DNR <tony.waldron@state.co.us>, Jeff Fugate <Jeff.Fugate@coag.gov>, Scott Schultz <Scott.Schultz@coag.gov>

Hi Warren,

All the information we have received from Transit Mix Concrete Co. for this application (File No. M-2017-049) is available at our website: [www.mining.state.co.us](http://www.mining.state.co.us). I'm attaching a pdf with instructions on how to access and use our imaged document system, Laserfiche.

Thanks,

Amy Eschberger  
Environmental Protection Specialist



**COLORADO**

Division of Reclamation,  
Mining and Safety

Department of Natural Resources

P 303.866.3567 x8129 | F 303.832.8106 | C 303.945.9014  
1313 Sherman Street, Room 215, Denver, CO 80203  
[Amy.Eschberger@state.co.us](mailto:Amy.Eschberger@state.co.us) | <http://www.mining.state.co.us>  
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**LaserficheWeblinkInstructions-New.pdf**  
2216K

Warren H. Dean  
3131 Little Turkey Creek Road  
Colorado Springs, CO 80926  
719-440-1722  
warren@rosenbaumdean.com

January 11, 2018

Amy Eschberger  
Colorado Division of Reclamation, Mining and Safety  
1313 Sherman Street  
Denver, CO 80205

CDRMS Permit Application M-2017-049

Dear Amy,

This is a formal request related to Transit Mix's work submitted relative to the above Permit Application. I assume you have a copy of the model to review with the other information.

Can you please provide the following:

Appendix E contains the Modeled Impact Results for the HRR quarry. We would like the actual Visual Modflow model files for the steady state and transient runs used in their impact analysis including any base maps used to construct the model such as geologic, topographic, precipitation and soils maps in formats compatible with Visual Modflow. The purpose of providing the model files is for us to extract model input inadequately explained in the Hydro-Logic report including:

- The hydraulic conductivity, specific storage, and specific yield distribution matrixes;
- Streambed conductance values (Hydraulic conductivity of streambed (Ksb) and the thickness of the river bottom /m) used in river cells (Figure E-3);
- Calibrated hydraulic conductivity distribution;
- Drain cell locations and conductance value components (hydraulic conductivity (K) and length (L))

We are also interested in the following model output file data:

- The steady state modeled water table output elevations used to create Figures E-6 through E-10;
- Steady state and transit mass balance output;
- A map of steady state and transient river cell gains, losses and change over time
- A map of flow directions (using Modpath) over the entire model domain during each stage of mining.

Thanks in advance for your prompt help with these items.

Have a great long weekend.

A handwritten signature in blue ink, consisting of a stylized 'W' followed by a horizontal line that tapers to the right.

Warren H. Dean