

Exhibit A
Legal Description

**Altman Parcel #4 Mine
Legal Description**

Altman Parcel #4 all in Township 33 South, Range 22 East

Section 11: All that part lying south and east (or southeasterly) of State Road 37.

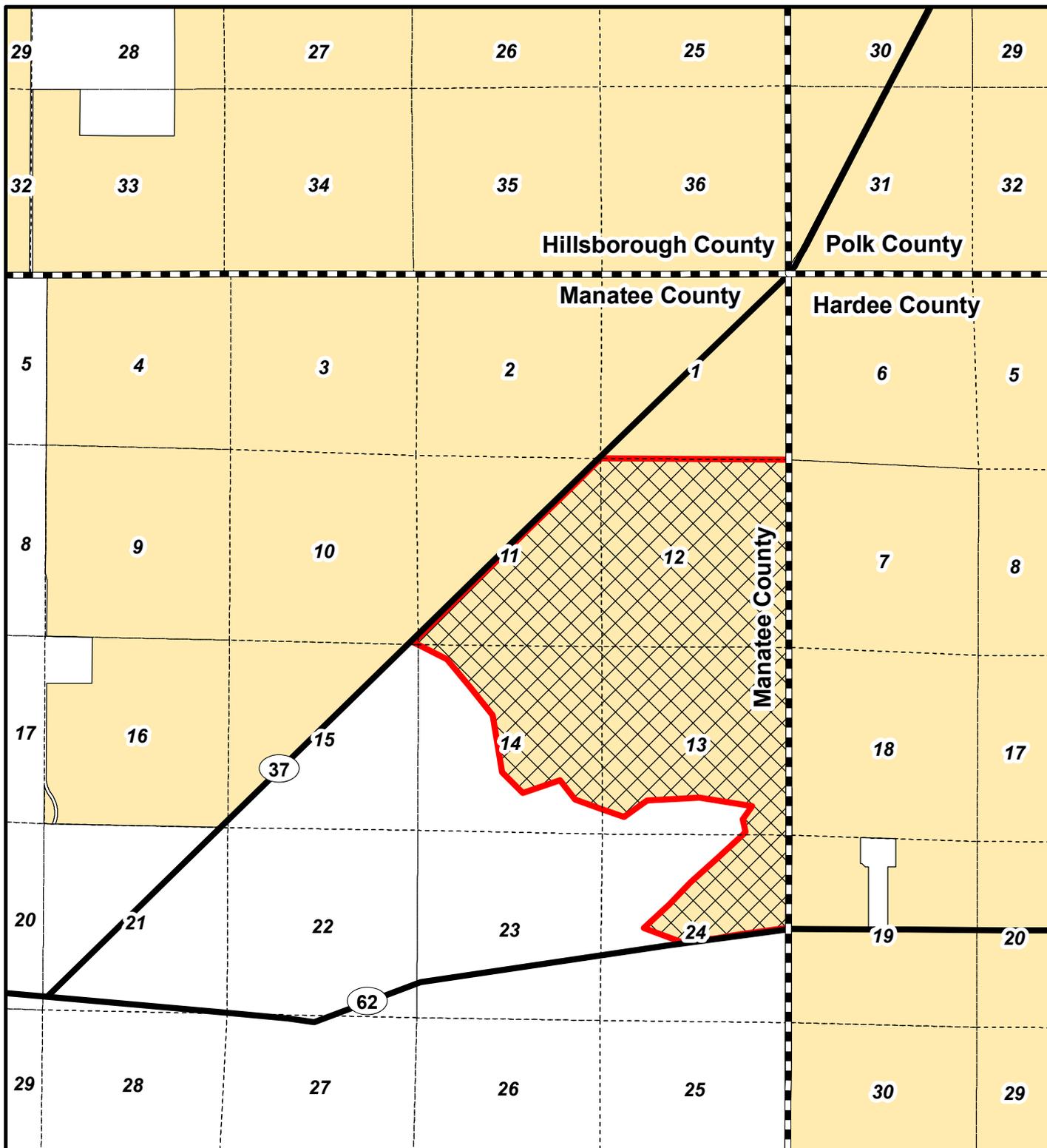
Section 12: All that part lying south and east (or southeasterly) of State Road 37.

Section 13: All, LESS the following described parcel: Begin at the Southwest corner of Section 13, thence proceed N 00°08'22" W, along the west line of the Section, 703.32 feet to the Watershed Boundary Line between the Horse Creek and East Fork Manatee River Basins; thence S 70°39'27" E, along the Watershed Boundary Line, 656.33 feet; thence N 54°20'37" E, 808.35 feet; thence N 87°01'51" E, 1471.24 feet; thence S 80°42'49" E, 1522.00 feet; thence S 35°44'47" W, 453.75 feet; thence S 12°20'01" E, 368.48 feet; thence S 47°27'45" W, 120.57 feet to the south line of the Section; thence N 89°39'59" W, along the south line of the Section, 1329.46 feet to the southeast corner of the SW 1/4 of the Section; thence N 89°41'26" W, along the south line of the Section, 2641.09 feet to the POINT OF BEGINNING.

Section 14: All, LESS the following described parcel: Begin at the southeast corner of Section 14, thence proceed N 88°49'39" W, along the south line of the Section, 2612.74 feet to the southwest corner of the SE 1/4 of the Section; thence N 88°49'12" W, along the south line of the Section, 2612.69 feet to the southwest corner of the section; thence N 00°09'14" E, along the west line of the Section, 5259.60 feet to the northwest corner thereof; said point also being on the Watershed Boundary Line between the Horse Creek and East Fork Manatee River basins; thence S 62°44'01" E, along the Watershed Boundary Line 911.05 feet; thence S 39°26'30" E, 2045.00 feet; thence S 09°12'34" E, 1639.06 feet; thence S 44°35'27" E, 830.69 feet; thence N 70°36'14" E, 1118.03 feet; thence S 37°25'01" E, 701.66 feet; thence S 70°39'27" E, 819.34 feet to the east line of the Section; thence S 00°08'22" E, along the east line of the Section, 703.32 feet to the POINT OF BEGINNING.

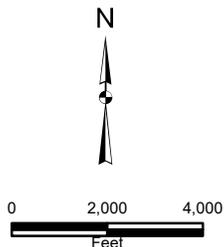
Section 24: That part lying north of State Road 60 (also known as the Parrish - Wauchula Road) LESS the following described parcel: Begin at the Northwest corner of Section 24, thence proceed S 89°41'26" E, along the north line of the Section, 2641.09 feet to the northeast corner of the NW 1/4 of the Section; thence S 89°39'59" E, along the north line of the Section, 1329.46 feet to the Watershed Boundary Line between the Horse Creek and East Fork Manatee River Basins; thence S 47°27'45" W along the Watershed Boundary Line, 937.28 feet; thence S 47°27'45" W, 1057.84 feet; thence S 44°00'59" W, 862.70 feet; thence S 47°00'11" W, 985.07 feet; thence S 69°40'57" E, 1180.90 feet to the north right-of-way line of State Road 62; thence S 80°20'42" W, along the north right-of-way line of State Road 62, 54.02 feet; thence S 81°43'26" W, 199.90 feet; thence S 83°26'32" W, 100.04 feet; thence S 84°35'11" W, 100.12 feet; thence S 82°35'00" W, 200.02 feet; thence S 82°35'00" W, 200.02 feet; thence S 81°43'26" W, 499.61 feet; thence S 81°22'48" W, 500.01 feet; thence S 81°49'02" W, 499.49 feet to the west line of the Section; thence N 00°44'51" E, along the west line of the Section, 763.16 feet to the southwest corner of the NW 1/4 of the Section; thence; N 00°41'53" E, along the west line of the Section, 2638.46 feet to the POINT OF BEGINNING.

All totaling 2,048.1 acres more or less.



Legend

-  Altman Parcel #4 Mine Boundary
-  County Lines
-  State Roads
-  Section Lines
-  Other Mosaic Property



Four Corners Mine
Altman Parcel #4

Figure 1
General Location Map

December 2018
Operating Permit Application

Exhibit B
Existing Reclamation Surety Bond

APPROVED in Open Session
2/12/19

Manatee County Board of County
Commissioners

Manatee County Government Administrative Center
Patricia M. Glass Commission Chambers, First Floor
9:00 a.m. - February 12, 2019

February 12, 2019 - Regular Meeting
Agenda Item #29

Subject

Mining - Altman Tract, Parcel No. 4 Reclamation Bond Rider Adjustment

Briefings

None

Contact and/or Presenter Information

Carmen Mosley, Sr. Fiscal Services Manager, 708-7450, Ext 7209

Alissa Powers, Environmental Program Manager, Parks & Natural Resources, 748-4501, Ext 1892

Brandy Wilkins, Bond Coordinator, 708-7450, Ext 7215

Action Requested

Accept Surety Bond No. 08941617 Rider, in the decreased amount of \$6,815,678.00.

