

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Thursday, April 08, 2010 5:51 PM  
**To:** Kubeczko, Dave  
**Subject:** FW: Antero Resources, McLin B Pad McLin B1, NENE Sec 13 T6S R92W, Garfield County, Form 2A (#400048466) Review

Scan No 2033045      CORRESPONDENCE      2A#400048466

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**From:** Hannah Knopping [mailto:hknopping@anteroresources.com]  
**Sent:** Thursday, April 08, 2010 8:52 AM  
**To:** Kubeczko, Dave  
**Subject:** RE: Antero Resources, McLin B Pad McLin B1, NENE Sec 13 T6S R92W, Garfield County, Form 2A (#400048466) Review

Hi Dave,

With respect to the McLin B Pad, Antero does concur with the COA's identified below concerning water resources.

Also, we will make sure to take reference area pictures during growing season and submit within 12 months.

Please let me know if you need anything else.

Thanks!

*Hannah Knopping*  
**Permit Representative**  
**Antero Resources Corporation**  
1625 17th Street  
Denver, CO 80202  
Office: (303) 357-6412  
Cell: (720) 985-6647

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**From:** Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]  
**Sent:** Wednesday, April 07, 2010 4:26 PM  
**To:** Hannah Knopping  
**Subject:** Antero Resources, McLin B Pad McLin B1, NENE Sec 13 T6S R92W, Garfield County, Form 2A (#400048466) Review

Hannah,

I have been reviewing the McLin B Pad McLin B1 **Form 2A** (#400048466). COGCC requests the following clarifications regarding the data Antero has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA).

1. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 522 feet. COGCC guidelines require designating all locations within close proximity to surface water (i.e., less than 500 feet) a **sensitive area**. The following conditions of approval (COAs) will apply:  
**COA 4** - Location is in a sensitive area because of proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and

completion operations.

**COA 5** - Operator must implement best management practices to contain any unintentional release of fluids.

2. **Rule 303.d.(3).F.ii.aa and bb**: Since the current and future land uses are non crop land (rangeland), and because the location pictures were taken while snow was on the ground; at least one (showing vegetation located south of the well pad) color photograph taken during the growing season of the reference area are required within 12 months of the Form 2A permit application date (03/19/2010).

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. If you have any questions, please do not hesitate to call me at (970) 625-2497 x5 (office) or (970) 309-2514 (cell), or email. Thanks.

Dave

**David A. Kubeczko, PG**  
**Oil and Gas Location Assessment Specialist**

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