



# Agenda Item Cover Sheet


Agenda Item N<sup>o</sup>. \_\_\_\_\_

Meeting Date February 9, 2021

☒ Consent Section

☐ Regular Section

☐ Public Hearing

<b>Subject:</b> Mosaic Fertilizer, L.L.C. Big Four Mine, DRI 80 Spring/Fall 2020 request for a written certification of completed reclamation in FDEP Logical Reclamation Units IMC-BF-ASP(2A) and IMC-BF-ASP(3A)	
<b>Department Name:</b> Environmental Management Division	
<b>Contact Person:</b> Kevin Moran	<b>Contact Phone:</b> (813) 309-3073
<b>Sign-Off Approvals:</b>	
<b>George B. Cassady</b> 1/29/2021	 Jan. 21, 2021
Assistant County Administrator <b>Kevin Brickey</b> 1/21/2021	Department Director <b>Nancy Takemori</b> 1/21/2021
Management and Budget – Approved as to Financial Impact Accuracy <b>Lucia E. Garsys</b> 1/21/2021	County Attorney – Approved as to Legal Sufficiency
Deputy County Administrator	Date

## Staff's Recommended Board Motion:

Approve Mosaic Fertilizer, L.L.C.'s request for a written certification of completed at the FDEP Logical Reclamation Units IMC-BF-ASP(2A) and IMC-BF-ASP(3A). County staff has reviewed, and field verified the requested release of reclaimed mining areas and determine that Mosaic has met the minimum reclamation requirements. Certification of completed reclamation provides for documentation of Mosaic's progress in reclamation and restoration of mined lands. The County's inspection and approval of reclaimed mined lands is important to protect natural systems, water quality and wildlife habitat. No County funds are required for this item.

## Financial Impact Statement:

No County funds are required for this item.

## Background:

The Hillsborough County Land Development Code (LDC) Section 8.02.08.6.a states:

### 6. Certification of Reclamation Release.

a. When the permittee has met the standards set forth in this section for reclamation of an area, the permittee may apply to the County for a written certification of completed reclamation. Certification shall be given only for completion of contiguous reclamation area based on reclamation type (e.g. upland, herbaceous wetland, forested wetland) and after the permittee has demonstrated that viable native and/or agricultural vegetative cover has been attained at the approved densities.

The attached Reclamation Request has been reviewed by the Environmental Management Division and has been found to constitute satisfactory evidence of Mosaic meeting the minimum reclamation requirements at the FDEP Logical Reclamation Units IMC-BF-ASP(2A) and IMC-BF-ASP(3A), and the Environmental Management Division has provided written certification to the permittee that this Big Four Mine reclamation release request has been tentatively approved, in accordance with the requirements of the LDC.

List Attachments: Mosaic Fertilizer, LLC, DRI-80 Hillsborough County Request for Reclamation Acreage Release



**Hillsborough  
County Florida**

**PUBLIC UTILITIES**

PO Box 1110 Tampa, FL 33601-1110

**BOARD OF COUNTY  
COMMISSIONERS**

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Pat Kemp

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Christine M. Beck

**INTERNAL AUDITOR**

Peggy Caskey

**DEPUTY COUNTY ADMINISTRATOR  
DEVELOPMENT & INFRASTRUCTURE**

Lucia E. Garsys

**MEMORANDUM TO FILE**

TO: Hillsborough County Phosphate File

THROUGH: Jeffrey Greenwell, P.E., Section Manager  
Environmental Services, Public Utilities Department

FROM: John Michael Stevenson, P.G., Senior Hydrogeologist

DATE: November 13, 2020

**SUBJECT: November 5, 2020 Revised DRI #80 Restoration Reclamation Release Request Staff Assessment**

In accordance with Hillsborough County Land Development Code (LDC) Section 8.02.08.6.a, a permittee may apply for certification of completion of restoration when the standards in the above referenced section have been met, as well as the requirements of the reclamation manual. Certification shall be given only for completion of contiguous reclamation area based on reclamation type (e.g. upland, herbaceous wetland, forested wetland) and after the permittee has demonstrated that viable native and/or agricultural vegetative cover has been attained at the approved densities.

On November 5, 2020, Mosaic formally requested the release of 1371 acres of mine land at the Big Four – DRI 80. Areas requested for release are listed in Table 1 below. The release total includes 935 acres of uplands, 407 acres of wetlands (315 acres of forested wetlands, 92 acres of herbaceous wetlands), and 44 acres of open water. Areas located within LRU boundaries that are outside of the mining units are not requested for release (15 acres)

Staff reviewed the referenced areas for the following:

- Confirmation of release by the Florida Department of Environmental Protection;
- Confirmation of release by the Hillsborough County Environmental Protection Commission; and
- A site inspection for any outstanding issues.

Subject: November 5, 2020 DRI #80 Restoration Reclamation Release Request Staff Assessment

Date: November 13, 2020

Areas Requested:

STATUS	LRUID	MUID	Uplands	Water	Wetland (F)	Wetland (H)	TOTAL APPROVABLE
Not Required and Not Requested	IMC-BF-LB(2)	*	Acknowledged		Acknowledged		15
<b>TOTAL</b>			<b>14</b>		<b>1</b>		<b>15</b>
Mined Areas Release Requested	IMC-BF-ASP(2A)	*	Approvable				1
		MU-1D	Approvable		Approvable	Approvable	74
		MU-1E	Approvable		Approvable	Approvable	519
		MU-1F			Approvable		<0.05
		MU-2					
		MU-2A	Approvable				2
		MU-2B	Approvable				3
		MU-3B			Approvable		<0.05
	<b>TOTAL</b>		<b>413</b>		<b>146</b>	<b>40</b>	<b>599</b>
	IMC-BF-ASP(3A)	*	Approvable				10
		MU-3	Approvable				4
		MU-3A	Approvable	Approvable	Approvable	Approvable	237
		MU-3B	Approvable		Approvable	Approvable	478
		MU-3C					
	<b>TOTAL</b>		<b>479</b>	<b>44</b>	<b>154</b>	<b>52</b>	<b>729</b>
<b>MINED TOTAL REQUEST APPROVABLE</b>			<b>892</b>	<b>44</b>	<b>300</b>	<b>92</b>	<b>1328</b>
NM/ND Areas Release Requested	ND	LMU 15	Approvable		Approvable		<0.05
		LMU 17	Approvable		Approvable		<0.05
		MU K	Approvable		Approvable		7
		MU-1B	Approvable				2
		MU-1C	Approvable		Approvable		11
		MU-1D	Approvable		Approvable		4
		MU-1E	Approvable			Approved	7
		MU-2A	Approvable				<0.05
		MU-3			Approvable		<0.05
		MU-3A	Approvable	Approvable	Approvable		4
		MU-3B	Approvable		Approvable		8
		MU-3D	Approvable				<0.05
	<b>TOTAL</b>		<b>29</b>		<b>14</b>		<b>43</b>
	OUT	LMU17	Approvable				<0.05
		MU-3C	Approvable				<0.05
	<b>Total</b>		<b>&lt;0.05</b>				<b>&lt;0.05</b>
<b>NM/ND TOTAL REQUEST APPROVABLE</b>			<b>29</b>		<b>14</b>		<b>43</b>
<b>TOTAL NM/ND AND MINED RELEASE REQUESTS APPROVABLE</b>			<b>935</b>	<b>44</b>	<b>315</b>	<b>92</b>	<b>1386</b>

The review found that the above referenced areas have been released in their entirety by both the Florida Department of Environmental Protection and the Hillsborough County Environmental Protection Commission. In addition, the site inspection performed on August 7, 2020 found no outstanding issues. Therefore, the staff found that Mosaic met the minimum reclamation requirements in the above referenced areas and has provided written confirmation to Mosaic that the above referenced areas have met the reclamation requirements and shall be released upon BOCC approval.

