

#### Standard Agenda Item Cover Sheet

Agenda Item No.

			Meeting Date:				
Consent Section	Regu	lar Section	Public Hearing				
Requires Chair Signature?	☐Yes [	⊠No	Includes a Technology Comp	oonent?  Yes  N	No		
Subject: Big Four Mine	2023-2024	Annual Rep	oort				
-		Department	-Environmental Services Divi	sion			
	Cruz		Contact Phone	: (813) 276-8370			
Sign-Off Approvals:		05/05/2025	Kevin Moran	04/24/20	125		
George B. Cassady Assistant County Administrator		Date	Department Director	Date	123		
N/A  Management and Budget – Approved as to Financial Impact A		Date	Nancy Takemori  County Attorney – Approved as to Legal Sufficiency	04/28/20	)25		
Acceptance of the Big Four Mine 2023/2024 Annual Report for informational purposes. This phosphate mining and reclamation report provides a general review of mining operations, reclamation during the preceding reporting year and identifying expected activity for the subsequent reporting year.  Financial Impact Statement:  No County funds are required for this item.							
Background: Pursuant to Land Development Code (LDC) Section 8.02.09 of the Hillsborough County Land Development Code, a phosphate mining permittee is required to submit an Annual Report of Operations containing a general review of mining operations and reclamation during the preceding reporting year and identifying expected activity for the subsequent reporting year.  List Attachments:  • Hillsborough County Staff Review Report							
Attachment 2: Age     Attachment 3: Big	ency Comn	nents					

# County Staff Review Report

## Staff Review of the DRI #80 Mine 2023/2024 Annual Report

#### **Annual Review of Development Order Compliance Assessment**

The Big Four Mine Development of Regional Impact #80 was approved by the Hillsborough County Board of County Commissioners on April 14, 1982. The development encompasses 5,940 acres and is located in southeastern Hillsborough County, extending 5 miles north of CR 674 and 2 miles west of the Polk-Hillsborough County Line. The project was approved for Phosphate Mining. The project's build out date was May 4, 2011.

Pursuant to the Land Development Code (LDC) Section 8.02.09, the phosphate mining permittee is required to submit an Annual Report of Operations containing a general review of mining operations and reclamation during the preceding reporting year and identify expected activities for the subsequent reporting year.

#### **Agency Comments**

The Annual Report of Operations (Attachment 2) submitted for the Big Four Mine project has been reviewed by the County and other applicable agencies for compliance with the terms and conditions of the Development Order, Operating Permit, and approved plans. Review by Agencies (Attachment 1) generated a comment regarding Mosaic reporting "elevated" Total Phosphorus in surface waters.

All stormwater runoff from the active mine area was collected and released only through Florida Department of Environmental Protection (DEP) National Pollution Discharge Elimination Discharge System (NPDES) permitted outfall locations during mining activities. Mosaic reported mining is complete, and Mosaic has no plans to mine additional land at the Big Four Mine. The Big Four outfall was officially abandoned and removed from the permit effective October 1, 2013. Kingsford NPDES Permit No. FL0000256 was inactivated in March 2017.

In response to the Total Phosphorus comment, Mosaic requested third party analysis of total phosphorus and biological data. In summary, the third party reported that data shows phosphorus concentrations either remained stable over time or decreased slightly, and the biological communities for the surface water bodies scored 'healthy'. Hillsborough County Environmental Services Division will continue to observe surface water quality data.

Approval by the Administrator and/or the Board of County Commissioners does not relieve the applicant from the responsibility to comply with any applicable federal, state, and other local laws, regulations, and ordinances.

During this reporting year, the following development was reported:

#### **Project Status**

The developer of record is Mosaic Fertilizer, LLC, (Mosaic). The authorized agent is Russell T. Schweiss. The Development Order and Operating Permit have been amended four times. Mosaic reports that the total area mined through completion (June 30, 2007) is 4,166 acres of the 6,016.6 acres of the total DRI site and Mosaic has no plans to mine additional land during the 2024/2025 monitoring period.

#### **Mining Operations**

At this time, Mosaic indicated that there is no mining in DRI-80 Big Four Mine. Phosphate mining was completed in the Big Four Mine during the report years 2007/2008. Mosaic reports that all mine cut contouring and re-vegetation for the Big Four Mine has been completed by FDEP Reclamation Program.

#### **Clay Storage**

Mosaic did not report any changes to the total volume of the clay settling ponds BF-1, BF-2, BF-3, and BF-4.