Enabling/Regulating Authority

N/A

Background Discussion

In accordance with Ordinance 04-39, a phosphate mine reclamation bond covers one hundred ten percent (110%) of the reclamation cost for each acre of land to be disturbed during the coming year and all the previously disturbed by mining activities, and includes the costs of the wetland mitigation and the tear-down and removal of mine infrastructure.

The Altman Tract, Parcel No. 4 Reclamation Bond No. 08941617 has been decreased to \$6,815,678.00 (existing bond amount \$7,346,633.00). This bond rider adjustment covers reclamation and wetland mitigation requirements, including the fixed wetland bonding amount of \$2,000,000.00 as well as for each acre of land to be disturbed during 2019/2020 annual report year.

The bond rider amendment was certified by a registered third party engineer and was reviewed and approved by the Director of the Parks & Natural Resources Department or his designated staff.

County Attorney Review

Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records

Manatee County Government Administrative Center
Patricia M. Glass Commission Chambers, First Floor
9:00 a.m. - February 12, 2019

1. Please notify Brandy Wilkins at brandy.wilkins@mymanatee.org when document is ready for pickup.
2. Please provide copies of the executed documents after they have received Board of County Commission acceptance to Alissa Powers at Alissa.powers@mymanatee.org.

Cost and Funds Source Account Number and Name

N/A

Amount and Frequency of Recurring Costs

N/A

Attachment: [Altman Parcel 4 Surety Bond Rider.pdf](#)

ACKNOWLEDGEMENT BY SURETY

STATE OF ILLINOIS
COUNTY OF KANE

On this 11th day of December, 2018 before me, K. Hannigan, a Notary Public, within and for said County and State, personally appeared Sandra M. Winsted to me personally known to be the Attorney-in-Fact of and for Fidelity and Deposit Company of Maryland and acknowledged that she executed the said instrument as the free act and deed of said Company.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.



Notary Public in the State of Illinois
County of Kane



**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **BRIAN M. HODGES, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Sandra M. WINSTED, Susan A. WELSH, Judith A. LUCKY-EFTIMOV, James B. MCTAGGART, Debra J. DOYLE, Sandra M. NOWAK, Jessica B. DEMPSEY, Christina L. SANDOVAL and Diane M. O'LEARY, all of Chicago, Illinois, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 29th day of October, A.D. 2018.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: 
Secretary
Michael McKibben


Vice President
Brian M. Hodges

State of Maryland
County of Baltimore

On this 29th day of October, A.D. 2018, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **BRIAN M. HODGES, Vice President, and MICHAEL MCKIBBEN, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.





Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2019

Exhibit C
Existing General Surety Bond

**VERIFICATION CERTIFICATE FOR
INDEFINITE TERM SURETY BOND**

THIS IS TO CERTIFY that Bond No. 08941618 by FIDELITY AND DEPOSIT COMPANY OF MARYLAND, dated 3/6/2009, in the amount of Seven Hundred Fifty Nine Thousand Five Hundred and 00/100 Dollars (\$ 759,500.00) on behalf of MOSAIC FERTILIZER, LLC (as Principal) in favor of THE BOARD OF COUNTY COMMISSIONERS OF MANATEE COUNTY, FLORIDA (as Obligee), covers a term which began on 3/6/2019, and ends only with the cancellation of said bond or other legal termination thereof; and that the said bond remains in effect, subject to all its agreements, conditions and limitations.

Signed, Sealed and Dated 3/5/19.

FIDELITY AND DEPOSIT COMPANY OF
MARYLAND

By: 
Sandra M. Winsted, Attorney-In-Fact

ACCEPTED IN OPEN SESSION 4/23/19
BOARD OF COUNTY COMMISSIONERS, MANATEE COUNTY

ACKNOWLEDGEMENT BY SURETY

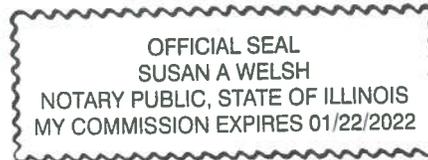
STATE OF ILLINOIS
COUNTY OF COOK

On this 5th day of March, 2019 before me, Susan A. Welsh, a Notary Public, within and for said County and State, personally appeared Sandra M. Winsted to me personally known to be the Attorney-in-Fact of and for Fidelity and Deposit Company of Maryland and acknowledged that she executed the said instrument as the free act and deed of said Company.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.



Notary Public in the State of Illinois
County of Cook



**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Sandra M. WINSTED, Diane M. O'LEARY, Susan A. WELSH, Judith A. LUCKY-EFTIMOV, James B. McTAGGART, Debra J. DOYLE, Sandra M. NOWAK, Jessica B. DEMPSEY and Christina L. SANDOVAL, all of Chicago, Illinois, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 28th day of January, A.D. 2019.



ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: *Robert D. Murray*
Vice President

By: *Dawn E. Brown*
Secretary

State of Maryland
County of Baltimore

On this 28th day of January, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2019

April 23, 2019 - Regular Meeting
Agenda Item #56

Approved in Open Session 4/23/19
Manatee County
Board of County Commissioners

Subject

Bonds (Mining) - Altman Parcel #4 - Bond Renewal

Briefings

None

Contact and/or Presenter Information

Carmen Mosley, Sr. Fiscal Services Mgr. - 708-7450, Ext 7209

Alissa Powers, Environmental Program Mgr. - 748-4501, Ext 1892

Brandy Wilkins, Bond Coordinator - 708-7450, Ext 7215

Action Requested

Accept Surety Bond Continuation Certificate No. 08941618 in conjunction with Operating Permit R-14-004 and in accordance with Ordinance 04-39 for a five year period.

Enabling/Regulating Authority

N/A

Background Discussion

The Parks and Natural Resources Department (PNRD) has reviewed the bond amount and has determined that it meets the requirements of the Manatee County Phosphate Code (Ordinance 04-39) and is consistent with Operating Permit R-18-080.

The Altman Parcel #4 Bond Number 08941618 amount has not changed (existing bond amount is \$759,500); the bond, however, has been extended for a five year (5) period.

County Attorney Review

Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records

1. Contact Brandy Wilkins at brandy.wilkins@mymanatee.org when document is ready for pickup.
2. Send copy of accepted document to Alissa Powers at alissa.powers@mymanatee.org.

Distributed 4/24/19 RT

Cost and Funds Source Account Number and Name

N/A

Amount and Frequency of Recurring Costs

N/A

Attachment: [Altman Parcel 4 Continuation Certificate.pdf](#)



MEMORANDUM

To: Brandy Wilkins, Bond Coordinator, Public Works
From: Alissa Powers, Environmental Program Manager, PNRD *ADP*
Date: March 13, 2019
Subject: Altman Tract - Parcel #4 - General Surety Bond Certificate of Continuation

Attached is the General Surety Bond Verification Certificate for the Altman Tract - Parcel #4 Mine, as required by the Manatee County Phosphate Mining Code (Ordinance 04-39). The County is currently reviewing an Operating Permit application for the operation of this mine for the next five (5) years. The existing bond amount of \$759,500.00 will remain in place, as approved in the Altman Tract Mine 5-year Operating Permit R-14-004, until such time as the review of the application is complete and any change in the bond amount is found acceptable to the County.

Accordingly, please schedule on the consent calendar for the next available Board of County Commissioner's Agenda the following "Form of Motion":

- **Acceptance of**, the attached General Surety Bond Verification Certificate for General Surety Bond Number 08941618 in the amount of \$759,500.00 as security for mining requirements at Altman Tract – Parcel #4 Mine. This action is to verify that the General Surety bond remains in effect.

I would appreciate receiving a copy of the executed document after it is accepted and signed by the Board of County Commissioners.

Thank you for your assistance on this matter.