Subject: November 5, 2020 DRI #80 Restoration Reclamation Release Request Staff Assessment

Date: November 13, 2020

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**RECOMMENDATION**

Staff recommends that the Board of County Commissioners (BOCC) approve Mosaic Fertilizer, L.L.C.'s request for a written certification of completed reclamation as provided above



November 5, 2020

Mr. Mike Stevenson, P.G.  
Senior Hydrologist  
Hillsborough County Public Utilities Department  
601 E Kennedy Blvd.  
Tampa, Florida 33601

**Re: Mosaic Fertilizer, LLC, Big Four DRI 80- Hillsborough County Request for Reclamation Mining Unit Acreage Release-s**

Dear Mr. Stevenson,

Mosaic is formally requesting the release of 1,371 acres of mine land at Big Four Mine – DRI 80. Areas requested for release are listed in **Table 1** below. Release total includes 892 acres of uplands, 44 acres of open water, 392 acres of wetlands (300 acres of forested wetlands, 92 acres of herbaceous wetlands), and 43 acres of non-disturbed/non-mandatory areas. Areas located within LRU boundaries that are outside of the mining units are not requested for release (15 acres).

**Table 1**  
**Areas Requested for Release**

STATUS	LRUID	MUID	Stream	Uplands	Water	Wetlands (F)	Wetlands (H)	Grand Total
Not Required or Requested (Outside Mining Units, Inside LRU Program)	IMC-BF-LB(2)	*		14		1		15
	IMC-BF-LB(2) Total			14		1		15
Not Required or Requested (Outside Mining Units, Inside LRU Program) Total				14		1		15
Requested	IMC-BF-ASP(2A)	*		1				1
		MU-1D		53		16	5	74
		MU-1E		354		130	35	519
		MU-1F				<0.05		
		MU-2						
		MU-2A		2				2
		MU-2B		3				3
		MU-3B				<0.05		<0.05
	IMC-BF-ASP(2A) Total			413		146	40	599
	IMC-BF-ASP(3A)	*		10				10
		MU-3		4				4
		MU-3A		150	44	30	13	237
		MU-3B		315		124	39	478
		MU-3C						
	IMC-BF-ASP(3A) Total			479	44	154	52	729
Requested Total				892	44	300	92	1,328

**Table 1**  
**Areas Requested for Release cont...**

STATUS	LRUID	MUID	Stream	Uplands	Water	Wetlands (F)	Wetlands (H)	Grand Total
Requested (NM/ND)	ND	LMU 15		<0.05		<0.05		<0.05
		LMU 17		<0.05		<0.05		<0.05
		MU K		1		6		7
		MU-1B		2				2
		MU-1C		8		3		11
		MU-1D		4		<0.05		4
		MU-1E		7			<0.05	7
		MU-2A		<0.05				<0.05
		MU-3				<0.05		<0.05
		MU-3A		4		<0.05		4
		MU-3B		3		5		8
		MU-3D		<0.05				<0.05
	ND Total			29		14		43
	OUT	LMU 17						<0.05
	OUT Total			<0.05				
Requested (NM/ND) Total				29		14		43
Grand Total				935	44	315	92	1,386

All reclaimed areas have been released from FDEP and certificates of completion have been issued by EPCHC for required mitigation. FDEP does not “release” preservation and/or non-disturbed/non-mandatory areas, which are often located within Mining Unit (MU) boundaries, and as such, acreage associated with those areas are not identified in the FDEP release letters. Also attached are maps showing the locations of the requested areas (by FDEP reclamation parcel and mining unit, Maps A and B), post reclamation land use and acreage. Maps depicting prior releases by Hillsborough County are also included. Shapefiles for the requested area, previously released and pending release areas are also being provided to Hillsborough County electronically. Release letters, certificates of completion and associated mapping from FDEP and EPC are included for your reference.

Please contact me if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Angel Wynn".

