



August 10, 2018

Mr. Dean K. Moos
Reclamation Director
ND State Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480

RE: Request for Variance on Sections 30 and 31, Permit NAFK-9601

Dear Mr. Moos:

Falkirk is requesting a variance to the 10-year liability period for portions of the E $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 30, Township 146 North, Range 81 West and for portions of the E $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 31, Township 146 North, Range 81 West (See attached maps). The cropland in both Sections is located in Falkirk's Permit NAFK-9601. The variance is being requested for 3.4 acres in Section 30 and 22.9 acres in Section 31. These lands were associated with a pond and were not mined. The area was reclaimed and cropped in 2012. The total area of disturbance is approximately 43.5 acres in Section 30 and 111.3 acres in Section 31. The remaining 40.1 acres of disturbances in Section 30 were reclaimed in 1998, 1999 and 2007 and the remaining 88.4 acres in Section 31 were reclaimed in 1998, 2003, 2005 and 2007. The pond accounts for 17 percent of the disturbance area for the proposed bond release area in Sections 30 and 31.

Reclamation for the proposed bond release area in Sections 30 and 31 are exceeding bond release standards for cropland and the reclaimed wetland. Falkirk would like to release this area from Falkirk's Permit area.

Regards,

THE FALKIRK MINING COMPANY

Jason Frye
Environmental Specialist

JF
Attachments
cc: Zanna Brinkman

1 RC-18-304 Filed 08/10/2018 Pages: 4
Variance from the ten-year liability period for 26.3 acres located in Permit NAFK-9601
Falkirk Mining Company
Jason Frye

MINED OUT IN 2002

30

29

MINED OUT IN 2003

MINED OUT IN 2001

MINED OUT IN 2002

MINED OUT IN 2000

2004

2003

MINED OUT IN 1998

PROPOSED BOND
RELEASE AREA
(227.2 Acres)

MINED OUT IN 1999

MINED
2000

RECLAIMED WETLAND
LW-NE31-1

MINED OUT IN 1997

1996

MINED OUT IN 1998

31

32

OUT 97

MINED OUT IN 97

T 146 N
R 82 W

T 146 N
R 81 W

NAFK-9601
PERMIT BOUNDARY

LEGEND

- MINED OUT IN 2002
- ASSOCIATED DISTURBANCE



THE FALKIRK
MINING COMPANY
2801 1st Street SW
Underwood, ND 58576-1087
(701) 442-5751 - Fax (701) 250-2473

MINED OUT AND ASSOCIATED DISTURBANCE MAP
Sections 30 and 31 Variance Request
Photo Date: 7/05/2018