Attachment: Verification Certificate for Indefinite Term Surety Bond No. 08941618

cc (w/o attachments): William Clague, CAO
Charlie Hunsicker, Director, PNRD
Rob Brown, Environmental Protection Manager, PNRD
Jay Matteson, Mosaic Fertilizer, LLC
Beth Niec, Mosaic Fertilizer, LLC

Exhibit D
Certification of Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/03/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis of Minnesota, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: PHONE (A/C No. Ext): 1-877-945-7378 FAX (A/C No.): 1-888-467-2378 E-MAIL ADDRESS: certificates@willis.com	
	INSURER(S) AFFORDING COVERAGE NAIC #	
INSURED Mosaic Fertilizer LLC Attn: Mike Bishop, Director Risk Mgmt. Atria Corporate Center, Suite E490 3033 Campus Drive Plymouth, MN 55441 USA	INSURER A: Old Republic Insurance Company 24147	
	INSURER B: Lexington Insurance Company 19437	
	INSURER C:	
	INSURER D:	
	INSURER E:	
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** W8334524 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			MWZY 308509	10/22/2016	10/22/2019	EACH OCCURRENCE \$ 3,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$ 3,000,000
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE \$ 6,000,000
	<input type="checkbox"/> AUTOMOBILE LIABILITY						PRODUCTS - COMP/OP AGG \$ 3,000,000
	<input type="checkbox"/> ANY AUTO						\$
	<input type="checkbox"/> OWNED AUTOS ONLY	<input type="checkbox"/> SCHEDULED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY	<input type="checkbox"/> NON-OWNED AUTOS ONLY					BODILY INJURY (Per person) \$
	<input type="checkbox"/> OTHER:						BODILY INJURY (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB			62785265	10/22/2018	10/22/2019	EACH OCCURRENCE \$ 25,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB						AGGREGATE \$ 25,000,000
	DED	RETENTION \$					\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input type="checkbox"/> N	N/A				OTHER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Altman Tract Parcel #4 part of Four Corners Mine.

General Liability including: property damage & personal injury, is provided by \$3,000,000 on the General Liability policy and \$2,000,000 on the Excess Liability Policy. Named Peril/Time Element Pollution Coverage per the policy

CERTIFICATE HOLDER County of Manatee, State of Florida Manatee County 1112 Manatee Avenue West, Suite 203 Bradenton, FL 34203	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--

AGENCY CUSTOMER ID: _____

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY Willis of Minnesota, Inc.		NAMED INSURED Mosaic Fertilizer LLC Attn: Mike Bishop, Director Risk Mgmt. Atria Corporate Center, Suite E490 3033 Campus Drive Plymouth, MN 55441 USA	
POLICY NUMBER See Page 1		EFFECTIVE DATE: See Page 1	
CARRIER See Page 1	NAIC CODE See Page 1		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

wording is provided under the General Liability policy for \$3,000,000 and an additional \$22,000,000 Named Peril/Time Element Pollution Coverage per the policy wording is provided under Excess Liability policy.

Exhibit E
Environmental Monitoring Program

EXHIBIT C
MONITORING PROGRAM REQUIREMENTS FOR
ALTMAN PARCEL #4 TRACT

1.0 GENERAL

The environmental monitoring program for the Altman Parcel #4 Tract is intended to (a) establish baseline conditions to continuously evaluate compliance of the mining operations with applicable standards and limitations over the life of the mine. The environmental monitoring program shall consist of monitoring of the following:

- | | |
|---------------------------|------------------------|
| 1. surface water quality | 4. mitigation wetlands |
| 2. surface water quantity | 5. rainfall |
| 3. groundwater quality | 6. radiation in soils |

Specific requirements relative to each above-identified component of the environmental monitoring program are outlined below.

Note that the baseline monitoring as listed below has been completed, however it continues to be included as part of the plan to document the past work.

2.0 SURFACE WATER QUALITY

2.1 Baseline Monitoring

2.1.1 Sampling Locations: The sampling locations (surface water stations) are shown on Figure 1 and the attached Table 1.

2.1.2 Parameters: Any surface water quality baseline monitoring commenced subsequent to this approval shall include the following parameters:

1. pH	15. Solids –Total Suspended TSS
2. Temperature	16. Sulfates - SO4
3. Turbidity	17. Radium - total (226 & 228)
4. Fluoride as F	18. Color
5. Dissolved Oxygen (DO)	19. Chlorophyll A
6. Conductivity	20. Chloride
7. Phosphorus - Total (PO4)	21. Silica
8. Ortho Phosphorus	22. Sodium
9. Nitrogen - Ammonia	23. Calcium
10. Nitrogen - Kjeldahl	24. Potassium
11. Nitrogen - Nitrite(NOX)	25. Magnesium
12. Nitrogen - Total	26. Iron
13. Fixed Solids	27. Alkalinity
14. Solids - TDS	

2.1.3 Frequency/Duration: All stations shall be monitored for a minimum of one (1) year to provide documentation of the background conditions prior to mining activities in the area, according to the following:

Surface water stations shall be monitored monthly for above listed parameters at any time surface flow is evident.

2.1.4 Methods: Grab samples shall be taken. Sample preservation and/or analysis shall be in accordance with “Standard Methods for the Examination of Water and Wastewater”, APHA, AWWA, and WPCF and/or other EPA-approved methods, unless otherwise designated by Manatee County. All monitoring activities shall be conducted in accordance with Mosaic’s FDEP-approved CompQAP.

2.1.5 Quality Assurance: Mosaic shall provide Manatee County with access to all surface water monitoring sites without prior notice to Mosaic, but Mosaic shall be entitled to notice to accompany any County representatives during on-site visits. The County reserves the right to spot sample any or all sites for analysis and/or may, upon notice, require the periodic collection of split samples by Mosaic for submittal to Manatee County for analysis.

2.1.6 Reporting: Reports of monthly analyses shall be compiled and submitted to Manatee County annually in an mutually acceptable electronic format. Mosaic shall also immediately notify Manatee County (both verbally and in writing) of any violations of standards upon receipt of analyses. Mosaic shall submit a compiled summary of the monitoring data for the year in the annual operating report.

2.2 Operational Monitoring

2.2.1 Sampling Locations:

- a. Operational monitoring sites shall be the same as designated under baseline sampling (2.1.1 above) and as shown on Figure 1.

2.2.2 Parameters:

- a. All stations shall be monitored for parameters as listed in 2.1.2 above.

2.2.3 Frequency/Duration: Surface water stations shall be monitored monthly when surface water flow is evident (time & day not specified, but at least 21 days apart). Operational monitoring shall be continued for the life of the mine.

2.2.4 Methods: Same as 2.1.4 above.

2.2.5 Quality Assurance: Same as 2.1.5 above.

2.2.6 Reporting: Same as 2.1.6 above; however, Mosaic shall also immediately notify Manatee County (both verbally and in writing) of any violations of standards upon receipt of analyses.

3.0 SURFACE WATER LEVELS & QUANTITY

3.1 Baseline Monitoring

3.1.1 Sampling Locations: Same as 2.1.1 above and include the SWFWMD watertable monitoring wells (piezometers) shown on Figure 1.

3.1.2 Parameters: Surface water quantity baseline monitoring shall consider water stage, water table level and flow.

3.1.3 Frequency/Duration: Surface Water Stations shall be monitored monthly at any time surface flow is evident and continue until 3 years after the connection of the last reclaimed connected wetland mitigation area is made on Parcel #4. SWFWMD watertable monitoring (piezometers) shall be monitored as required by the Water Use permit and continued until mining and reclamation are completed.

3.1.4 Methods: Monthly monitoring shall be accomplished by recording water levels on staff gauges, continuous gauges, flood-stage gauges or other similar equipment.

Geometric cross section of the stream beds shall be determined if stream bed / channel cross section change is noted at the sampling locations. On occasions when the streams are flowing, discharge measurements shall be obtained with a flow meter to calibrate stage vs. flow relationships. This information shall be applied to data gathered from the staff gauges and continuous flow gauge to generate flow data.

3.1.5 Quality Assurance: Mosaic shall provide Manatee County with access to all surface water monitoring stations without prior notice to Mosaic, but Mosaic shall be entitled to notice to accompany any County representatives during on-site visits. The County reserves the right to spot sample any or all sites for analysis and/or may, upon notice, require the periodic collection of split samples by Mosaic for submittal to the County for analysis.

3.1.6 Reporting: Water stage measurements shall be converted to flow data and shall be compiled and submitted annually to Manatee County in the annual operating report.