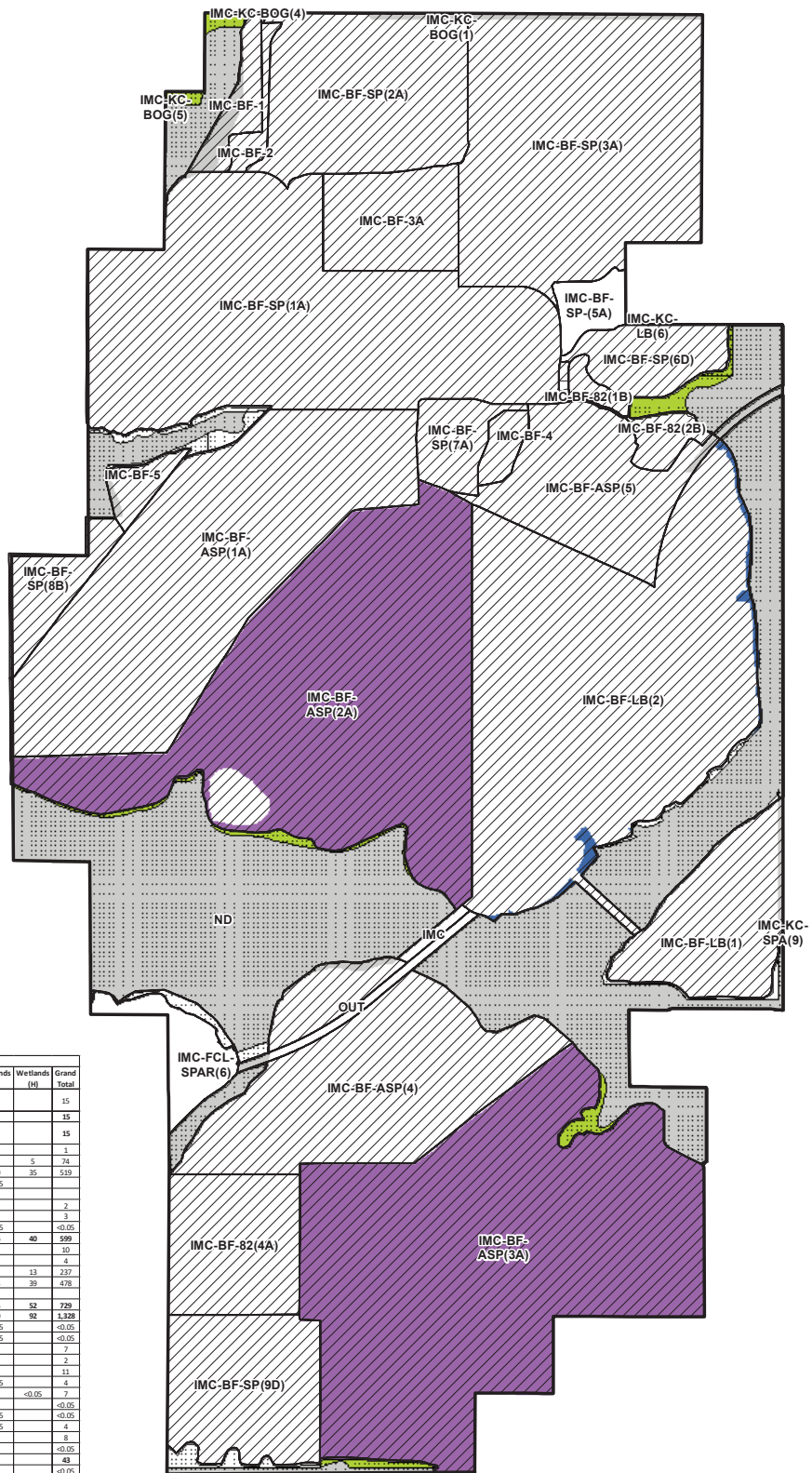
Angel Wynn  
Permitting Specialist

Enclosures: (4) Maps, Associated Release Letters (EPCHC & FDEP), GIS shapefiles provided electronically

Cc: Jeff Greenwell - Hillsborough County (via email)  
James Boncz - Hillsborough County (via email)  
Jon Faletto - Mosaic (via email)  
Russell Schweiss - Mosaic (via email)  
Laura Morris - Mosaic (via email)  
Gary Blitch - Mosaic (via email)  
Keith Hancock - Mosaic (via email)  
Chuck Pons - Mosaic (via email)  
Eric Michel - Mosaic (via email)  
Bill Brammell - Mosaic (via email)  
Sandy Adams - Mosaic (via email)

## Maps

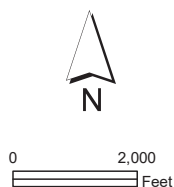




BIG FOUR HCO RELEASE REQUESTS								
STATUS	LRUID	MUID	Stream	Uplands	Water	Wetlands (I)	Wetlands (II)	Grand Total
Not Required or Requested (Outside Mining Units, Inside LRU Program)								
	IMC-BF-LB(2)	7		14		1		15
	IMC-BF-LB(2) Total							
				14		1		15
Not Required or Requested (Outside Mining Units, Inside LRU Program)								
	Total							
				14		1		15
Requested	IMC-BF-ASP(2A)	+		1				1
		MU-1D		53		36	5	74
		MU-1E		354		130	35	519
		MU-1F				<0.05		
		MU-2						
		MU-2A		2				2
		MU-2B		3				3
		MU-3B				<0.05		<0.05
	IMC-BF-ASP(2A) Total							
				413		146	40	599
	IMC-BF-ASP(3A)	+		39				39
		MU-3		4				4
		MU-3A		150	44	30	13	237
		MU-3B		315		124	39	478
	IMC-BF-ASP(3A) Total							
				479	44	154	52	729
Requested Total								
				892	44	300	92	1,328
Requested (NM/ND)	ND	LMU 15		<0.05		<0.05		<0.05
		LMU 17		<0.05		<0.05		<0.05
		MU-K		1		6		7
		MU-1B		2				2
		MU-1C		8		3		11
		MU-1D		4		<0.05		4
		MU-1E		7		<0.05		7
		MU-2A		<0.05				<0.05
		MU-3				<0.05		<0.05
		MU-3A		4		<0.05		4
		MU-3B		3		5		8
		MU-3D		<0.05				<0.05
	ND Total							
				29		14		43
Requested (NM/ND) Total								
				29		14		43
Grand Total								
				995	44	315	92	1,386

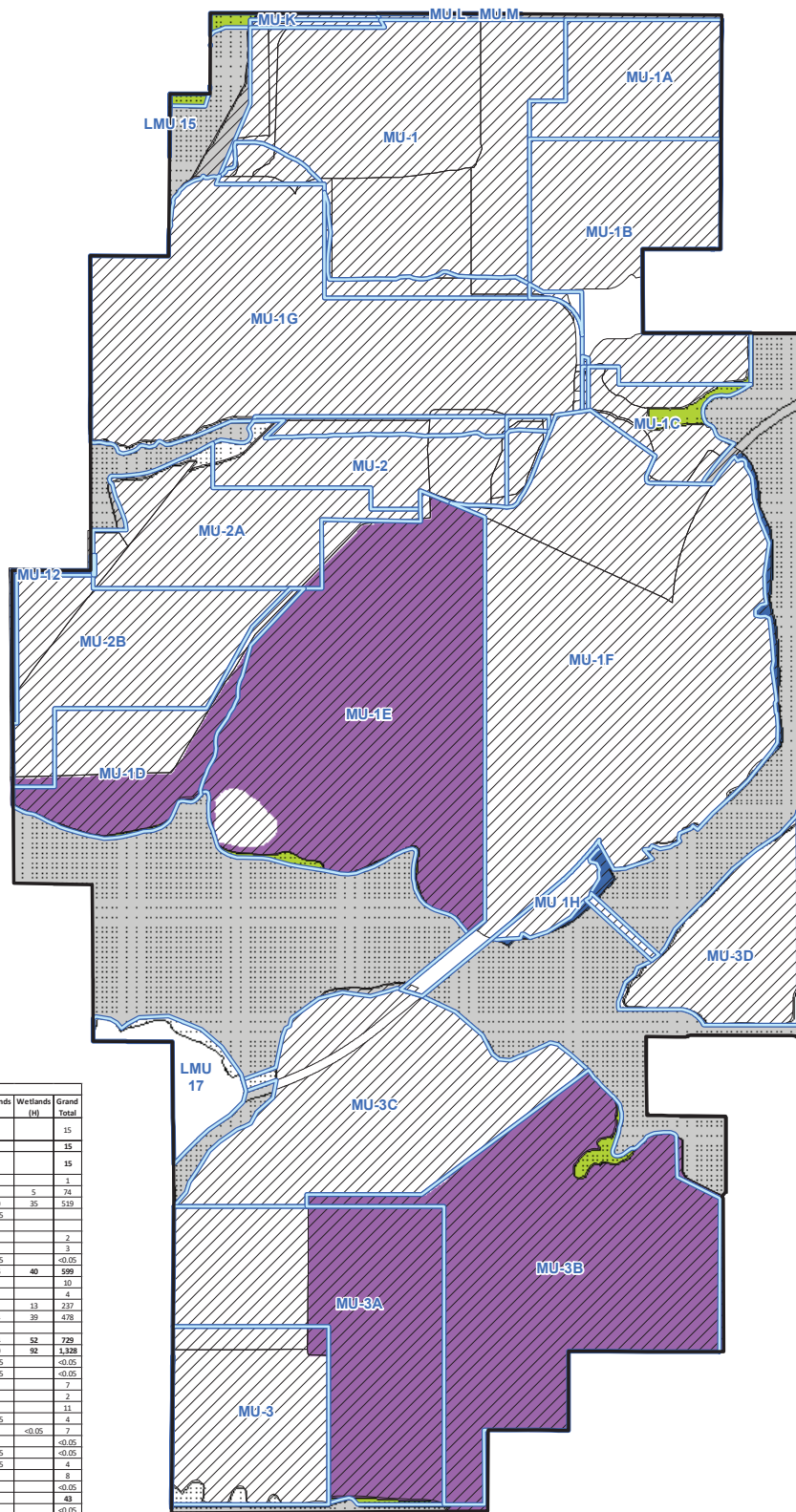
## Legend

- Big Four Boundary
- Areas Released by FDEP
- LRU Boundaries
- NM / ND Programs
- Not Required or Requested (Outside Mining Units, Inside LRU Program)
- Requested
- Requested (NM/ND)
- Outside of Mining Unit Boundaries (no Release Required)