NO.	BY	APP'D	DATE
0	JJF	JJF	08/10/18

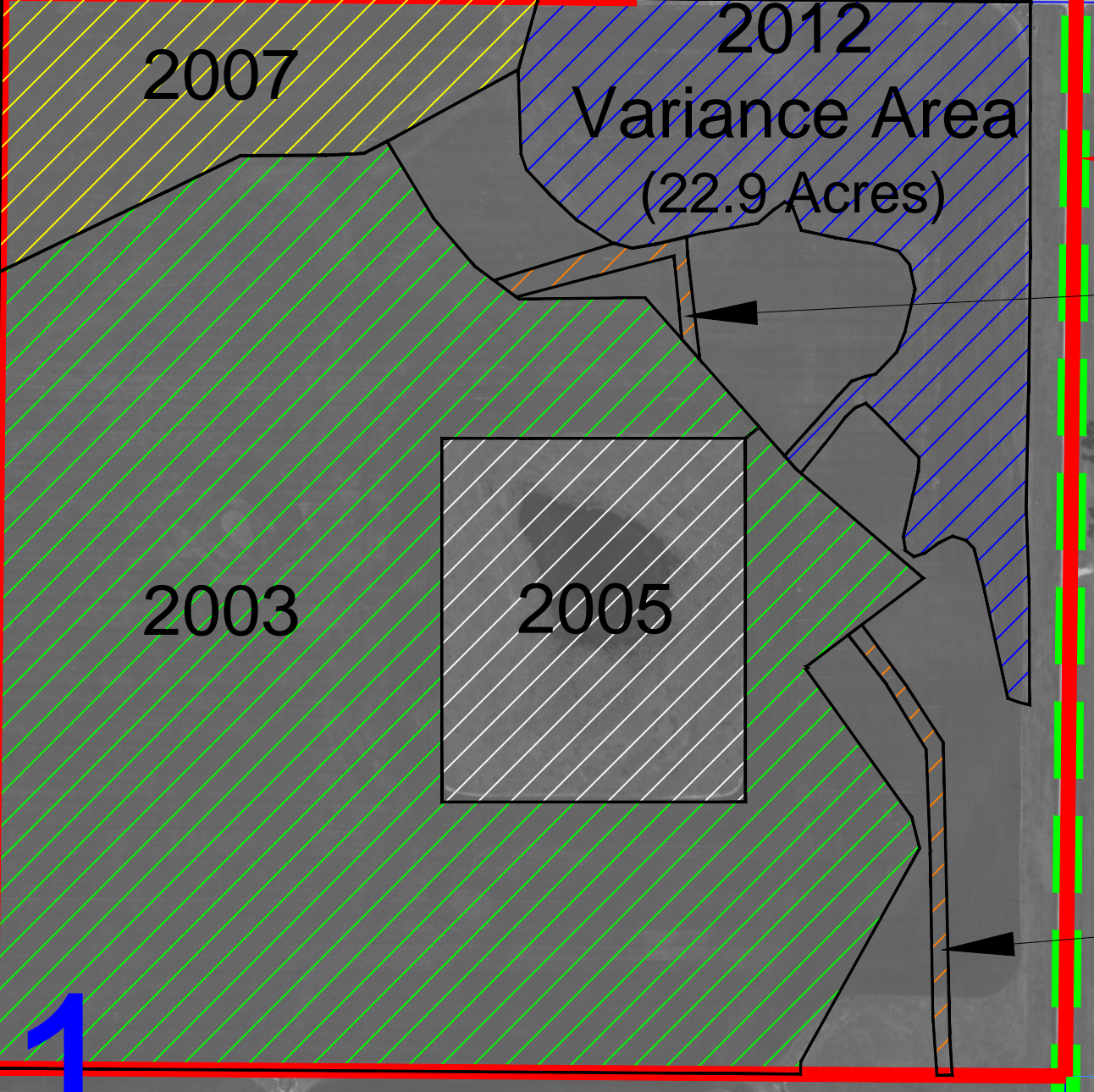
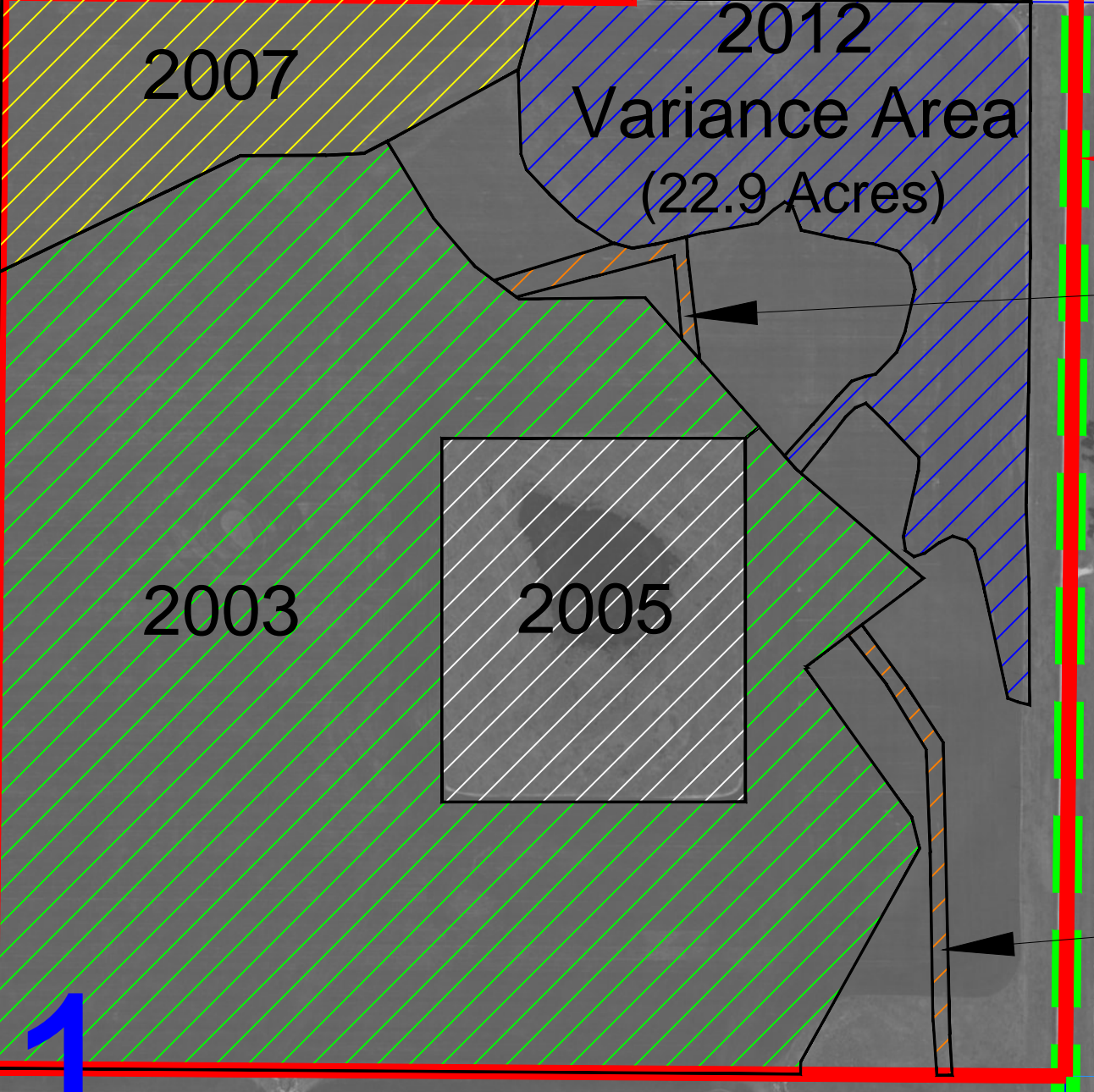