3.2 Operational Monitoring

3.2.1 Sampling Locations: Same as 3.1.1 above.

3.2.2 Parameters: Same as 3.1.2 above.

3.3.3 Frequency/Duration: Stations shall be monitored monthly at any time surface water flow is evident. Operational monitoring shall commence at the initiation of the BMP berm and recharge ditch construction within the first mining block on Parcel #4 and shall be continued for the life of the mine.

3.2.4 Methods: Same as 3.1.4 above.

3.2.5 Quality Assurance: Same as 3.1.5 above.

3.2.6 Reporting: Same as 3.1.6 above.

4.0 SHALLOW GROUNDWATER QUALITY

4.1 Baseline Monitoring

4.1.1. Sampling Location: The one (1) designated sampling location for the shallow groundwater quality baseline monitoring program shall be maintained. If mining requires the relocation of this site, the new site must be approved six (6) months before the old sites are impacted so as to allow a minimum of six (6) months' background sampling of the new site. The new site shall be approved by the Natural Resources Department. Approximate location of the existing sample well is shown on Figure 1.

4.1.2 Parameters: Shallow groundwater quality baseline monitoring shall include the following parameters:

1. pH
2. Conductivity
3. Nitrogen-Total
4. Nitrogen-Ammonia
5. Nitrogen-Nitrate/Nitrite (NOX)
6. Sulfates as SO
7. Phosphorus-Total as P
8. Total Organic Carbon (TOC)
9. Total Alkalinity as CaCO₃
10. Calcium
11. Magnesium
12. Sodium
13. Potassium
14. Chloride
15. Fluoride
16. Iron
17. Color
18. Radium (total, 226 & 228)

4.1.3 Frequency/Duration: Groundwater quality stations shall be monitored monthly for the above parameters. Monitoring shall commence prior to mining at the Altman and continue until 3 years after the last reclaimed wetland mitigation area is constructed on Parcel #4.

4.1.4 Methods: Samples shall be collected by pumping each well at a minimum rate of 20 gpm for at least five (5) minutes or other rate as required by Manatee County. Split samples shall be collected at the end of this period, while still pumping. Sample preservation and/or analysis shall be in accordance with “Standard Methods for the Examination of Water and Wastewater” APHA, AWWA, and WPCF and/or other EPA-approved methods, unless otherwise designated by Manatee County. All monitoring activities shall also be in accordance with Mosaic’s FDEP-approved CompQAP.

4.1.5 Quality Assurance: Mosaic shall provide Manatee County with access to all groundwater monitoring sites without prior notice to Mosaic, but Mosaic shall be entitled to notice to accompany any County representatives during on-site visits. The County reserves the right to spot sample any or all sites for analysis and/or may, upon notice, require the periodic collection of split samples by Mosaic for submittal to Manatee County for analysis (minimum of one-gallon samples).

4.1.6 Reporting: Same as 2.1.6 above.

4.2 Operational Monitoring

4.2.1 Sampling Locations: Operational sampling sites shall be the same as designated under baseline monitoring (4.1.1 above - monthly) and shown on Figure 1.

4.2.2 Parameters: As listed below: Same as 4.1.2 above.

pH	Dissolved Potassium
Conductivity	Dissolved Sodium
Turbidity	Dissolved Iron
Total Nitrogen	Dissolved
Total Ammonia	Chloride
Nitrate/Nitrite	Color
Sulfate	Chlorophyll a
Fluoride	Radium 226
Total Phosphorus	Radium 228
Total Alkalinity	TOC
Dissolved Calcium	Florida Petroleum Range Organics (FL-PRO)
Dissolved Magnesium	

4.2.3 Frequency/Duration: Shallow groundwater operational monitoring shall be conducted annually for parameters listed in 4.2.2. Operational monitoring shall

commence at the time mining starts on the Altman Parcel #4 Tract or when BMP installation is started. Monitoring shall continue throughout the life of the mine.

4.2.4 Methods: Same as 4.1.4 above.

4.2.5 Quality Assurance: Same as 4.1.5 above.

4.2.6 Reporting: Same as 2.1.6 above; however, Mosaic shall also verbally notify Manatee County of any violations of standards immediately upon receipt of analysis.

5.0 WETLAND MITIGATION MONITORING

5.1 Post Wetland Construction & Reference Wetland Monitoring

5.1.1. Sampling Location: In mitigation and reference wetlands at or near connections to preservation areas and at representative locations including deepest portions wetland community types. The selected sites shall be approved by the FDEP and copied to Manatee County for input.

5.1.2 Parameters: Shallow groundwater levels and flows to be used to establish and report wetland mitigation hydroperiods for mitigation monitoring reports.

5.1.3 Frequency/Duration: Piezometer water levels weekly from May to October and monthly from November to April or continuous monitors maybe installed to provide the required water level record. Water flows will be monitored monthly, if flow present, upon completion of contouring of the mitigation site.

Monitoring shall commence upon completion of contouring as outlined above and continue for 2 years or until the range of values of water levels and flows (hydroperiod) of the wetland mitigation is within the range of values predicted by the modeling, as required by the planned wetland type. The wetland design and analysis will be performed by the integrated ground and surface water modeling (e.g. MIKE-SHE).

5.1.4 Methods: Monthly and weekly monitoring shall be accomplished by recording water levels on staff gauges, continuous monitors, piezometers, flood-stage gauges or other similar equipment.

On occasions when the streams are flowing, monthly discharge measurements shall be obtained with a flow meter to calibrate stage vs. flow relationships. This information shall be applied to data gathered from the staff gauges and continuous flow gauge to generate flow data.

5.1.5 Quality Assurance: Mosaic shall provide Manatee County with access to all water monitoring sites without prior notice to Mosaic, but Mosaic shall be entitled to notice to accompany any County representatives during on-site visits.

5.1.6 Reporting: Same as 2.1.6 above.

5.2.0 Operational Monitoring – Not Required.

5.3.0 Reporting: Same as 4.1.6 above; however, Mosaic shall also verbally notify Manatee County of any violations of standards immediately upon receipt of analysis.

6.0 RAINFALL

6.1 Rainfall Monitoring

6.1.1 Sampling Locations: There shall be one (1) sampling location for rainfall monitoring at the Four Corners plant site.

6.1.2 Parameters: Rainfall amount shall be monitored.

6.1.3 Frequency/Duration: Rainfall shall be continuously recorded until mining and reclamation are completed.

6.1.4 Methods: A weighing-bucket type (Belfort) or equivalent recording gauge shall be used with the specific instrumentation subject to approval by Manatee County.

6.1.5 Quality Assurance: Manatee County shall require access to the rainfall monitoring site for purposes of instrument inspection. Mosaic shall regularly calibrate and service the recording gauge.

6.1.6 Reporting: Rainfall data shall be submitted to Manatee County on a quarterly basis.

7.0 RADIATION IN SOILS

The pre-mining and post-reclamation radiation monitoring is now administered by Florida Department of Health (DOH). The DOH conducts the pre-mining and post-reclamation monitoring, soil sampling, data compilation, analysis and reporting. Mosaic shall provide Manatee County with a copy of the DOH report containing the monitoring for the mining areas in Manatee County, when received from the DOH. Mosaic shall request DOH to notify Manatee County of the date and time when DOH does the field monitoring work so that Manatee County is given the opportunity to be present. Environmental radiation, monitoring for which is to be

performed in accordance with the following procedures or by alternative procedures approved by the Director.

- 7.1 Measurement grid.** The land to be monitored in the radiation survey shall be divided into 20 acre areas for measurement purposes. External gamma radiation measurements shall be taken at the density of one per acre of land. A soil sampling site representative of the area shall be selected for each 20 acre area. For areas less than 20 acres, at least one radium-226 sampling site shall be required.
- 7.2 Gamma Radiation Exposure Rate.** Gamma radiation exposure rate measurements shall be taken at each gamma radiation measurement point (one per acre) with an instrument using a scintillation detector positioned one meter above the ground surface. The instrument shall be calibrated for microrentgens per hour response to an extended natural radiation field.
- 7.3 Soil Sampling for Radium-226 Measurement.** A core sample, six feet in depth, shall be collected at each designated site (one per twenty acres) using a powered drill or hand auger. The core shall be extracted and transferred to an appropriate container for transfer to a laboratory for subsequent analysis.
- 7.4 Analysis of Radium-226 in Soil.** Soil samples shall be dried, thoroughly mixed, and placed in containers with radon-tight seals. The sample weight shall be determined and the sealed containers shall be held for thirty (30) days to allow radon-222 and its decay products to reach equilibrium with the radium-226 in the sample. The samples shall then be analyzed with an appropriately calibrated gamma-ray spectrometry system (scintillation or semiconductor detector). A combination of sample size and counting time shall be used to provide sufficient sensitivity to detect 0.5 picocuries per gram (pCi/g) with a 95% confidence interval of 0.5 pCi/g. Typical conditions would be a sample of at least 350 grams of soil and a counting time of 30 minutes. The radium-226 concentration shall be determined from the gamma spectrum by a technique appropriate to the type of system used.
- 7.5 Confirmation that baseline radiation measurements:** the area to be mined or disturbed during the initial year of the operating permit shall be conducted in accordance with the requirements of Section 7 above. In addition, annual monitoring will be kept in advance of mining disturbance and baseline monitoring shall be submitted with the annual reports, as completed by DOH.