Map A  
HCO Big Four Release Requests  
LRU Boundaries  
May 2020  
Revised 11/3/20

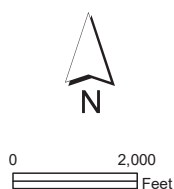
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BIG FOUR HCO RELEASE REQUESTS										
STATUS	LRUID	MUID	Stream	Uplands	Water	Wetlands (I)	Wetlands (II)	Grand Total		
Not Required or Requested (Outside Mining Units, Inside LRU Program)	IMC-BF-LB(2)	*		14	1			15		
	IMC-BF-LB(2) Total			14	1			15		
Total				14	1					
Requested	IMC-BF-ASP(2A)	*		1				1		
		MU-1D		53		16	5	74		
		MU-1E		354		130	35	519		
		MU-1F				<0.05				
		MU-2								
		MU-2A		2				2		
	IMC-BF-ASP(2A) Total	MU-2B		3				3		
		MU-3B				<0.05		<0.05		
		IMC-BF-ASP(2A) Total			413	146	40	599		
		*		10				39		
		MU-3		4				4		
		IMC-BF-ASP(3A)	MU-3A		150	44	30	13	237	
	MU-3B			315		124	39	478		
	IMC-BF-ASP(3A) Total			479	44	154	52	729		
	Requested Total				892	44	300	92	1,328	
	Requested (NM/ND)	ND	LMU 15		<0.05		<0.05		<0.05	
			LMU 17		<0.05		<0.05		<0.05	
			MU-K		1		6		7	
MU-1B				2				2		
MU-1C				8		3		11		
MU-1D				4		<0.05		4		
MU-1E				7		<0.05		7		
MU-2A				<0.05		<0.05		<0.05		
MU-3						<0.05		<0.05		
MU-3A				4		<0.05		4		
MU-3B				3		5		8		
MU-3D				<0.05		<0.05		<0.05		
ND Total			29		14		43			
OUT										
OUT Total										
Requested (NM/ND) Total				29		14		43		
Grand Total				995	44	315	92	1,386		

## Legend

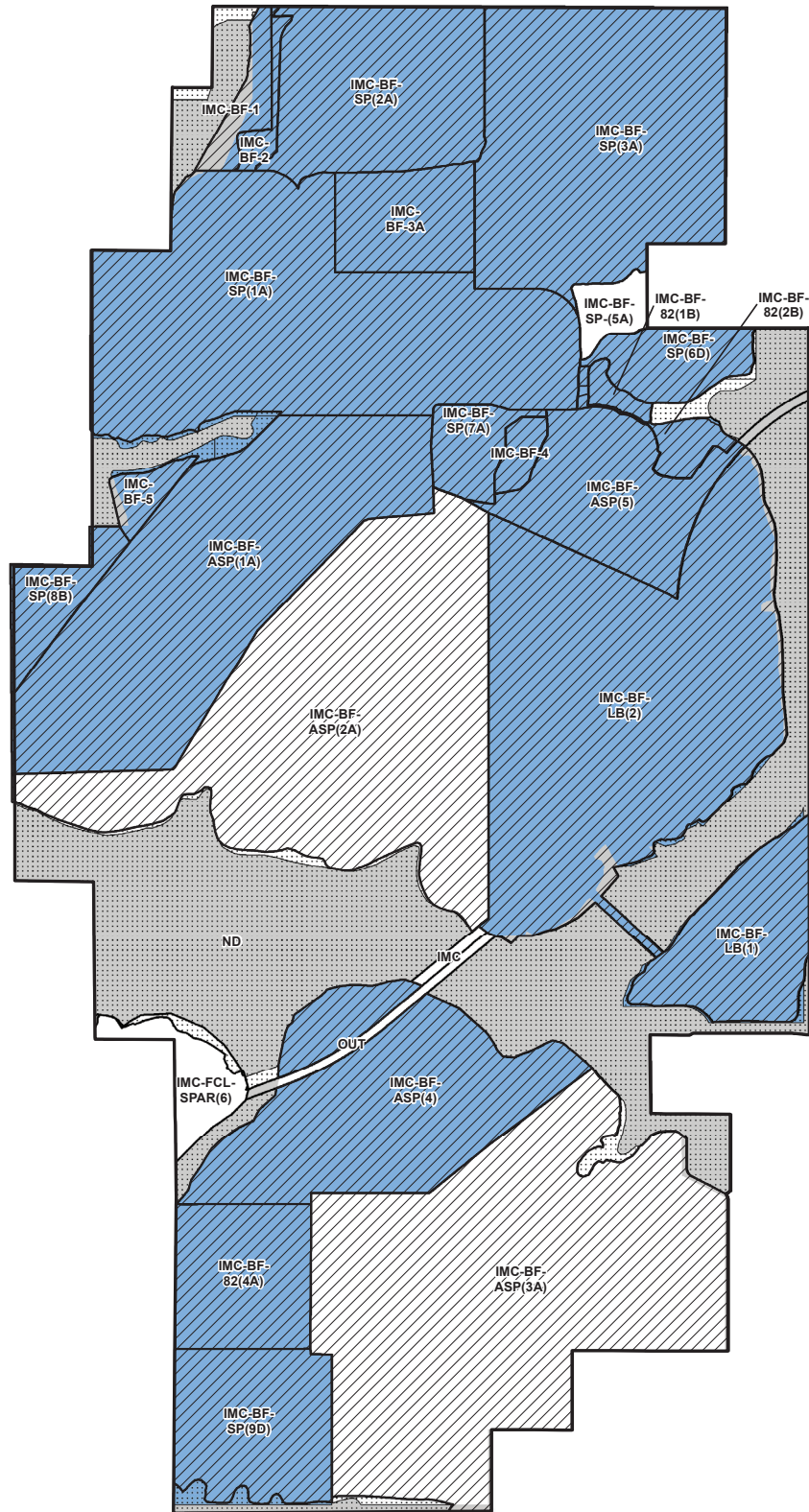
-  Big Four Boundary
-  Mining Unit Boundaries
-  Areas Released by FDEP
-  NM / ND Programs
-  Not Required or Requested (Outside Mining Units, Inside LRU Program)
-  Requested
-  Requested (NM/ND)
-  Outside of Mining Unit Boundaries (no Release Required)