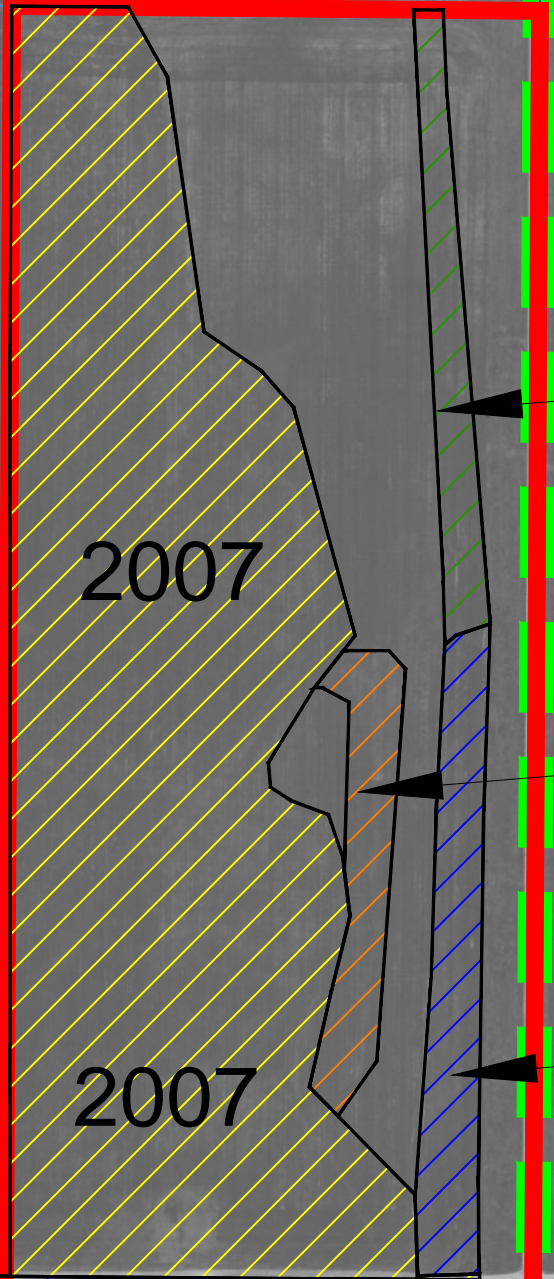
SCALE: 1"=400' (Paper size 24"x24") PROJECT: Sections 30 and 31 - Variance Request
W:\Bond Release\Section 30 & 31 - 9601\Variance Request\Mined Out and Disturbance Map.dwg