8.0 PROVISION OF DATA FROM OTHER PROGRAMS

Mosaic shall submit copies to Manatee County of environmental monitoring data concerning the Altman Tract - Parcel #4* provided to other agencies. The data shall be submitted to Manatee County simultaneous with submission to the requiring agency.

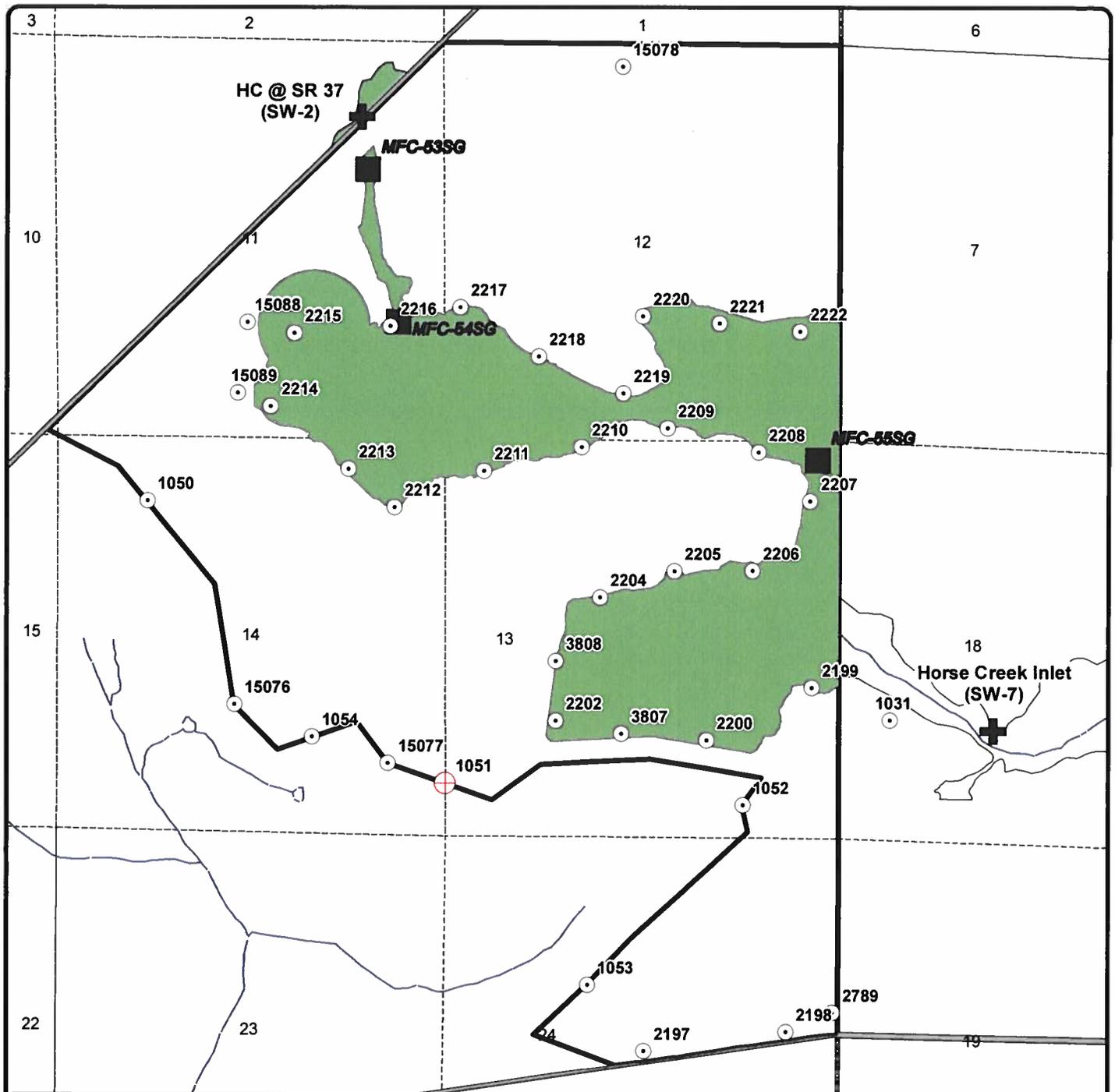
9.0 MODIFICATION OF MONITORING REQUIREMENTS

The monitoring program may be modified according to provisions of Manatee County Code of Laws, in order to respond to changes in priorities and regulations and according to new developments in mining technology that may improve environmental quality. In this way, unnecessary stations and parameters can be eliminated while additional ones are added as they are required and approved.

**Manatee County
 Altman Parcel #4*
 Operating Permit - Monitoring
 Plan
 Table 1**

Revised 12/30/08

<u>Item Name</u>	<u>System</u>	<u>Type</u>
SW-2	Horse Creek @ SR 37	Surface Water
SW-7	Horse Creek Inlet	Surface Water
A (SG-53)	Stream Sec. 11 – Water level	Continuous gauge for flows
B (SG-54)	Edge of Central Marsh Section 11	Continuous gauge for flows
C (SG-55S)	Outlet of Central Marsh Section 13	Continuous gauge for flows
MW-1051S(MW-12S)	Section 14 @ Property line	Groundwater Quality
SWFWMD Wells 1050 -2449	Water Use Permit Monitoring	Water Levels
Wetland mitigation Four Corners Plant	Parcel #4 Wet. Mitigation Rain gauge	Water levels & flows Rainfall



Legend

-  Surface Water Station
-  Staff Gauges
-  Monitoring Well - Water Level
-  Monitoring Well - Shall Groundwater Quality
-  Streams
-  Horse Creek
-  Undisturbed
-  Roads
-  Section Lines
-  County Lines
-  Altman Tract



Figure 1
 Water Monitoring Locations
 SWFWMD & Manatee Co.
 Altman Tract
 Mosaic Four Corners Mine



User: jam Date: 02/12/2019
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Exhibit F
Mining and Reclamation Schedule

Table 3A	Altman Parcel #4 - Wetland Summary
Table 4-4	Conceptual Mining and Reclamation Schedule
Table 35-4	Reclamation Schedule
Map 1A	Mining Schedule / Sequence
Map 2B	Reclamation Units
Map I-2A	Post Reclamation Vegetation Cover
Map I-2B	Wetland Reclamation
Figure DC-1	Eagle Management Area
Water Flow Map	

TABLE 3A

**ALTMAN PARCEL #4 - WETLAND SUMMARY
PROJECTED MINING AND RECLAMATION**

Condition 25 - Percent Total Wetlands in Active Mining							
Date:06/30/2019	<u>Yearly Acres</u>		<u>Cumulative Acres</u>		<u>Percent</u>		
	Mined / Disturbed Wetlands	Reclaimed Wetlands	Mined Wetlands	Reclaimed Wetlands	Wetlands Unreclaimed	Wetlands Impacted	Total Wetlands
Aug-09	0	0	0	0	0	0.0%	732
09/2010	88	0	88	0	88	12.0%	732
10/2011	0	0	88	0	88	12.0%	732
11/2012	0	0	88	0	88	12.0%	732
12/2013	0	0	88	0	88	12.0%	732
13/2014	85	60	173	60	113	15.4%	732
14/2015	29	0	201	60	142	19.3%	732
15/2016	90	75	291	135	157	21.4%	732
16/2017	50	50	342	185	157	21.4%	732
17/2018	56	58	397	243	154	21.1%	732
18/2019	0	0	397	243	154	21.1%	732
19/2020	0	18	397	261	136	18.6%	732
20/2021	0	0	397	261	136	18.6%	732
21/2022	0	198	397	458	-61	-8.4%	732
22/2023	0	35	397	493	-96	-13.1%	732
Grand Total	397	493					732