#### Reclamation

Supplemental planting, monitoring and nuisance maintenance continued during the 2023/2024 reporting period.

Since 1982, Mosaic and its predecessors, Mosaic Phosphates Company and IMC Phosphates Company have requested and obtained written reclamation release letters from the Florida Department of Environmental Protection (FDEP) for certain FDEP Logical Reclamation Units (LRU) in the Big Four Mine.

Per the 2023/2024 Annual Report, Mosaic did not request reclamation releases from Hillsborough County EVSD and there was no indication that FDEP provided any reclamation release letters during the 2023/2024 reporting period. A release request for 54.7 acres was submitted to Hillsborough County on March 8, 2021. Upon further review, Hillsborough County staff requested additional information.

Hillsborough County and Mosaic are working to clarify the locations and amount of acreage identified as released by Hillsborough County outside of 2023/2024 annual report staff review. Future annual reports shall be updated, if needed, to include the areas verified as released by Hillsborough County.

#### **Annual Financial Responsibility**

Mosaic's current year, 2024/2025, proposed comprehensive (Hillsborough Consolidated Mines, Big Four Mine, and Hopewell Mine) financial responsibility agreement was reviewed and negotiated with the Office of Management and Budget, Hillsborough County Financial and Debt Analysis Department and was approved by the Board of County Commissioners on February 11, 2025. This comprehensive financial responsibility agreement includes the following: (1) a Reclamation Surety Bond equal or greater than \$94,299,815 (2) an Environmental Liability Insurance Policy in the minimum amount of \$43,000,000, and (3) a Corporate Guarantee from the Mosaic Company of

Delaware in the amount of \$11,769,656.00 to cover EPC wetland mitigation constructed but not yet released at \$7,393 per acre. The total amount of \$149,069,471 reported is based on the current level of the Reclamation Bond and Corporate Guarantee, plus the Environmental Liability Insurance Policy. An error on the Big Four portion of the Financial Responsibility was corrected and included as Attachment 3. For consistency purposes, a minor correction to the Corporate Guarantee in the comprehensive 2024/2025 Financial Responsibility was completed prior to the February 11, 2025, BOCC Meeting approval and has no impact on the Financial Responsibility summary in 2023/2024 Big Four Mine Annual Report.

#### **Projected Development:**

At this time, Mosaic indicated that there is no mining in DRI-80 Big Four Mine, and no additional mining is expected during the 2024/2025 monitoring period.

Activities expected during the reporting period of 2024/2025 include monitoring and maintenance of the reclamation in establishment for all areas as required by the County, Hillsborough County Environmental Protection Commission (HCEPC), and the Florida Department of Environmental Protection (FDE), and Army Corp of Engineers (ACOE). Routine maintenance and supplemental plantings will continue during the 2024/2025 reporting period.

#### **Project History**

- 1. On May 19, 1976, the Hillsborough County Board of County Commissioners (BOCC) approved and issued Development Order No. 75-13-DRI (the "DRI"), Mine Operating Permit No. 75-MINE-3 (the "Operating Permit"), and Rezoning Petition No. 75-189 (the "Zoning") for the Big Four Mine to the Smith-Douglas Division of Borden Chemical, Borden, Inc. The DRI, Operating Permit and Zoning approvals authorized mining and mining related activities at the Big Four Mine.
- 2. On July 16, 1980, the BOCC adopted Resolution No. 80-554 which transferred the DRI and the Operating Permit from Borden to AMAX Chemical Corporation (AMAX).
- 3. On April 14, 1982, the BOCC adopted Resolution No.82-315, amending the DO to include approximately 200 additional acres.
- 4. On January 28, 1987, the BOCC adopted Resolution No. R87-0024, which transferred the DRI and Operating Permit, as amended, from AMAX to Mobil, with Mobil Corporation and Mobil Oil Corporation jointly providing a Corporate Guarantee to the BOCC to cover financial responsibility of the Big Four Mine.
- 5. On September 23, 1992, the BOCC determined that certain amendments were not a substantial deviation and adopted Resolutions No. R92-0243 and No. R92-0244; amending the Development Order 75-13-DRI and Operating Permit 75-Mine-3 respectively.
- 6. On October 8, 1996, the BOCC adopted Resolution No. 96-256, which among other things, approved and recognized IMC Agrico as the owner and developer of the Big Four Mine with all the rights and responsibility under the DRI, but maintained that all financial responsibility requirements for the Big Four Mine shall remain the responsibility of Mobil Corporation and Mobil Oil Corporation, until the transfer of the Operating Permit for the Big Four Mine.
- 7. On May 22, 2001, the BOCC adopted Resolution No. R01-104, which transferred the Development Order and Operating Permit from Exxon/Mobil (formerly known as Mobil