Map B  
HCO Big Four Release Requests  
Mining Unit Boundaries  
May 2020  
Revised 11/3/20

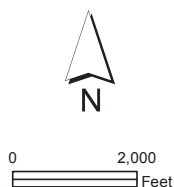
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BIG FOUR HCO RELEASES							
STATUS	LRUID	MUID	Uplands	Water	Wetlands (F)	Wetlands (B)	Grand Total
Released by Hillsborough County	IMC-BF-1	MU-K	1.3		0.1		1.4
		MU-1	15.0		0.3		16.2
		MU-1G	0.0		0.3		0.6
	IMC-BF-1 Total		17.8	0.0	0.7	0.0	18.5
	IMC-BF-2	MU-K	0.9				0.9
		MU-1	7.7				7.7
		MU-1G	6.9	0.0			6.9
	IMC-BF-2 Total		14.9	0.0			15.3
	IMC-BF-3A	MU-1	92.2				92.2
		MU-1G	0.9				0.9
	IMC-BF-3A Total		93.1	0.0	0.0	0.0	93.1
	IMC-BF-4	MU-1G	0.0	0.3	1.6		1.9
		MU-2	1.5	1.3	1.4		4.2
		MU-2A	0.0	10.5	0.5		11.0
	IMC-BF-4 Total		1.5	12.1	3.5	0.0	17.1
	IMC-BF-5	MU-2A	14.9		3.7		18.6
	IMC-BF-5 Total		14.9	0.0	3.7	0.0	18.6
	IMC-BF-82(1B)	MU-1B	0.2		0.0		0.2
		MU-1C	4.3		5.7		10.0
		MU-1G	0.7		0.3		1.0
	IMC-BF-82(1B) Total		5.2	0.0	6.0	0.0	11.2
	IMC-BF-82(2B)		0.0				0.0
		MU-1C	22.0		0.3		22.3
		MU-1F	0.2				0.2
	IMC-BF-82(2B) Total		22.2				22.5
	IMC-BF-82(2B) Total		24.9	0.0	0.3	0.0	25.2
	IMC-BF-82(4A)	MU-3	20.4				20.4
		MU-3A	105.4				105.4
		MU-3B	0.0				0.0
	IMC-BF-82(4A) Total		125.8	0.0	0.0	0.0	125.8
	IMC-BF-ASP(1A)		0.9				0.9
		MU-12	1.3				1.3
		MU-1G	32.1	28.2		2.7	63.0
	IMC-BF-ASP(1A) Total		34.3	28.2	1.2	2.7	66.4
	IMC-BF-ASP(1A) Total		14.7		0.5		15.2
		MU-2	58.2		17.6		75.8
		MU-2A	155.8		3.4		159.2
	IMC-BF-ASP(1A) Total		328.7	86.5	21.5	29.2	465.9
	IMC-BF-ASP(4)		5.4		0.3		5.7
		MU-1F	0.0				0.0
		MU-3B	0.0				0.0
	IMC-BF-ASP(4) Total		263.2	0.7	33.0	22.3	319.2
	IMC-BF-ASP(5)		269.8	0.7	33.3	22.3	326.1
	IMC-BF-ASP(5)	MU-1C	8.4				8.4
		MU-1F	135.4	1.1	4.4		140.9
		MU-1G	0.7	0.0	0.4		1.1
	IMC-BF-ASP(5) Total		144.5	1.1	4.8		150.4
	IMC-BF-ASP(5) Total		147.5	4.0	5.2	0.0	156.7
	IMC-BF-LB(1)	MU-3D	102.4		26.7	4.3	133.4
	IMC-BF-LB(1) Total		108.1	0.0	26.7	4.6	139.4
	IMC-BF-LB(2)		0.0				0.0
		MU-1H	20.4	10.3	1.0		31.7
		MU-1F	404.4	10.3	114.4	55.6	584.7
	IMC-BF-LB(2) Total		424.8	20.6	115.4	55.6	616.4
	IMC-BF-SP(1A)		0.0				0.0
		MU-12	1.8				1.8
		MU-1F	3.5				3.5
	IMC-BF-SP(1A) Total		5.3				5.3
	IMC-BF-SP(2A)	MU-1G	420.4	113.4	0.7	18.3	552.8
	IMC-BF-SP(2A) Total		425.8	113.4	0.7	18.3	558.2
	IMC-BF-SP(2A)		3.8			0.2	4.0
		MU-K	0.0				0.0
		MU-1	0.0				0.0
	IMC-BF-SP(2A) Total		191.7	3.7		1.8	197.2
	IMC-BF-SP(2A) Total		7.7			0.0	7.7
	IMC-BF-SP(3A)	MU-1	0.0				0.0
		MU-M	0.0				0.0
		MU-N	0.0				0.0
	IMC-BF-SP(3A) Total		108.3				108.3
	IMC-BF-SP(6D)	MU-1A	119.3				119.3
		MU-1B	110.2				229.5
		MU-1G	8.5				8.5
	IMC-BF-SP(6D) Total		238.0	0.0	0.0	0.0	238.0
	IMC-BF-SP(6D)	MU-1B	45.5	0.1	0.7		46.3
		MU-1C	13.2		0.8		14.0
		MU-1G	0.6	0.0	0.1		0.7
	IMC-BF-SP(6D) Total		59.3	0.1	1.6	0.0	61.0
	IMC-BF-SP(7A)	MU-1F	0.3				0.3
		MU-1G	13.6		0.7		14.3
		MU-2	29.1		0.0		29.1
	IMC-BF-SP(7A) Total		43.0	0.0	0.7	0.0	43.7
	IMC-BF-SP(8B)		0.8				0.8
		MU-12	9.7				9.7
		MU-2A	7.9				7.9
	IMC-BF-SP(8B) Total		18.4	0.0	0.0	0.0	18.4
	IMC-BF-SP(9D)	MU-17	0.0				0.0
		MU-3	41.1	0.0	4.3	104.3	149.7
		MU-3A	0.0	0.0	0.0		0.0
	IMC-BF-SP(9D) Total		41.1	0.0	4.3	104.3	149.7
	ND	MU-1F	3.2				3.2
		MU-1G	5.7				5.7
		MU-2	5.7				5.7
	ND Total		14.6	0.0	0.0	0.0	14.6
Grand Total			2,798.4	231.2	234.4	303.7	3,567.7



#### Legend

- Big Four Boundary
- Areas Released by FDEP
- NM / ND Programs
- LRU Boundaries
- Released by Hillsborough County
- Outside of Mining Unit Boundaries (no Release Required)