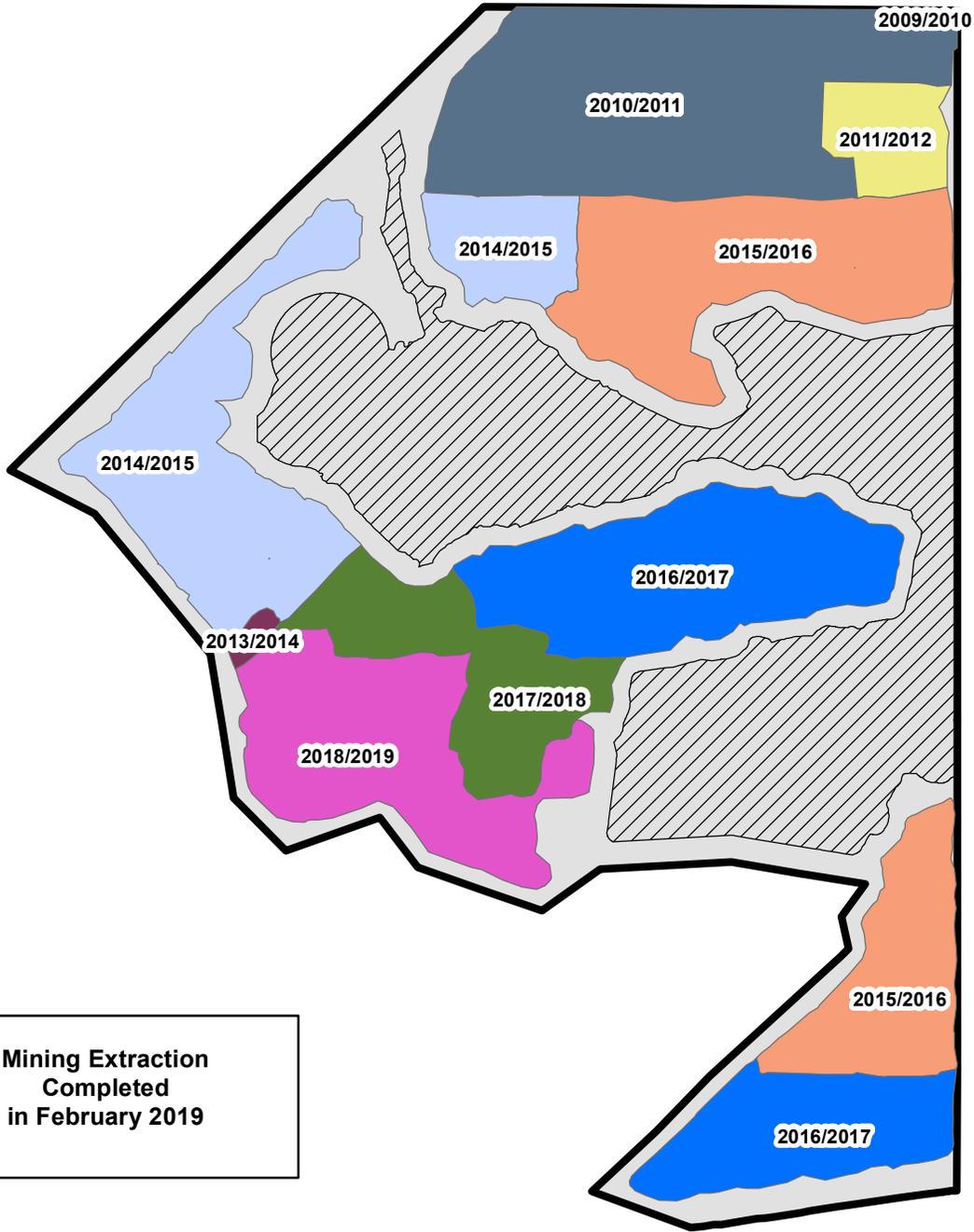
Footnotes: 1. Projected and actual acres mined/disturbed and reclaimed wetlands through shown dates.
2. (-)negative values represent a net increase in post reclamation acres.

**FOUR CORNERS MINE
ALTMAN TRACT – PARCEL #4**

**TABLE 35-4
Reclamation Schedule**

Reclamation Type	Reclamation Activity	*Time - Years
Graded Overburden	0. End of Mine use	---
	1. Contour - Earthwork	18 months
	2. Re - vegetation	6 months
	3. Growth Period	1 year
	Total Time	3 years.
Tailings Fill	0. End of Tailing fill (Mine use)	---
	1. Contour - Earthwork	18 months
	2. Re-vegetation	6 months
	3. Growth Period	1 year
	Total Time	3 years.

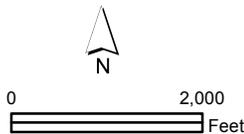
* Footnotes: Times are based on completion of all mining activities within a program or logical reclamation unit area that allows for reclamation of a sub-basin system rather than partial system. The Reclamation Schedule given in Table 35-4 will be automatically extended by the amount of time the County takes to review and approved post-reclamation hydrologic integrated surface and ground water modeling. Since the post-reclamation model is required to adjust the final post reclamation plans - soil profile and topography to match / mimic the hydrologic response of the pre-mining condition.



Mining Extraction Completed in February 2019

Legend

- | | |
|---|-------------------|
| Reporting Year Mined (July - June) | Preservation Area |
| 2009/2010 | Mine Boundary |
| 2010/2011 | |
| 2011/2012 | |
| 2013/2014 | |
| 2014/2015 | |
| 2015/2016 | |
| 2016/2017 | |
| 2017/2018 | |
| 2018/2019 | |

