

December 2, 2024

Mr. Jonathan Emmer  
Director Reclamation Division  
Public Service Commission  
600 East Boulevard Avenue  
Department 408  
Bismarck, ND 58505-0480

Dear Mr. Emmer:

The North Dakota Public Service Commission (PSC) conducted soil probing on FBR #2 to NACT-1801 in September of 2024 to determine the respread depths of topsoil and subsoil. Final Bond Release #2 includes respread packages 30-606-00205 and 30-606-00207. The regrade packages indicates a respread depth of 48 inches of SPGM would be respread throughout the area, therefore, no overburden samples were collected prior to SPGM respread. During the soil probing conducted by PSC staff it was discovered that two relatively small areas did not meet the 48 inches of total SPGM as stated in the regrade packages.

The PSC's soil probing results were evaluated and a boundary was created to encompass the areas of low SPGM respread. Coteau agreed to sample the areas for spoil quality to show overburden in these areas are capable of supporting reduced respread depths. The areas were sampled in a manner that is consistent with the normal process used when submitting a grade approval request. The topsoil and subsoil were removed and a composite sample of overburden was taken to a depth of 12 inches as required by Policy Memorandum 17. The overburden analysis shows that adequate SPGM is present throughout the areas based on overburden quality. These results and a map showing sample locations are attached.

If you have any questions, please contact me.

Sincerely,

THE COTEAU PROPERTIES COMPANY



Mark Wallen  
Environmental Specialist

Tract 1

Tract 2

T145N  
R87W  
29

COTEAU

COTEAU

COTEAU

LAB Family LLLP/Butler

NACT-1801

AALUND

AALUND

Undisturbed

Undisturbed

Undisturbed

Undisturbed

Undisturbed

Undisturbed

Undisturbed

7.0' PRAIRIE TOPSOIL  
41.0' SUBSOIL  
30-606-00183

8.0' PRAIRIE TOPSOIL  
40.0' SUBSOIL  
00130

7.0' PRAIRIE TOPSOIL  
30-606-00212

7.0' PRAIRIE TOPSOIL  
30-606-00212

7.0' PRAIRIE TOPSOIL  
41.0' SUBSOIL  
30-606-00205

7.0' PRAIRIE TOPSOIL  
41.0' SUBSOIL  
30-606-00212

7.1' PRAIRIE TOPSOIL  
14.8' SUBSOIL  
30-606-00212

7.0' PRAIRIE TOPSOIL  
41.0' SUBSOIL  
30-606-00208

7.1' PRAIRIE TOPSOIL  
30-606-00212

6.9' PRAIRIE TOPSOIL  
41.0' SUBSOIL  
Pond Removal Request P-J29-01F

Associated Disturbance  
No Topsoil Was Removed

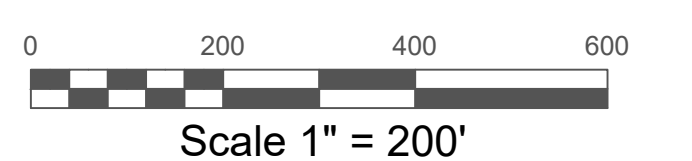
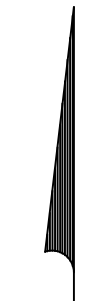
Associated Disturbance  
No Topsoil Was Removed

Associated Disturbance  
No Topsoil Was Removed

LEGEND

- PERMIT BOUNDARY
- NACT-1801 PERMIT IDENTIFICATION
- BOND RELEASE BOUNDARY
- SECTION LINE-SURVEYED LOCATION
- ASSOCIATED DISTURBANCE
- COTEAU LANDOWNER
- SPGM RESPREAD BOUNDARY
- COAL REMOVAL BOUNDARY
- REGRADE APPROVAL BOUNDARY
- OB SAMPLE LOCATION

G.N.



G:\2. Permit Files\B. Bond Release\11. NACT-1801\d. Drawings\03. In Design\FBR #2\Attachment Va SPGM

9					
8					
7					
6					
5					
4					
3	MAW	MAW	12/02/24		
2	MAW	MAW	10/01/24		
1	MAW	MAW	09/03/24		
0	MAW	MAW	04/03/24		
NO.	BY	APP'D	DATE		
DRAWING UPDATES					



ATTACHMENT Va  
SPGM RESPREAD DEPTHS MAP  
FBR #2 TO NACT-1801  
SCALE: 1"=200'  
PROJECT: FBR #2 TO NACT-1801 REVISION: N/A



**MINNESOTA VALLEY TESTING LABORATORIES, INC.**

1126 North Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
2616 East Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
www.MVTL.com



Dillon Belisle  
Coteau Properties Co  
204 County Road 15  
Beulah, ND 58523

**Work Order Number:** 69605  
**Project Name:** Overburden

**Date Received:** 11/01/2024  
**Purchase Order:** 595092 OP

Laboratory Number	Sample Description	Depth	EC @ 25C mmhos/cm	Cat/EC Ratio	Ca meq/L	Mg meq/L	Na meq/L	SAR	CCE wt%	pH	OM wt%	Texture	Sand %	Silt %	Clay %	Sat Percent
69605001	29-1		2.89	17.4	5.6	9.1	35.5	13.1		7.8		c	26.0	30.0	44.0	
69605002	29-2		1.75	16.5	5.5	7.7	15.7	6.11		7.7		cl	41.0	27.5	31.5	

All data reported has been reviewed and approved by:

Stacy Zander, Bismarck Assistant Lab Manager Bismarck, ND

Texture Abbreviations: sic = silty clay sc = sandy clay cl = clay loam l = loam sil = silty loam ls = loamy sand c = clay sicl = silty clay loam scl = sandy clay loam si = silt s = sand sl = sandy loam

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Report Date: Tuesday, November 12, 2024 10:55:45 AM



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Dillon Belisle  
Coteau Properties Co  
204 County Road 15  
Beulah, ND 58523

**Work Order Number:** 71471  
**Project Name:** Overburden

**Date Received:** 11/19/2024  
**Purchase Order:** 595092 OP

Laboratory Number	Sample Description	Depth	EC @ 25C mmhos/cm	Cat/EC Ratio	Ca meq/L	Mg meq/L	Na meq/L	SAR	CCE wt%	pH	OM wt%	Texture	Sand %	Silt %	Clay %	Sat Percent
71471001	29-3		0.780	17.0	2.3	2.9	8.1	5.02		7.5		cl	28.5	35.0	36.5	

All data reported has been reviewed and approved by:

Stacy Zander, Bismarck Assistant Lab Manager Bismarck, ND

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