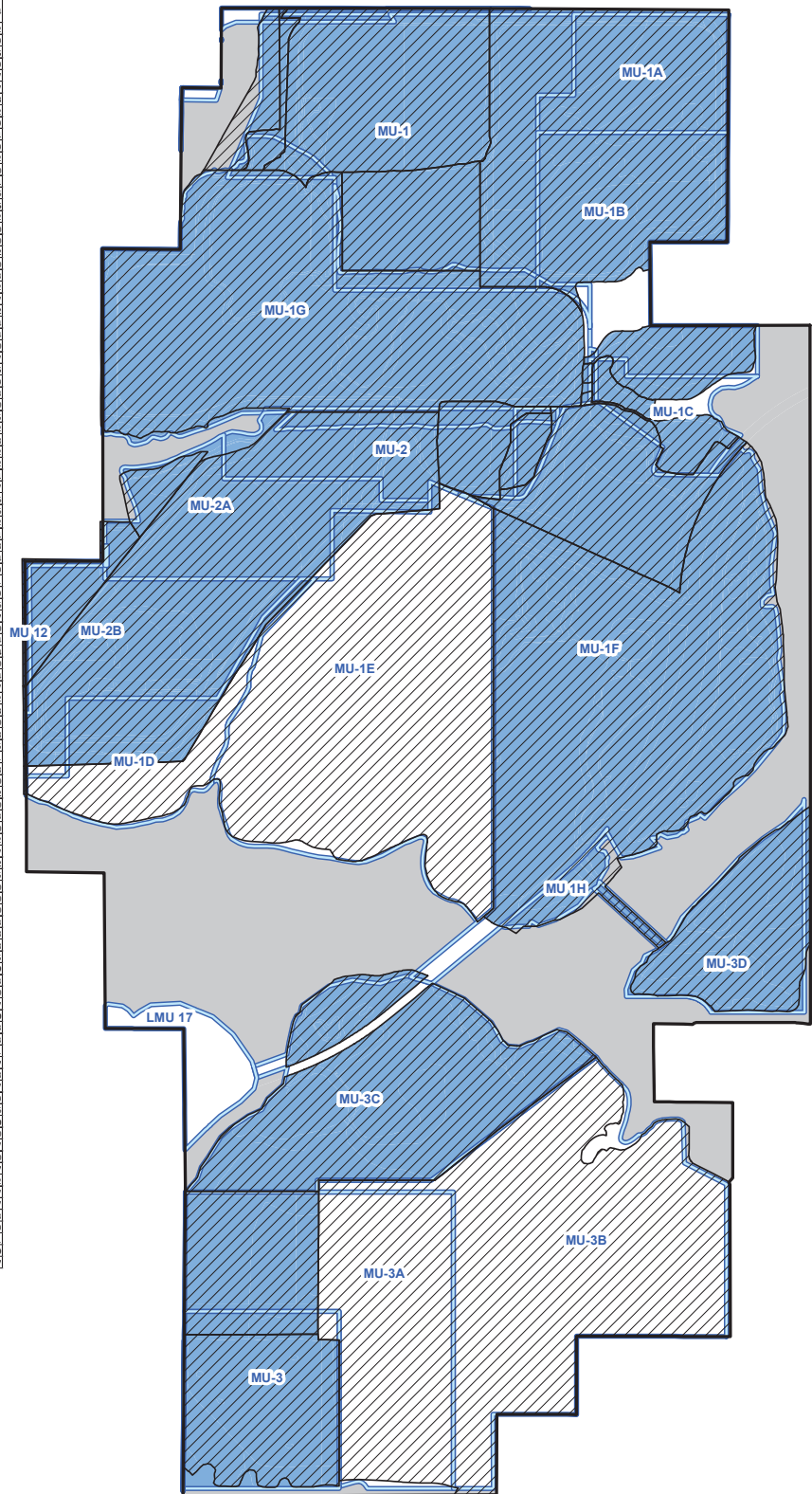


**Mosaic**

Map A  
Existing / Pending  
HCO Big Four Releases  
LRU Boundaries  
May 2020

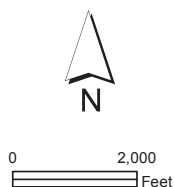
User: kbritt Date: 5/26/2020  
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Submittals\Big Four\maps\Big Four Releases Map A.mxd

BIG FOUR HCO RELEASES							
STATUS	LRUID	MUID	Uplands	Water	Wetlands (F)	Wetlands (M)	Grand Total
Released by Hillsborough County	IMC-BF-1	MU-K	1.3		0.1		1.4
		MU-1	15.9		0.3		16.2
		MU-1G	0.6		0.3		0.9
	IMC-BF-1 Total		17.8	0.0	0.7	0.0	18.5
IMC-BF-2	IMC-BF-2	MU-K	0.9				0.9
		MU-1	7.7				7.7
		MU-1G	6.3	0.4			6.7
	IMC-BF-2 Total		14.9	0.4	0.0	0.0	15.3
IMC-BF-3A	IMC-BF-3A	MU-1	92.2				92.2
		MU-1G	0.9				0.9
			93.1	0.0	0.0	0.0	93.1
	IMC-BF-3A Total						
IMC-BF-4	IMC-BF-4	MU-1G	0.0	0.3	1.6		1.9
		MU-2	1.5	1.3	1.4		4.2
		MU-2A	0.0	10.5	0.5		11.0
	IMC-BF-4 Total		1.5	12.1	3.5	0.0	17.1
IMC-BF-5	IMC-BF-5	MU-2A	14.9		3.7		18.6
			14.9	0.0	3.7	0.0	18.6
		MU-1B	0.2		0.0		0.2
	IMC-BF-5 Total		15.1		3.7	0.0	18.8
IMC-BF-82(1B)	IMC-BF-82(1B)	MU-1C	4.3		5.7		10.0
		MU-1G	0.7		0.3		1.0
			5.0		6.0	0.0	11.0
	IMC-BF-82(1B) Total		5.0		6.0	0.0	11.0
IMC-BF-82(2B)	IMC-BF-82(2B)	MU-1C	22.0		0.3		22.3
		MU-1F	0.2				0.2
		MU-1G	2.7				2.7
	IMC-BF-82(2B) Total		24.9	0.0	0.3	0.0	25.2
IMC-BF-82(4A)	IMC-BF-82(4A)	MU-3	20.4				20.4
		MU-3A	105.4				105.4
		MU-3B	0.0				0.0
	IMC-BF-82(4A) Total		125.8	0.0	0.0	0.0	125.8
IMC-BF-82(4A) Total	IMC-BF-82(4A) Total						
IMC-BF-ASP(1A)	IMC-BF-ASP(1A)	MU-12	1.3				1.3
		MU-1D	32.1	28.2	2.7		63.0
		MU-1E	7.3		1.2		8.5
	IMC-BF-ASP(1A) Total		10.7	28.2	3.9		42.8
IMC-BF-ASP(1A) Total	IMC-BF-ASP(1A) Total						
IMC-BF-ASP(4)	IMC-BF-ASP(4)	MU-1F	0.6				0.6
		MU-3B	0.6				0.6
		MU-3C	261.2	0.7	33.0	22.3	319.2
	IMC-BF-ASP(4) Total		268.4	0.7	33.3	22.3	324.7
IMC-BF-ASP(5)	IMC-BF-ASP(5)	MU-1C	8.4				8.4
		MU-1F	135.4	1.1	4.8		141.3
		MU-1G	0.7	0.0	0.4		1.1
	IMC-BF-ASP(5) Total		144.5	1.1	5.2	0.0	150.8
IMC-BF-LB(1)	IMC-BF-LB(1)	MU-3D	102.4		26.7	4.3	133.4
			108.1	0.0	26.7	4.6	139.4
	IMC-BF-LB(1) Total		108.1	0.0	26.7	4.6	139.4
IMC-BF-LB(2)	IMC-BF-LB(2)	MU-1H	20.4		1.0		21.4
		MU-1F	404.4	10.3	114.4	55.6	584.7
		MU-3D	3.5		1.7		5.2
	IMC-BF-LB(2) Total		428.3	10.3	117.1	55.6	611.3
IMC-BF-SP(1A)	IMC-BF-SP(1A)	MU-1	3.5				3.5
		MU-1F	0.1				0.1
		MU-1G	420.4	113.4	0.7	18.3	552.8
	IMC-BF-SP(1A) Total		424.0	113.4	0.7	18.3	556.4
IMC-BF-SP(2A)	IMC-BF-SP(2A)	MU-K	9.3				9.3
		MU-L	0.0				0.0
		MU-1	191.7	3.7			195.4
	IMC-BF-SP(2A) Total		201.0	3.7			204.7
IMC-BF-SP(3A)	IMC-BF-SP(3A)	MU-L	0.0				0.0
		MU-M	0.0				0.0
		MU-N	0.0				0.0
	IMC-BF-SP(3A) Total		0.0				0.0
IMC-BF-SP(6D)	IMC-BF-SP(6D)	MU-1B	45.5	0.1	0.7		46.3
		MU-1C	13.3		0.8		14.0
		MU-1G	0.6	0.0	0.1		0.7
	IMC-BF-SP(6D) Total		59.4	0.1	1.6	0.0	61.1
IMC-BF-SP(7A)	IMC-BF-SP(7A)	MU-1F	0.3				0.3
		MU-1G	11.0		0.7		11.7
		MU-2	29.1		0.0		29.1
	IMC-BF-SP(7A) Total		40.4	0.0	0.7	0.0	41.1
IMC-BF-SP(8B)	IMC-BF-SP(8B)	MU-12	0.8				0.8
		MU-2A	9.7				9.7
		MU-2B	32.6				32.6
	IMC-BF-SP(8B) Total		43.1	0.0	0.0	0.0	43.1
IMC-BF-SP(9D)	IMC-BF-SP(9D)	MU-17	0.0		0.0		0.0
		MU-3	41.1	0.0	4.3	104.3	149.7
		MU-3A	0.0	0.0	0.0		0.0
	IMC-BF-SP(9D) Total		41.1	0.0	4.3	104.3	149.7
ND	ND	MU-1F	3.2				3.2
		MU-1G	5.7				5.7
		MU-2	5.7				5.7
	ND Total		14.6	0.0	0.0	0.0	14.6
Grand Total			2,798.4	231.2	234.4	303.7	3,567.7