- Corporation) to IMC Phosphates Company (formerly known as IMC Agrico), with IMC Phosphates Company providing an acceptable financial security agreement, and absolving Mobil of all financial responsibility for the Big Four Mine.
- 8. On May 22, 2001, the BOCC adopted Resolution No. R01-089, which extended the life of the Development Order to May 4, 2008, and provided that this effective period may be extended by the BOCC upon a finding of excusable delay in any proposed development activity.
- 9. On October 25, 2004, IMC Phosphates Company merged with Cargill Crop Nutrition and was renamed Mosaic Phosphates Company.
- 10. On July 29, 2005, Mosaic Phosphates Company merged with and into Mosaic Fertilizer, LLC.
- 11. On October 21, 2008, the BOCC adopted Resolution No. R08-173, which extended the life of the Development Order (DO) from May 4, 2008 to May 4, 2011, an extension of 3 years to correspond with the Florida Statue 380.06(19)(c) authorizing the build out / completion date. A previous amendment in 1992, application #392.10P, extended the DO from May 19, 1996 to May 4, 2001, an extension of four years, 11 months, and 15 days. A second previous amendment in 2000, application #1200.14P, extended the DO from May 4, 2001 to May 4, 2008, an additional extension of seven years.

# Attachment 1: Agency Comments

						besolved Date			8					
					For Reviewers Use Only	Resolution			ş					
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					For Applicants Use Only	Religious Follow-up Response Date								
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						Date			97470707HE					
						Response Accepted	1034	1024	11702001 Absonwagenet 0100. 1170200314E 0190	10.04	1034	1034	NG04	1024
					For Applicants Use Only	Applicant Response		8/34/2034 No Comments 10/34/2034	In Newton of all two grotnership (20) but the first get from the Newton was the color and the color of the c	(30)20.04 NO COMMENTS 10),04/20.04	107/H203 Admonitedged 10/H/2034	10/2/2021 Admoniedigid	Mining and construction of reclamation earls scomplete in the Rig Four Markes as, Construction of Institution and Statistics associated with supplicit and included and supplicit multicentated of celamation associated en	No Comments 10/34/2038
						Initial Comm ent(s)/ Request for Info		No Comments 8.	The state of the s		Hibberough County (VS) and Mossic constitute with with migglicit, counts needing maintenancy, liking area that need repair, gig four DRSDAR General Commerce, supplemental planting, and misglation of instance spaces.	BOCC nent proval	"Demption" is The Committee of the Commi	No Comments
					Only	Page Sheet No.		ĺ	8		neral Comment	25		
Mosaic Fertilizer, LLC	Kim Cruz	813-276-8370	Crudi@hilsboroughcounty.org	1/29/2024	For Reviewers Use Only		Big Four DRI 80 A R	Big Four DRI 80 AR	8 M P C 4 M P	BE FOULDWISDAR	Big Four DRI 80 AR Ge	Big Four DRI 80 A.R.	Big Four DN 80 AR	Big Four DRI 80 AR
						Organization/Discipline		BC	nossian	ENSO	EV50	EVSD	8	DAG .
Applicant Name:	HC Contact Name	HCContact Phone No.:	HC Gentact Brasili	Submittal Due Date:		Reviewer	8	EdCoppock	John Start	David Glossberg/ Loy Green	Kevin Carter/Km Cruz	Kevin Caret/kim Cruz	Mary Gulfinie	Sara Gonzalez
						Comment No.	1	2	-		'n	ø	٨	**

# Attachment 2: Big four Mine DRI#80 2023/2024 Annual Report



The Mosaic Company Big Four Mine – DRI #80

2023-2024 Annual Report

July 29, 2024

Suite 2500 Tampa, FL 33602 www.mosaicco.com



July 29, 2024

Ms. Kim Cruz Environmental Supervisor Hillsborough County Environmental Services 332 N. Falkenburg Road Tampa, Florida 33619

Re: Mosaic Fertilizer, LLC (Mosaic) 2023/2024 Hillsborough County Big Four Mine Annual Report; DRI #80

Dear Ms. Cruz:

Pursuant to Sections 8.02.09 and 8.02.10B. of the Hillsborough County Land Development Code, Mosaic is filing 1 copy of its 2023/2024 Annual Report of Operations for the Big Four (DRI #80).

