



STATE OF  
COLORADO

Andrews - DNR, Doug <doug.andrews@state.co.us>

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## Fwd: Klippert 5N63W19 1-10 Berm BMP

1 message

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**Housey - DNR, Melissa** <melissa.housey@state.co.us>  
To: Doug Andrews - DNR <doug.andrews@state.co.us>

Thu, Jul 20, 2017 at 3:44 PM

Thanks!

**Melissa M. Housey, P.G.**

**Oil and Gas Location Assessment Specialist**

**Southeast**



P 303.894.2100 x5194 | F 303.894.2109  
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[melissa.housey@state.co.us](mailto:melissa.housey@state.co.us) | [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)

----- Forwarded message -----

From: **Alexandria Gale** <[Alexandria.Gale@pdce.com](mailto:Alexandria.Gale@pdce.com)>  
Date: Thu, Jul 20, 2017 at 7:29 AM  
Subject: Klippert 5N63W19 1-10 Berm BMP  
To: "[melissa.housey@state.co.us](mailto:melissa.housey@state.co.us)" <[melissa.housey@state.co.us](mailto:melissa.housey@state.co.us)>

Good morning Melissa,

PDC discovered the Berm construction BMP submitted on the Klippert 5N63W19 1-10 pad (Doc 401291676) was incorrect. Would it be possible to swap it out for the following:

604c.(2).G. Berm Construction: Containment berms for Permanent and Temporary Equipment shall be constructed of steel rings with a geosynthetic liner, designed and installed to prevent leakage and resist degradation from erosion or routine operation. Secondary containment devices shall be sufficiently impervious to contain any spilled or released material. Secondary containment at the production facility is typically inspected by PDC personnel on a daily basis. Production facilities are also inspected by a third party consultant on a 14 day or 30 day schedule as per Colorado Discharge Permit System (CDPS) General Permit requirements for Stormwater Discharges Associated with Construction Activity until the site has been sufficiently vegetated or stabilized. These sites may also be inspected by a third party consultant on a quarterly, semi-annual or annual frequency as part of the Post-Construction Stormwater Management Plan in accordance with COGCC Rule 1002.f. Additionally, tank batteries are inspected by a third party consultant on an annual basis for Spill Prevention, Control and Countermeasure (SPCC) Plan compliance. Any deficiencies are relayed to appropriate PDC staff and a work order is generated to schedule necessary repairs.

Thank you,

Ally Gale | Regulatory Technician | O: 303-831-3931 | F: 303-860-5838