## Legend

- Big Four Boundary
- Areas Released by FDEP
- Mining Unit Boundaries
- Released by Hillsborough County
- Outside of Mining Unit Boundaries (no Release Required)



Map B  
Existing / Pending  
HCO Big Four Releases  
Mining Unit Boundaries  
May 2020

User: kbritt Date: 5/26/2020  
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Submittals\Big Four\maps\Big Four Releases Map B.mxd

## EPCHC and FDEP Release Letters



# FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

November 26, 2019

Mr. Russell Schweiss  
Director, Land and Resource Strategies  
Mosaic Fertilizer, L.L.C.  
13830 Circa Crossing Drive  
Lithia, FL 33547  
[Russell.Schweiss@mosaicco.com](mailto:Russell.Schweiss@mosaicco.com)

**RE: IMC-BF-ASP(3A) Wetland Reclamation Release**  
**File No. MMR\_0131636-035**  
**Big Four Mine, Hillsborough County, Florida**

Dear Mr. Schweiss:

On November 1, 1983, the Governor and Cabinet, sitting as the agency head of the Department of Natural Resources approved an application for a reclamation and restoration program filed by Amax Chemical Corporation (now Mosaic Fertilizer, LLC), pursuant to Chapters 211, Part II, and 378, Florida Statutes (F.S.), and Chapter 62C-16, Florida Administrative Code (F.A.C.). On July 9, 2015, the Department of Environmental Protection (Department) approved a modified conceptual reclamation plan (MOS-BF-CPE; File No. MMR\_0131636-020) filed by Mosaic Fertilizer, LLC (Mosaic), including reclamation parcel IMC-BF-ASP(3A) On September 18, 2015, the uplands of reclamation parcel IMC-BF-ASP(3A) were released. Mosaic now seeks release of the wetland portion in reclamation parcel IMC-BF-ASP(3A) from further obligation to perform reclamation obligations under Chapter 378, F.S. and Chapter 62C-16, F.A.C.

The approved reclamation parcel, 727.9 acres, after completion of reclamation and restoration, consists of 137 acres of Cropland and Pastureland (FLUCCS 210), 26.4 acres of Coniferous Forest (FLUCCS 410), 126.1 acres of Upland Hardwood Forests (FLUCCS 430), 187.4 acres of Tree Plantations (FLUCCS 440), 0.2 acres of Streams (FLUCCS 510), 43.7 acres of Lakes (FLUCCS 520), 155.1 acres of Wetland Hardwood Forest (FLUCCS 610), 51.5 acres of Herbaceous Wetlands (FLUCCS 640) and 0.5 acres of Transportation (FLUCCS 810).



The reclaimed lands requested for release consist of 0.2 acres of Streams (FLUCCS 510), 43.7 acres of Lakes (FLUCCS 520), 155.1 acres of Wetland Hardwood Forest (FLUCCS 610), and 51.5 acres of Herbaceous Wetlands (FLUCCS 640)

The lands requested for release are located in Sections 1, 2, 11, 12, and 14, Township 32 South and Range 22 East in Hillsborough County Florida. The parcel is located within the South Prong of the Alafia Basin of the Alafia River Watershed, all Class III Waters.

The site has been inspected approximately every three (3) months since construction. On March 21, 2016, the 250.5-acre wetland portion in parcel IMC-BF-ASP(3A) was inspected for release. The inspection revealed that the reclamation and restoration activities had been completed satisfactorily and that the 250.5-acre wetland portion in IMC-BF-ASP(3A) could be recommended for release. Department staff are of the opinion that the 250.5-acre wetland portion in IMC-BF-ASP(3A) as completed, complies with the requirements of Chapters 211, Part II, and 378, Part II F.S., and Chapter 62C-16, F.A.C., and the approved reclamation plan.

Based upon the foregoing findings, the Department hereby releases the 250.5-acre wetland portion in reclamation and restoration parcel IMC-BF-ASP(3A) from further obligation to perform under Chapter 211, Part II, Chapter 378, Part II, F.S. and Chapter 62C-16, F.A.C. If the land in this parcel is again mined or disturbed as part of mining operations, the mined or disturbed area shall again be subject to the provisions of Chapter 378, F.S., and a new reclamation and restoration plan must be approved by the Department. **This constitutes release of the reclamation parcel IMC-BF-ASP(3A) in its entirety. There are no remaining reclamation obligations under Chapter 62C-16, F.A.C., for IMC-BF-ASP(3A). There are no remaining obligations under the provision of Chapters 373, 403, F.S.; Chapter 62-312 F.A.C., and WRP No. 291895559.**

This release does not warrant the suitability of subject lands for any current or proposed land use and does not constitute a statement or admission concerning ownership of any interest in the subject lands.