The required annual report filing, and review fees will be paid to Hillsborough County Board of Commissioners. In addition, the latest available financial statements and information can be downloaded or viewed at <a href="https://www.mosaicco.com">www.mosaicco.com</a> under the category of Investors, sub-category Financial Information.

Please contact me at <u>laney.mcgraw@mosaicco.com</u> if you have any questions or require additional information regarding this submittal.

Sincerely,

The Mosaic Company

Laney McGraw

Mine Permitting Specialist

Cc: See exhibit F

#### **INDEX**

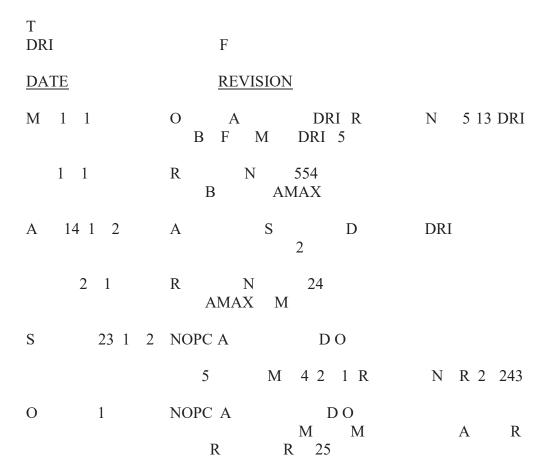
#### THE MOSAIC COMPANY BIG FOUR MINE 2023/2024 ANNUAL REPORT

- 1. DRI Annual Report
  - Exhibit F Distribution List
  - Exhibit G Summary Status of Development Order Conditions
- 2. Hillsborough County Annual Report of Operations & Financial Responsibility
- 3. Maps
- Map 1 Previous and Proposed Mining
- Map 2 Reclamation Programs and Hillsborough County Mining Unit (MU) Locations
- Map 3 Clay Settling Areas
- Map 4 Aerial Photograph
- Map 5 Mining Unit Boundaries Reclamation Status
- Map 6 FDEP Reclamation Programs Reclamation Status
- Map 7 Base Map Reclamation Status
- 4. Environmental Monitoring Data
- 5. Reclamation Release Status

# SECTION 1 DRI ANNUAL REPORT EXHIBITS F & G

DRI Annual Reporti	1 2	23	3 2 24	
<b>Development:</b>		DRI	B F	M
Location:		NA City	H Coun	ty
Developer Name (Co	ontact):	S		
Company Name:	T M C			
Address:	1 1 E T FL 33 2 City, State Zip C		25	

- 1.) Describe any changes made in the proposed plan of development, phasing, or in the representations contained in the Application for Development Approval since the Development of Regional Impact received approval. Note any actions (substantial deviation determinations) taken by local government to address these changes.
  - a.) Describe changes in the plan of development or phasing for the reporting year and for the subsequent years;



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b.) State any known incremental DRI applications for development approval or requests for a substantial deviation determination that were filed in the reporting year and to be filed during the next year;

S 1 N

c.) Attach a copy of any notice of the adoption of a Development Order or the subsequent modification of an adopted Development Order that was recorded by the developer pursuant to Subsection 380.06 (14)(d), F.S.

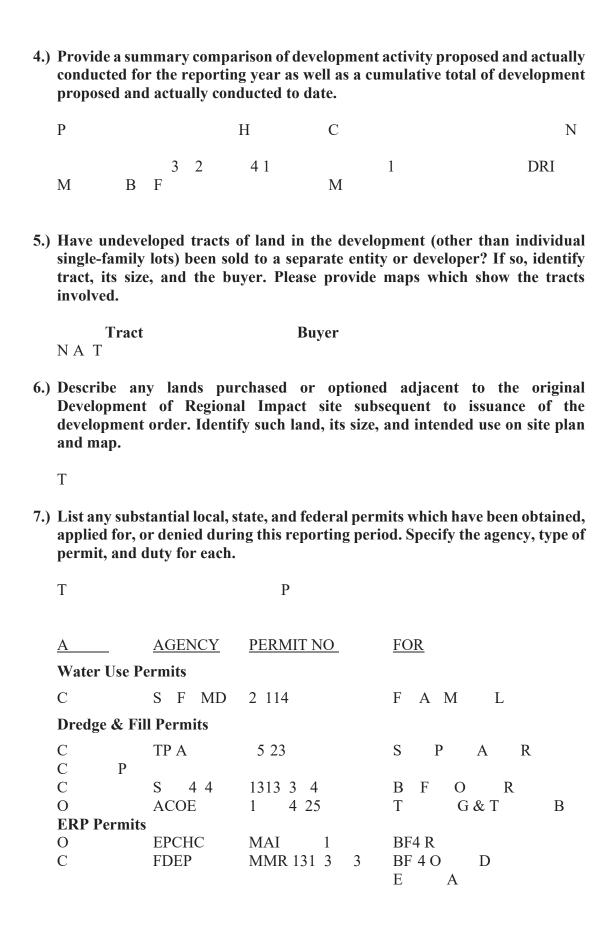
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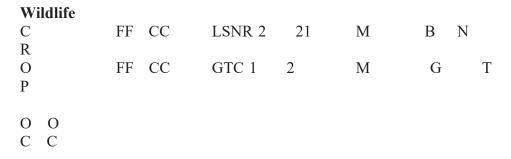
2.) Has there been a change in local government jurisdiction for any portion of the development since the development order was issued? If so, has the annexing local government adopted a new Development of Regional Impact Development Order for the project? Please provide a copy of the order adopted by the annexing local government.