30

29

31

32



1999

1998

2012
Variance Area
(3.4 Acres)

PROPOSED BOND
RELEASE AREA
(227.2 Acres)

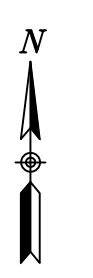
1998

1998

LEGEND



YEAR REVEGETATION PERIOD INITIATED



THE FALKIRK
MINING COMPANY
2801 1st Street SW
Underwood, ND 58576-1087
(701) 442-5751 - Fax (701) 250-2473

REVEGETATION PERIOD INITIATED MAP
Sections 30 and 31 Variance Request
Photo Date: 7/05/2018

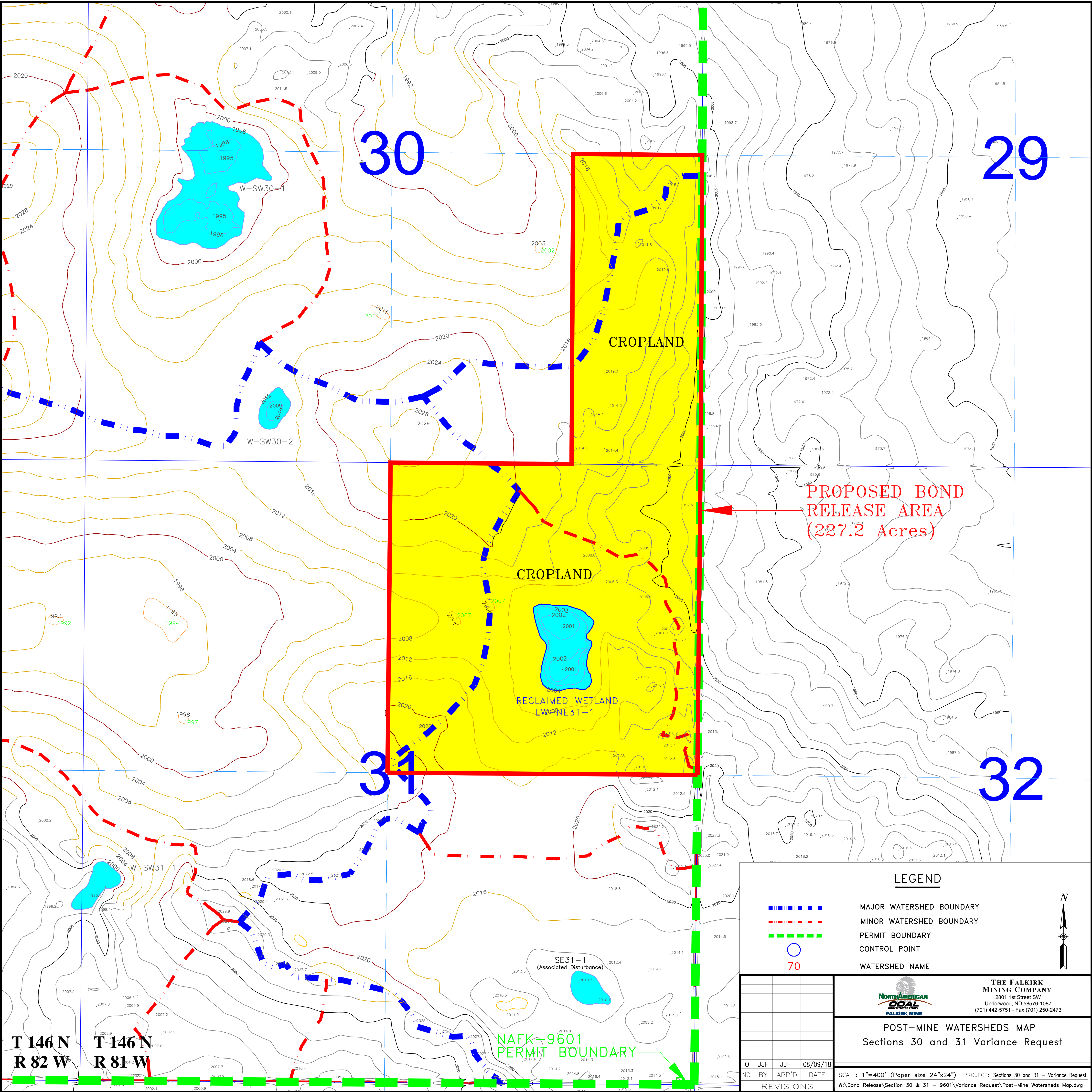
NO.	BY	APP'D	DATE
0	JJF	JJF	08/9/18

SCALE: 1"=400' (Paper size 24"x24") PROJECT: Sections 30 & 31 - Variance Request
W:\Bond Release\Section 30 & 31 - 9601\Variance Request\Revegetation Period Initiated Map.dwg

T 146 N
R 82 W

T 146 N
R 81 W

NAFK-9601
PERMIT BOUNDARY








**PROPOSED BOND
RELEASE AREA
(227.2 Acres)**

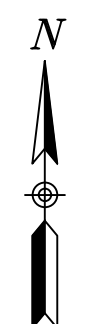
CROPLAND

**RECLAIMED WETLAND
LW00NE31-1**


**NAFK-9601
PERMIT BOUNDARY**

LEGEND

-  MAJOR WATERSHED BOUNDARY
-  MINOR WATERSHED BOUNDARY
-  PERMIT BOUNDARY
-  CONTROL POINT
-  WATERSHED NAME



**T 146 N
R 82 W** **T 146 N
R 81 W**

 <p>THE FALKIRK MINING COMPANY 2801 1st Street SW Underwood, ND 58576-1087 (701) 442-5751 - Fax (701) 250-2473</p>									
<p>POST-MINE WATERSHEDS MAP Sections 30 and 31 Variance Request</p>									
<table border="1"> <thead> <tr> <th>NO.</th> <th>BY</th> <th>APP'D</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>JJF</td> <td>JJF</td> <td>08/09/18</td> </tr> </tbody> </table>	NO.	BY	APP'D	DATE	0	JJF	JJF	08/09/18	<p>SCALE: 1"=400' (Paper size 24"x24") PROJECT: Sections 30 and 31 - Variance Request W:\Bond Release\Section 30 & 31 - 9601\Variance Request\Post-Mine Watersheds Map.dwg</p>
NO.	BY	APP'D	DATE						
0	JJF	JJF	08/09/18						
<p>REVISIONS</p>									