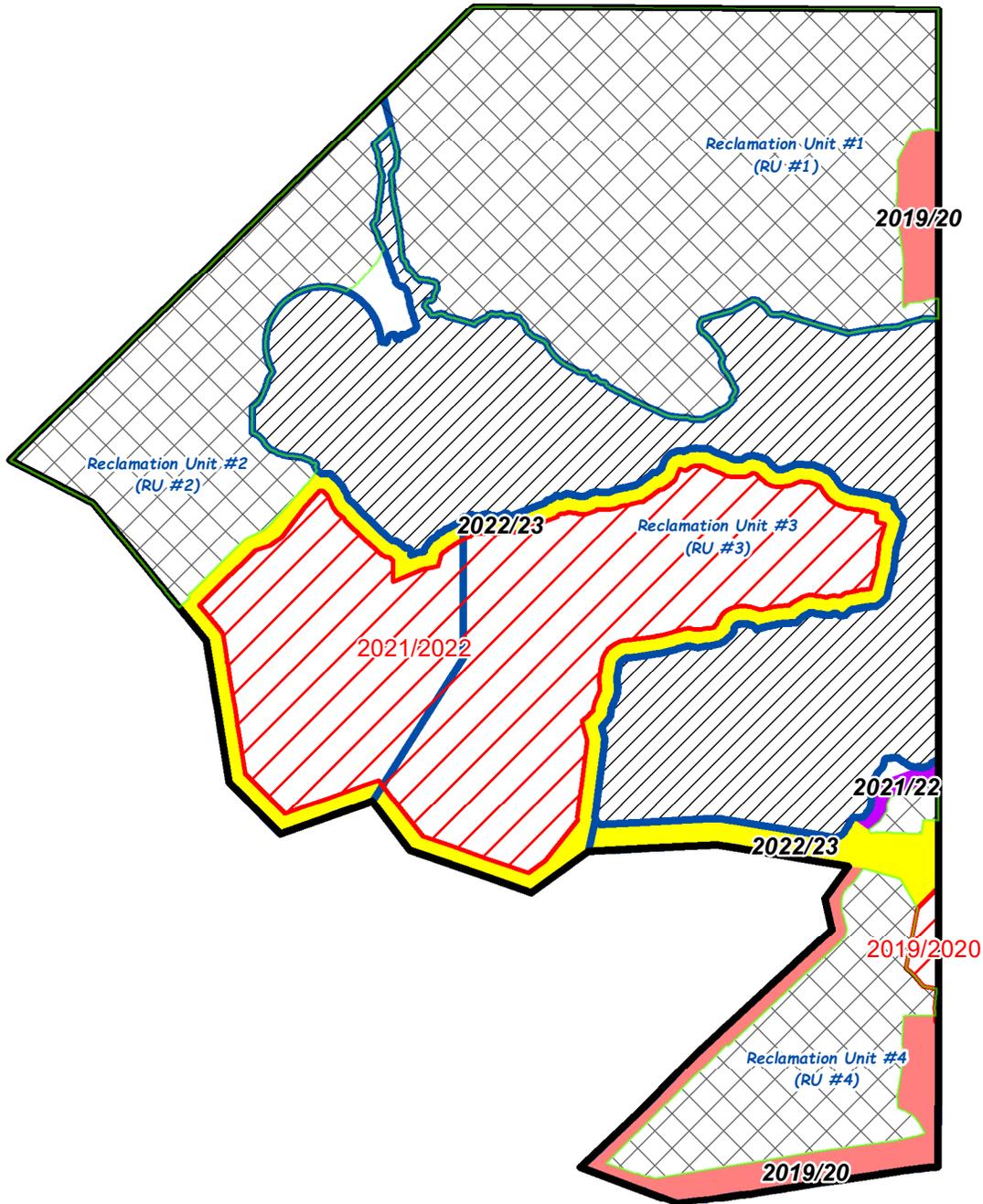


Four Corners Mine
Altman Parcel #4

MAP 1A
MINING
SCHEDULE / SEQUENCE

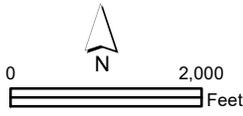
December 2018
Operating Permit Application

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Legend

- | | | |
|---|---------------------------|---|
|  | Previously Reclaimed Area | BMP Reclamation Year |
|  | Mine Boundary |  2019/20 |
|  | Reclamation Sequence |  2021/22 |
|  | Reclamation Units |  2022/23 |
|  | Preservation Area | |



Four Corners Mine
Altman Parcel #4

**MAP 2B
RECLAMATION UNITS**

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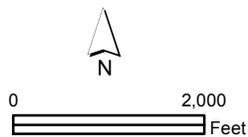
Revised: June 2019

User: keb Date: 8/8/2019

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- Legend**
- Preservation Area
 - 111 - Single Family
 - 211 - Improved Pastures
 - 212 - Unimproved Pasture
 - 213 - Woodland Pastures
 - 214 - Row Crops
 - 221 - Citrus
 - 310 - Rangeland - Herbaceous
 - 321 - Palmetto Prairies
 - 329 - Other Shrubs and Brush
 - 330 - Mixed Rangeland
 - 411 - Pine Flatwoods
 - 413 - Sand Pine
 - 425 - Temperate Hardwood
 - 427 - Live Oak
 - 432 - Sand Live Oak
 - 434 - Hardwood - Conifer Mixed
 - 438 - Mixed Hardwoods
 - 511 - Natural Streams
 - 513 - Ditched Wetlands
 - 514 - Ditched Uplands
 - 534 - Res. < 10 ac. (cattle Pond)
 - 611 - Bay Swamps
 - 613 - Gum Swamps
 - 616 - Inland Ponds and Sloughs
 - 617 - Mixed Wetland Hardwoods
 - 620 - Wetland Coniferous Forests
 - 625 - Hydric Pine Flatwoods
 - 626 - Hydric Pine Savanna
 - 630 - Wetland Forested Mixed
 - 633 - Hydric Hammock
 - 641 - Fresh Water Marshes
 - 643 - Wet Prairies
 - 647 - Shrub Marsh
 - 648 - Ag & Pasture
 - 649 - Hydric Rangeland
 - 743 - Spoil Areas
 - 814 - Roads
 - 817 - Oil, Water or Gas Long Distance Transmission Lines

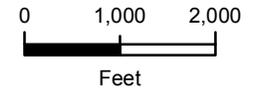
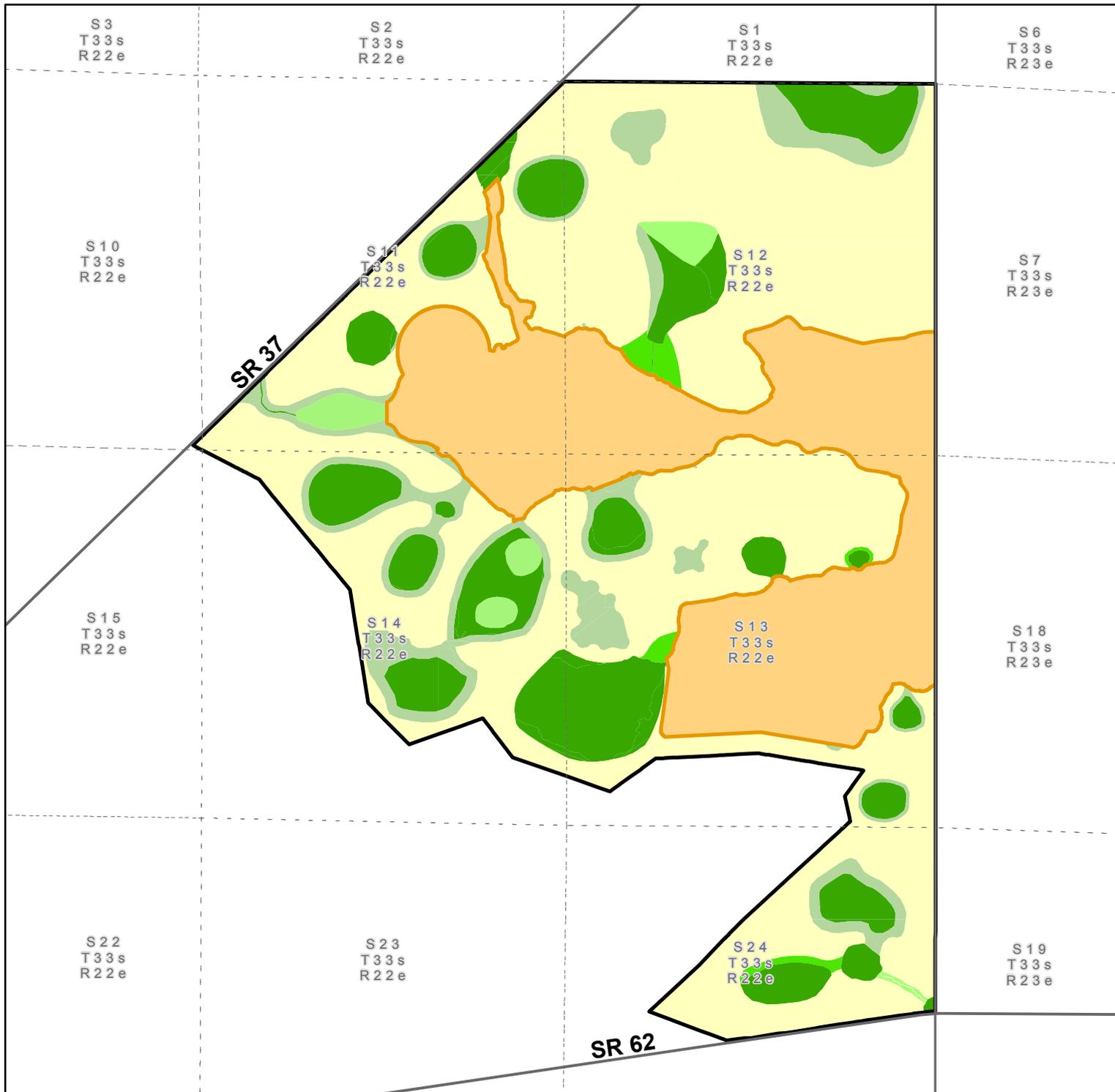