T

3.) Provide copies of any revised master plans, incremental site plans, etc., not previously submitted.

T O P





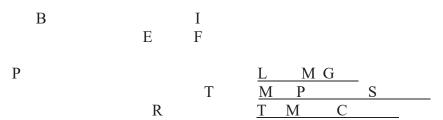
8.) Provide a list specifying each development order condition and each developer commitment as contained in the ADA and state how and when each condition or commitment has been complied with during the annual report reporting period.

S E G

9.) Provide any information that is specifically required by the Development Order to be included in the annual report.

M D S S 4

10.) Provide a statement certifying that all persons have been sent copies of the annual report in conformance with Subsections 380.06 (15) & (18), F.S.



#### EXHIBIT F EXTERNAL DISTRIBUTION LIST

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#### EXHIBIT F INTERNAL DISTRIBUTION LIST

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	EXHIBIT G SUMMARY STATUS OF DEVELOPMENT ORDER CONDITIONS Big Four Mine	
CONDITION No	CONDITION SUMMARY	STATUS
	May 5, 2008	
	May 22, 2001 Amendment	
	Development Order extended to May 4, 2008.	N
	October 8, 1996 Amendment	
II B	A R D 31	Т
	September 23, 1992 Amendment	
IV A	C DO DO	N
A 2	M 5	Т
	25 & B	
IV B	С	N
IV C	R A R	S II B
	DRI #80 – April 14, 1982 S/D Amendment	
III B 1	N 25 A R &	N N 25

	EXHIBIT G SUMMARY STATUS OF DEVELOPMENT ORDER CONDITIONS	
	Big Four Mine	
CONDITION No	CONDITION SUMMARY	STATUS
III B 2	M ADA	N T A
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III B 4	D	N
III B 5	Т	N T
III B	M D O	N
C 1	D	N
	Н С	
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C 4	R	R
C 5	N S BF 4	N

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С	F					C T	
	DRI 75-13 Approved March 29, 1976						
	D A R	25 H	С	S	P	N	T
	G B					Т	

# SECTION 2 REPORT OF OPERATIONS & FINANCIAL RESPONSIBILITY

## Combo Phosphate Mining & DRI Annual Report Application



#### **Important Instructions to All Applicants:**

Please email your completed application to ZoningIntake-DSD@HCFLGov.net. Incomplete applications will not be accepted

500-6891		
500-6891		
500-6891		
Daytime Phone (813) 500-6911 City/State/Zip: Lithia, Florida 33547		
00-6934		
une 30, 202		

Phosphate 1 of 4 07/2024

# Identification of Sensitive/Protected Information and Acknowledgement of Public Records



Pursuant to <u>Chapter 119 Florida Statutes</u>, all information submitted to Development Services is considered public record and open to inspection by the public. Certain information may be considered sensitive or protected information which may be excluded from this provision. Sensitive/protected information may include, but is not limited to, documents such as medical records, income tax returns, death certificates, bank statements, and documents containing social security numbers.

While all efforts will be taken to ensure the security of protected information, certain specified information, such as addresses of exempt parcels, may need to be disclosed as part of the public hearing process for select applications. If your application requires a public hearing and contains sensitive/protected information, please contact <a href="https://disclosed.new.org/hills.com/hills.c

Additionally, parcels exempt under <u>Florida Statutes §119.071(4)</u> will need to contact <u>Hillsborough County Development</u>, <u>Services</u> to obtain a release of exempt parcel information.

