

From: Berg, Mike D.
To: Lee, Brian (blee@westmoreland.com); Gores, Paula <pgores@westmoreland.com> (pgores@westmoreland.com)
Cc: Deutsch, James R.; Moos, Dean K.; Welch, Guy A.; Jangula, Esther A.
Subject: FW: NOV 1201
Date: Tuesday, November 20, 2012 11:46:57 AM
Attachments: Exhibit 3.2.38 R27 routing calcs.pdf

Brian,

The diversions are approved as shown on the attached Exhibit. Please include the updates with the next revision to Permit KRSB-8603 but remove the highlights . The diversions can be constructed.

Thanks

Michael Berg PE
Environmental Engineer
ND Public Service Commission
600 E Blvd Ave Dept 408
Bismarck, ND 58505-0408
(701) 328-4779

From: Lee, Brian [mailto:blee@westmoreland.com]
Sent: Tuesday, November 20, 2012 10:39 AM
To: Berg, Mike D.; Moos, Dean K.
Cc: Gores, Paula; Weaver, Bill; Becker, Randy
Subject: RE: NOV 1201

Mike,

I have attached exhibit 3.2.38 with the routing calculations updated. Diversion Ditch 99E-B was changed to a 12 foot bottom from a 24 foot bottom, because it decreases scraper work and is still able to safely handle the runoff. This increased the maxed velocity to 5.02 fps. DWC will monitor the diversion ditch and fix any erosion that occurs due to the increased velocity. Someone from the mine will drop off a hard copy of the map today or tomorrow. Let me know if you have any questions.

Thanks,

Brian Lee

From: Berg, Mike D. [mailto:mdberg@nd.gov]
Sent: Monday, November 19, 2012 10:06 AM
To: Moos, Dean K.; Deutsch, James R.; Lee, Brian
Cc: Welch, Guy A.; Gunnerson, Bill T.
Subject: NOV 1201

Brian,

I have reviewed the design of the new diversions for Ponds 98, 99W and 99E. The drawings

are adequate, but the calculation were not updated to reflect the reduced area or slopes of the new diversions. Please do so and submit.

Thanks

Michael Berg PE
Environmental Engineer
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(701) 328-4779

From: Moos, Dean K.
Sent: Wednesday, November 14, 2012 1:55 PM
To: Gores, Paula (pgores@westmoreland.com); Lee, Brian (blee@westmoreland.com)
Cc: Jangula, Esther A.; Deutsch, James R.; Berg, Mike D.; Welch, Guy A.; Gunnerson, Bill T.
Subject: NOV 1201 Abatement Period Extension

Paula & Brian,

We have reviewed your request for an extension of the abatement period for NOV 1201 to construct sumps 99E and 99W and associated diversions. Your request to extend the abatement period for the construction of the construction of this structures until November 30 is approved as submitted. We have not had a chance to review the revised diversion plans yet, so approval to construct the diversions is not granted at this time. We will try to complete our review of the revised diversion designs in the next few days and will notify you when our review of the diversion designs is complete. Please contact us if you have any questions.

Dean K. Moos
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