



OGMCOAL DNR &lt;ogmcoal@utah.gov&gt;

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## Addition of Culvert 18

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**Steve Christensen** <stevechristensen@utah.gov>

Tue, Jun 13, 2017 at 12:40 PM

To: Kirk Nicholes <knicholes@altoncoal.com>, drew@altoncoal.com

Cc: Priscilla Burton <priscillaburton@utah.gov>, Daron Haddock <daronhaddock@utah.gov>, OGMCOAL DNR <ogmcoal@utah.gov>, Steve Demczak <stevedemczak@utah.gov>

Good afternoon,

Upon further review of the recently submitted information to add a new culvert (#18) along the primary haul road in front of the maintenance yard, the Division has determined that the amendment is missing the required information necessary for permit review by our staff and thus does not pass initial review.

I realize that the drainage area associated with this culvert is small. Unfortunately, in order to add any structure/diversion, there are a number of sections of the R645 rules that need to be addressed and reviewed. For example, the bonding sheets need to be updated for the removal of the culvert. Design drawings must be provided for how the culvert will be installed (i.e. cross-sections, inlet/outlet designs). These drawings are necessary for inspection purposes as well. Additionally, the design considerations and calculations must be provided and discussed in order for the assigned hydrologist to sign off on it. I'm assuming the area is already disturbed; however, there may be a need to address soil requirements if that's not the case. Providing only the location maps doesn't get us across the finish line.

Please re-submit the amendment with the aforementioned information, a C1/C2 and we'll get this one going. If you have any questions, please feel free to call me.

Regards,  
Steve

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