Are you seeking an exemption from public disclosure of selecto Chapter 119 FS?  Yes  No	ted information submitted with your application pursuant
I hereby confirm that the material submitted with application Includes sensitive and/or protected information.	Big Four Mine
Type of information included and location	
Does not include sensitive and/or protected info	
Please note: Sensitive/protected information will not be accepted/requeste	d unless it is required for the processing of the application.
If an exemption is being sought, the request will be reviewed t being held from public view. Also, by signing this form I ackr	owledge that any and all information in the submittal will
become public information if not required by law to be protec	ted.
Signature: My Must be signed by applicant o	r authorized representative)
· ·	
Intake Staff Signature:	Date:



## Affidavit to Authorize Agent (If applicant is other than owner)

#### **State of Florida County of Hillsborough**

(See Page 4 to complete statements 1-4	
(Name of all property owners), being first duly sworn, depos	e(s) and say(s):
1. That (I am/we are) the owner(s) and record title holder(s)	of the following described property, to wit:
Address or general location:	Folio No(s): See page 4
2. That this property constitutes the property for which a rec	quest for a: Annual Report Review
	(Nature of request)
is being applied to the Board of County Commissioners, H	illsborough County.
3. That the undersigned (has/have) appointed N/A	
as (his/their) agent(s) to execute any permits or other doc	cuments necessary to affect such permit.
<ol> <li>That this affidavit has been executed to induce Hillsboroug described property;</li> </ol>	gh County, Florida, to consider and act on the above-
5. That (I/we), the undersigned authority, hereby certify that	the foregoing is true and correct.
Signed (Property Owner)	Signed (Property Owner)
Russell Schweiss (Authorized Representative)	
Type or Print Name	Type or Print Name
STATE OF FLORIDA COUNTY OF HILLSBOROUGH	STATE OF FLORIDA COUNTY OF HILLSBOROUGH
The foregoing instrument was acknowledged before me by	The foregoing instrument was acknowledged before me by
means of $ abla$ physical presence or $\square$ online notarization,	means of $\square$ physical presence or $\square$ online notarization,
this <u>Jane</u> day of <u>July</u> , <u>Joay</u> , by  Russell Schweiss	this, day of, by
Russell Schweiss (name of person acknowledging)	(name of person acknowledging)
Personally Known OR  Produced Identification	☐ Personally Known OR ☐ Produced Identification
Type of Identification Produced	Type of Identification Produced
(Signature of Notary taking acknowledgment)	(Signature of Notary taking acknowledgment)
Sandra A Adams Type or Print Name of Notary Public	Type or Print Name of Notary Public
Commission number Expiration date	Commission number Expiration date
SANDRA A. ADAMS  Notary Public - State of Florida  Commission # HH 051639  My Comm. Expires Oct 7, 2024  Bended through National Notary Assn.	f 4 07/2024



#### **Property/Project Information Sheet**

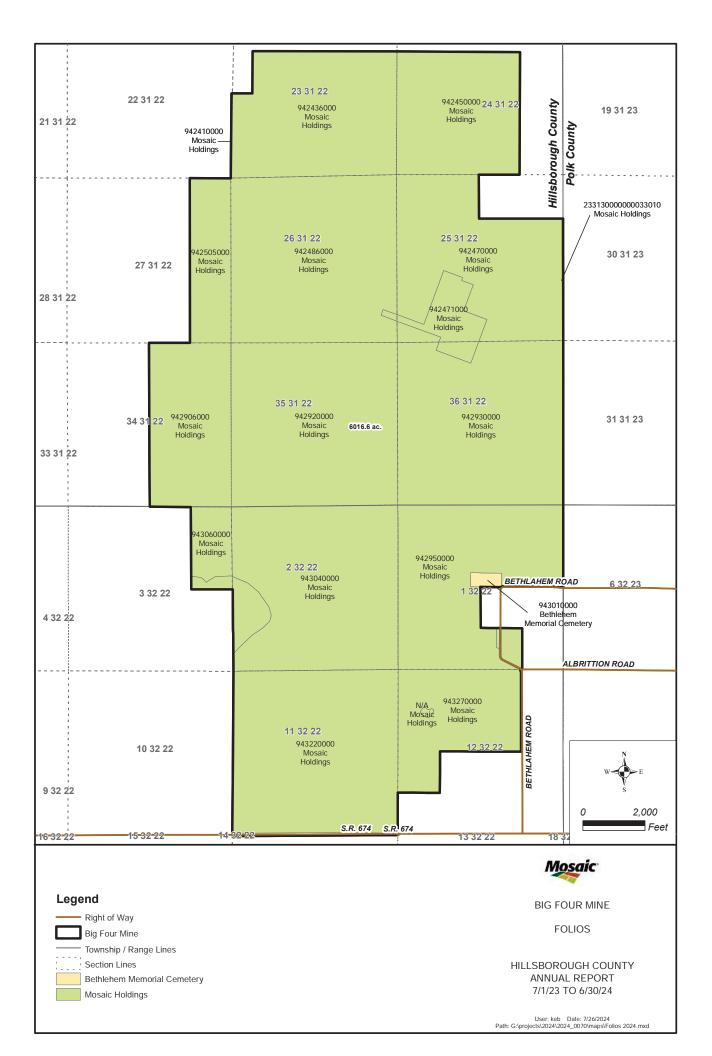
Official Use Only						
Application No:						
roposed Project Name (If applicable): Big Four Mine DRI#80Related Applications: N/A	-					
Code Enforcement/Building Code violation No. (if applicable): N/A						
et each folio within the proposed project along with the corresponding information for each (Use additional cheets if						