Four Corners Mine
Altman Parcel #4

Map I-2A
Post Reclamation Vegetative Cover

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Legend

— Township / Range Lines

- - - Section Lines

▭ Altman Boundary

▭ Preservation Area

Reclaimed Land Use

▭ Non-wetland

▭ 617 - Mixed Wetland Hardwoods

▭ 630 - Mixed Forested / Mixed Hardwood and Slash Pine Forest

▭ 633 - Hydric Hammock

▭ 641 - Freshwater Marshes

▭ 643 - Wet Prairies

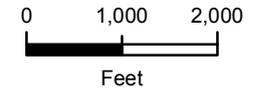
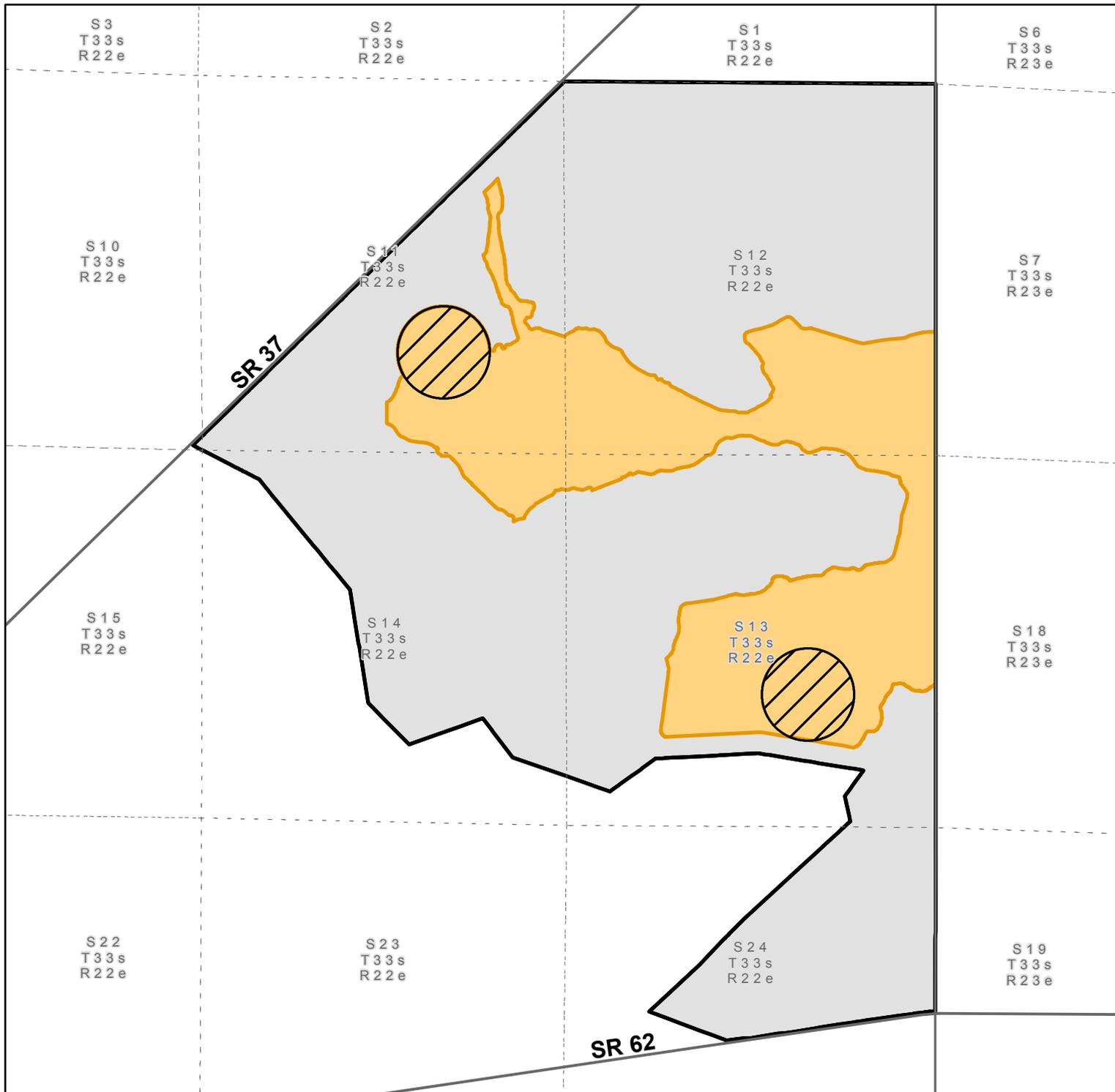
▭ 647 - Shrub Marsh



**Map I-2B
Wetland Reclamation**

**Altman Tract - Parcel #4
Operating Permit**

Post Reclamation

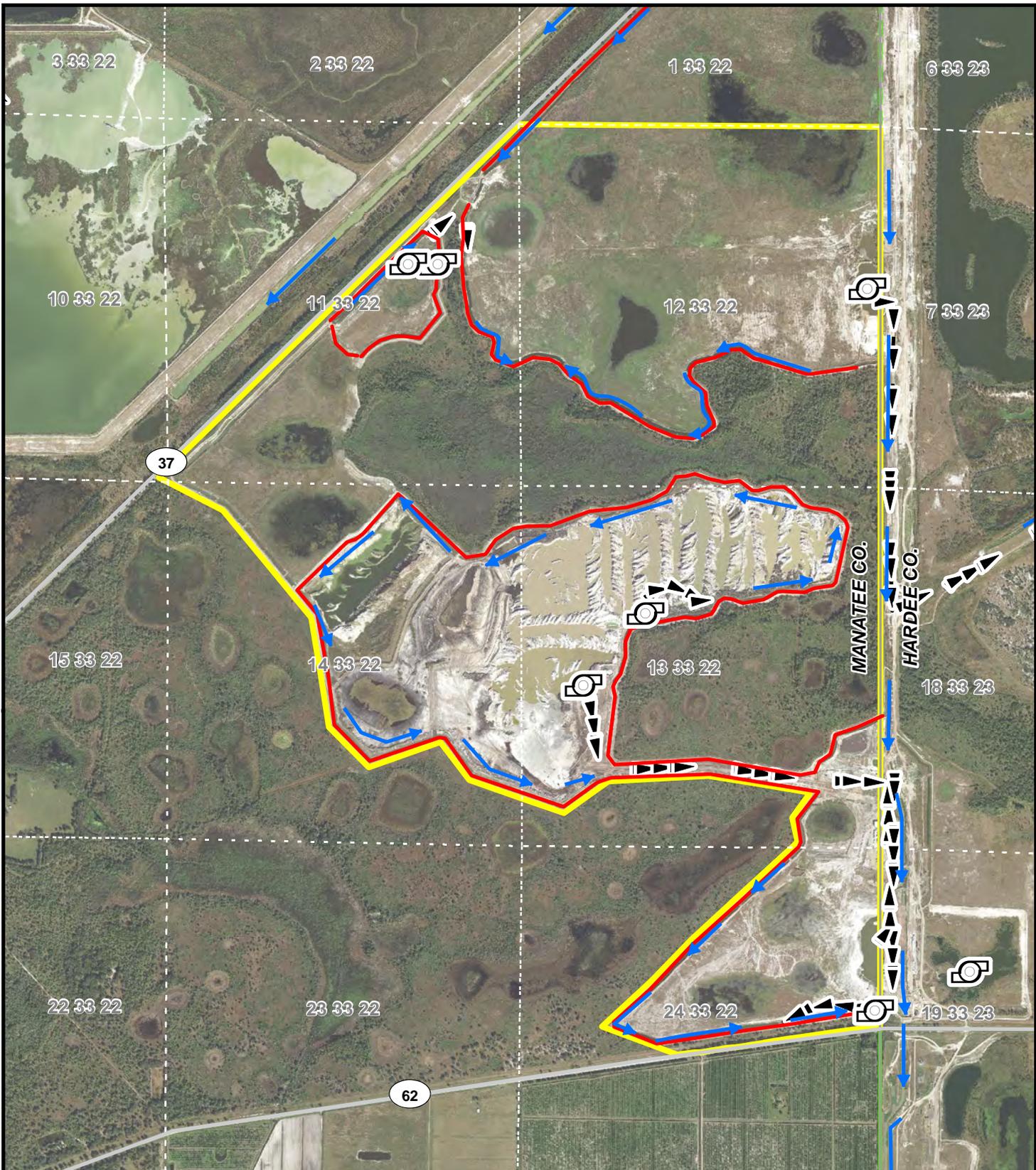


Legend

- Township / Range Lines
- Section Lines
- Eagle Management Area
- Preservation Area
- Altman Boundary



Figure DC-1
Eagle Management Area
Altman Tract - Parcel #4
Operating Permit



Legend

-  Pumps
-  Flow Line
-  Berms
-  Pump Pipelines
-  State Roads
-  County Roads
-  Township / Range Lines
-  Section Lines
-  Mine Boundary
-  County Lines



Aerial Flown: January, 2018

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**FOUR CORNERS MINE
 ALTMAN PARCEL #4**

Water Flow Map

**December 2018
 Operating Permit Application**