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**From:** Bang, Heidi [mailto:[hsb@bry.com](mailto:hsb@bry.com)]  
**Sent:** Monday, August 27, 2012 2:34 PM  
**To:** Fischer, Alex  
**Subject:** RE: COA

Regarding the duration of delivery of fluids between Encana and Berry, are you talking about this specific job or all water movement involved with Encana? This specific job would be estimated at one month (August 15<sup>th</sup>-September 15<sup>th</sup> 2012). Our relationship to transfer water with Encana is indefinitely.

Yes, the water transfer calculations take into account total fluid volume.

**Heidi**

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**From:** Bang, Heidi [<mailto:hsb@bry.com>]  
**Sent:** Thursday, August 23, 2012 6:57 AM  
**To:** Fischer, Alex  
**Subject:** COA

Alex,

Below are the answers to the COA's that pertain to Berry:

**COA- PROVIDE THE ANTICIPATED DURATION OF DELIVERY OF FLUIDS BY Encana AND Berry BY AUGUST 23, 2012.**

-Estimated duration to be receiving fluids from EnCana is one month.

*Since this was approved on August 15, 2012, then the duration would be September 15, 2012?*

**COA- PROVIDE A DESCRIPTION OF THE MANIFOLD BETWEEN ENCANA AND BERRY CUSTODY TRANSFER POINT AND WHAT SAFE GUARDS ARE IN PLACE TO PREVENT BACKFLOW OR DISCHARGE INTO THE WRONG DISTRIBUTION SYSTEM BY AUGUST 23, 2012.**

- A network of pipelines, storage pits, and pumps will be manned during all water transfer operations to monitor and safeguard any backflow and delivery points.

**COA- PROVIDE PRECAUTIONS/SECONDARY CONTAINMENT THAT WILL BE INPLACE FOR BOTH BELOW GRADE AND ABOVE GRADE PIPELINES AS THEY CROSS STREAMS, SENSITIVE AREAS, OR ALONG SENSITIVE AREAS. INCLUDE SPECIFIC BMPs BY AUGUST 23,2012.**

- Pipeline network is below grade with the exception of cliff leg-off point which is monitored and pressure tested regularly. Secondary containment is in place at all receiving and delivery points. All stream crossings are below grade, regular pressure testing and water transfer calculations insure system integrity.

**COA-PROVIDE FREQUENCY OF PIPELINE INTERGRITY TESTING FOR BOTH BELOW GRADE AND ABOVE GRADE PIPELINES BY AUGUST 23, 2012.**

-Above/Below grade pipeline network is monitored and pressure tested on a monthly basis and water transfer calculations insure system integrity.

*Do the water transfer calculations take into account total fluid volume?*

Berry will be submitting the Final Sundry when completion is over. I will include the rest of the potential pending water transfer if it happens with Encana and the annual report.

Heidi Bang  
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