List each folio within the proposed project along with the corresponding information for each (Use additional sheets if necessary).

Folio Number	Owner(s) Name(s) as listed on the deed	Acreage	Current Zoning	Future Land Use Category	S/T/R**
942410000	Mosaic Holdings	0.9	AM	A/M	22/31S/22E
942436000	Mosaic Holdings	470.4	AM	A/M	23/31S/22E
942450000	Mosaic Holdings	360.0	AM	A/M	24/31S/22E
942470000	Mosaic Holdings	501.9	AM	A/M	25/31S/22E
942471000	Mosaic Holdings	86.6	AM	A/M	25/31S/22E;26/31S/22E; 36/31S/22E
942486000	Mosaic Holdings	654.8	AM	A/M	26/31S/22E
942505000	Mosaic Holdings	160.8	AM	A/M	27/31S/22E
942906000	Mosaic Holdings	319.3	AM	A/M	34/31S/22E
942920000	Mosaic Holdings	646.7	AM	A/M	35/31S/22E
942930000	Mosaic Holdings	630.7	AM; AR	A/M; A/R	36/31S/22E
942950000	Mosaic Holdings	510.3	AM; AR	A/M; A/R	1/32S/22E
943010000	Bethlehem Memorial Cemetery	10.4	AR	A/M; A/R	1/32S/22E
943040000	Mosaic Holdings	648.1	AM	A/M	2/32S/22E
943060000	Mosaic Holdings	80.1	AM	A/M	3/32S/22E
943220000	Mosaic Holdings	637.8	AM	A/M	11/32S/22E
943270000	Mosaic Holdings	279.2	AM; AR	A/M; A/R	12/32S/22E
N/A	Mosaic Holdings	3.6	AR	A/R	1/32S/22E; 12/32S/22E
	Total Acreage:	6001.6			

<sup>\*</sup> If Current Zoning is PD, list PD application number as well.

<sup>\*\*</sup> Section / Township / Range



# ESTIMATED FINANCIAL RESPONSIBILITY THE MOSAIC COMPANY BIG FOUR MINE REPORTING PERIOD

ULY 1, 2023 TO UNE 30, 2024

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					OR NON MANDA				AREAS

3 3 PER ACRE AS CALCULATED BY DECEMBER  $\,$  EE  $\,$  1 2 23 2  $\,$  COST CONSTRUCTION INDEX PERCENT CHANGE 2 22 2 3 COST PER ACRE OF  $\,$  2

5 AS DESCRIBED IN LDC S 2 1 C 1

LMU 1 B F DRI T DRI 2 1 2 2

## BIG FOUR MINE FINANCIAL RESPONSIBILITY 2023-2024

MINING SUMMARY

 MINING THROUGH 2007
 UNMINED

 Complete)
 COVERED

 MINE
 (acres)
 BY CSA (acres)
 TOTAL

 BFO
 4,170
 383
 4,553

 TOTAL
 4,170
 383
 4,553

REVEGETATION SUMMARY

			FDEP R	FDEP RELEASED				REC	RECLAMATION
BFO	Reclamation Program	Mined (A)	Dist.	Program Total (1)	Other Rel.	Total Mined Acres	Reclaimed Lands	IN 1 YR EST	COMPLETE BEYOND 1 YR EST
	IMC-BF-1	17	15		0.0	17	0		
	IMC-BF-2	10	5		0.0	10	0		
	IMC-BF-3A	75	18	66	0.0	75	0		
	IMC-BF-4	16	1	17	0.0	16	0		
	IMC-BF-5	15	2	21	4.0	15	0		
	IMC-BF-82(1B)	6	7	11	0.0	6	0		
	IMC-BF-82(2B)	22	2	24	0.0	23	0		
	IMC-BF-82(4A)	126	0	127	1.0	126	0		
	IMC-BF-ASP(1A)	459	13	472	0.0	459	0		
	IMC-BF-ASP(2A)	612	4	616	0.0	612	0		
	IMC-BF-ASP(3A)	645	69		14.0	645	0		
	IMC-BF-ASP(4)	236	87		3.0	236	0		
	IMC-BF-ASP(5)	138			0.0	138	0		
	IMC-BF-LB(1)	106	33		0.0	106	0		
	IMC-BF-LB(2)	226	43		24.0	559	0		
	IMC-BF-SP(1A)	216	340		1.0	216	0		
	IMC-BF-SP(2A)	208	10		0.0	208	0		
	IMC-BF-SP(3A)	379	42		0.0	379	0		
	IMC-BF-SP-(5A)	0	0	0	0.0	26	0		
	IMC-BF-SP(6D)	28	3	19	0.0	58	0		
	IMC-BF-SP(7A)	31	13		0.0	31	0		
	IMC-BF-SP(8B)	47	0		0.0	47	0		
	IMC-BF-SP(9D)	147	3	150	0.0	147	0		
	IMC-FCL-SPAR(6)	0	0	0	0.0	12			12
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	Big Four Total	4,131	723	4,901	47	4,170	0	0	12
FPC M	FPC MITIGATION SUMMARY								
i									
ВЕО	Within Mining Unit	Mitigation For	Status	Constructed & Monitored	Released by EPC	Totals			
	MU-1D	MU-1D	Released		13.4	13.4			
	MU-1E	MU-1E	Monitored	18.9		151.2			
	MU-1F	MU-1F	Released		138.3	138.3			
	MU-3A	MU-3B	Released		24.9	24.9			
	MU-3B	MU-3B	Released		122.0	122.0			
	MU-3C	MU-3C	Released		23.5	23.5			
	MU-3D	MU-1F	Released		2.1	2.1			
	MU-3D	MU-3D	Released		31.0	31.0			
	LMU 17 *	LMU 17	Monitored	8.8		8.8			
	Big Four Total			27.7	487.5	515.2			
	Total Mit	Total Mitigation Constructed	30.1						

<sup>\* 8.8</sup> acres of mitigation for LMU 17 is physically located in Big Four DRI 80 boundary. This acreage was previously accounted for in DRI 263 financial assurance but now is incorprated in DRI 80 as of 2019-2020 reporting period.



#### The Mosaic Company

#### **BIG FOUR MINE**

## 2023/2024 ANNUAL REPORT OF OPERATIONS



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# ANNUAL REPORT OF OPERATIONS FOR THE MOSAIC COMPANY BIG FOUR MINE

( ULY 1, 2023 THROUGH UNE 30, 2024)

**ULY 29, 2024** 

THE MOSA	AIC COMPANY M H		D	A R	HCLDC S
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• S • S	1 A 2 A	2 24 2 25			
A M U M 5 : R				M 2 R M 4 A	
A HCLDC	S M 21				
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T C B D	HCDS EPCHC C C			Н	H C L



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	<b>SUMMARY</b>	OF MINE	<b>OPERATIONS</b>
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#### **ENVIRONMENTAL MONITORING**

#### **RECLAMATION ACTIVITIES**

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#### AREAS CONTOURED & RE-VEGITATED BY FDEP RECLAMATION PROGRAM

A & BFM

#### RE UEST FOR MINE UNIT RECLAMATION RELEASE

#### **SUMMARY OF 2024/2025 PRO ECTED MINE OPERATIONS**

D B F M
N T L M U MU 1
DRI
EPCHC LMU 1 T

THE MOSAIC COMPANY
HILLSBOROUGH COUNTY ANNUAL REPORT
BIG FOUR MINE
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#### PROPOSED RECLAMATION ACTIVITIES FOR 2023-2024

M

C	<b>EPCHC</b>	ACOE T	
	DRI	FDEP	LMU 1
DRI	O		
	2	24 2 25	

# SECTION 3 MAPS