Please consider this document as final agency action for this release request. Should you require clarification or have any questions regarding this matter, please call Jacqueline Langston at (863) 578-1143.

## **NOTICE OF RIGHTS**

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final

agency action, the subsequent order may modify or take a different position than this action.

#### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- a) the name and address of each agency affected and each agency's file or identification number, if known;
- b) the name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- c) a statement of when and how the petitioner received notice of the agency decision;
- d) a statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- e) a concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- f) a statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- g) a statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us). Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition



In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us), before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### Judicial Review

Any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

The files associated with this order are available upon request. Please address your request to [MiningAndMitigation@dep.state.fl.us](mailto:MiningAndMitigation@dep.state.fl.us) and include the file number in your request.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

*Marisa Rhian Br*

---

Orlando E. Rivera, PWS, CERP  
Program Administrator  
Mining and Mitigation Program  
Orlando.Rivera@dep.state.fl.us

### **CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

Alissa Powers -- Manatee Co. Natural Resource Dept. – [Alissa.Powers@mymanatee.org](mailto:Alissa.Powers@mymanatee.org)  
Amanda Rotella – EPCHC – [rotellaa@epchc.org](mailto:rotellaa@epchc.org)  
Amelia Savage – Hopping, Green & Sams, P.A. – [amelias@hgslaw.com](mailto:amelias@hgslaw.com)  
Beth Niece – Mosaic Fertilizer, LLC – [Bethany.Niec@mosaicco.com](mailto:Bethany.Niec@mosaicco.com)  
Bev Griffiths, [bevgriffiths@verizon.net](mailto:bevgriffiths@verizon.net)  
Bill Brammell – Mosaic Fertilizer, LLC – [William.Brammell@mosaicco.com](mailto:William.Brammell@mosaicco.com)  
Cheri Albin – Florida Park Service – [Cheri.Albin@dep.state.fl.us](mailto:Cheri.Albin@dep.state.fl.us)  
Chris Becker – Florida State Parks- [Chris.Becker@dep.state.fl.us](mailto:Chris.Becker@dep.state.fl.us)  
Chuck Pons – Mosaic Fertilizer, LLC – [Chuck.Pons@mosaicco.com](mailto:Chuck.Pons@mosaicco.com)  
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Edward P. de la Parte, Jr. – de la Parte & Gilbert, P.A. – [Lfoy@dgfirm.com](mailto:Lfoy@dgfirm.com)  
Elizabeth Wong – City of North Port – [ewong@cityofnorthport.com](mailto:ewong@cityofnorthport.com)  
Eric Michel – Mosaic Fertilizer, LLC – [Eric.Michel@mosaicco.com](mailto:Eric.Michel@mosaicco.com)  
Frank Kirkland – [fmcycle@embarqmail.com](mailto:fmcycle@embarqmail.com)  
Gary Blitch – Mosaic Fertilizer, LLC – [gary.blitch@mosaicco.com](mailto:gary.blitch@mosaicco.com)  
Gregory M. Hitz, P.G. – Lampl Herbert Consultants – [gmhitz@lampl-herbert.com](mailto:gmhitz@lampl-herbert.com)  
Helen J. King – Protect Our Watersheds, Inc. – [thekingsom@gmail.com](mailto:thekingsom@gmail.com)  
Christina Bryant– EPCHC – [bryantc@epchc.org](mailto:bryantc@epchc.org)  
Kathleen Barrett – Manatee Co. Natural Resources – [Kathleen.Barrett@mymanatee.org](mailto:Kathleen.Barrett@mymanatee.org)  
Karen Miller – TCC-FPSI – [MillerKA@tcc.fl.edu](mailto:MillerKA@tcc.fl.edu)  
Keith Hancock– Mosaic Fertilizer, LLC – [Keith.Hancock@mosaicco.com](mailto:Keith.Hancock@mosaicco.com)  
Kim Allen – TCC-FPSI – [AllenK@tcc.fl.edu](mailto:AllenK@tcc.fl.edu)  
Lance McNeill – Minerals Development -- [lance@mindev.us](mailto:lance@mindev.us)  
Laura Morris – Mosaic Fertilizer, LLC – [Laura.Morris@mosaicco.com](mailto:Laura.Morris@mosaicco.com)  
Lee M. Killinger -- Director, Public Policy and Government Affairs, The Mosaic Company, Tallahassee -- [lee.killinger@mosaicco.com](mailto:lee.killinger@mosaicco.com)  
Lisa Lannon – Mosaic Fertilizer, LLC – [Lisa.Lannon@mosaicco.com](mailto:Lisa.Lannon@mosaicco.com)

Big Four Mine  
IMC-BF-ASP(3A), Wetland Reclamation Release  
File No. MMR\_0131636-035  
Page 6

Norma Killebrew – R=Water – [tiff313@aol.com](mailto:tiff313@aol.com)  
Percy Angelo – [medintzm@yahoo.com](mailto:medintzm@yahoo.com)  
Randall Bushey – CH2M Hill – [Randy.Bushey@ch2m.com](mailto:Randy.Bushey@ch2m.com)  
Russell Schweiss – Mosaic Fertilizer, LLC - [russell.schweiss@mosaicco.com](mailto:russell.schweiss@mosaicco.com)  
Sandra Patrick - Mosaic Fertilizer, LLC – [Sandra.Patrick@mosaicco.com](mailto:Sandra.Patrick@mosaicco.com)  
Scott Shirley – Ard, Shirley & Rudolph, P.A. – [sshirley@asrlegal.com](mailto:sshirley@asrlegal.com)  
Susan L. Stephens – Hopping, Green & Sams, P.A. – [susans@hgslaw.com](mailto:susans@hgslaw.com)  
SWFWMD – [ERPAgencyCoordination@swfwmd.state.fl.us](mailto:ERPAgencyCoordination@swfwmd.state.fl.us)  
T. M. (Mike) Gurr – Gurr Professional Services, Inc. – [Mike.Gurr@Gurr.US](mailto:Mike.Gurr@Gurr.US)  
Timothy M. Riley – Hopping, Green & Sams, P.A. – [timothy@hgslaw.com](mailto:timothy@hgslaw.com)  
USACE, Jacksonville District, Mining Team - [CESAJ-Mine.Team@usace.army.mil](mailto:CESAJ-Mine.Team@usace.army.mil)  
W.Ben Hart- W.Ben Hart & Associates- [WBenHart@gmail.com](mailto:WBenHart@gmail.com)  
William Thomas Mims – T. Mims Corp. – [tom@tmimscorp.com](mailto:tom@tmimscorp.com)  
Zachary Hutchins – Mosaic – [Zachary.Hutchins@mosaicco.com](mailto:Zachary.Hutchins@mosaicco.com)

#### **FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

11-26-2019  
Date

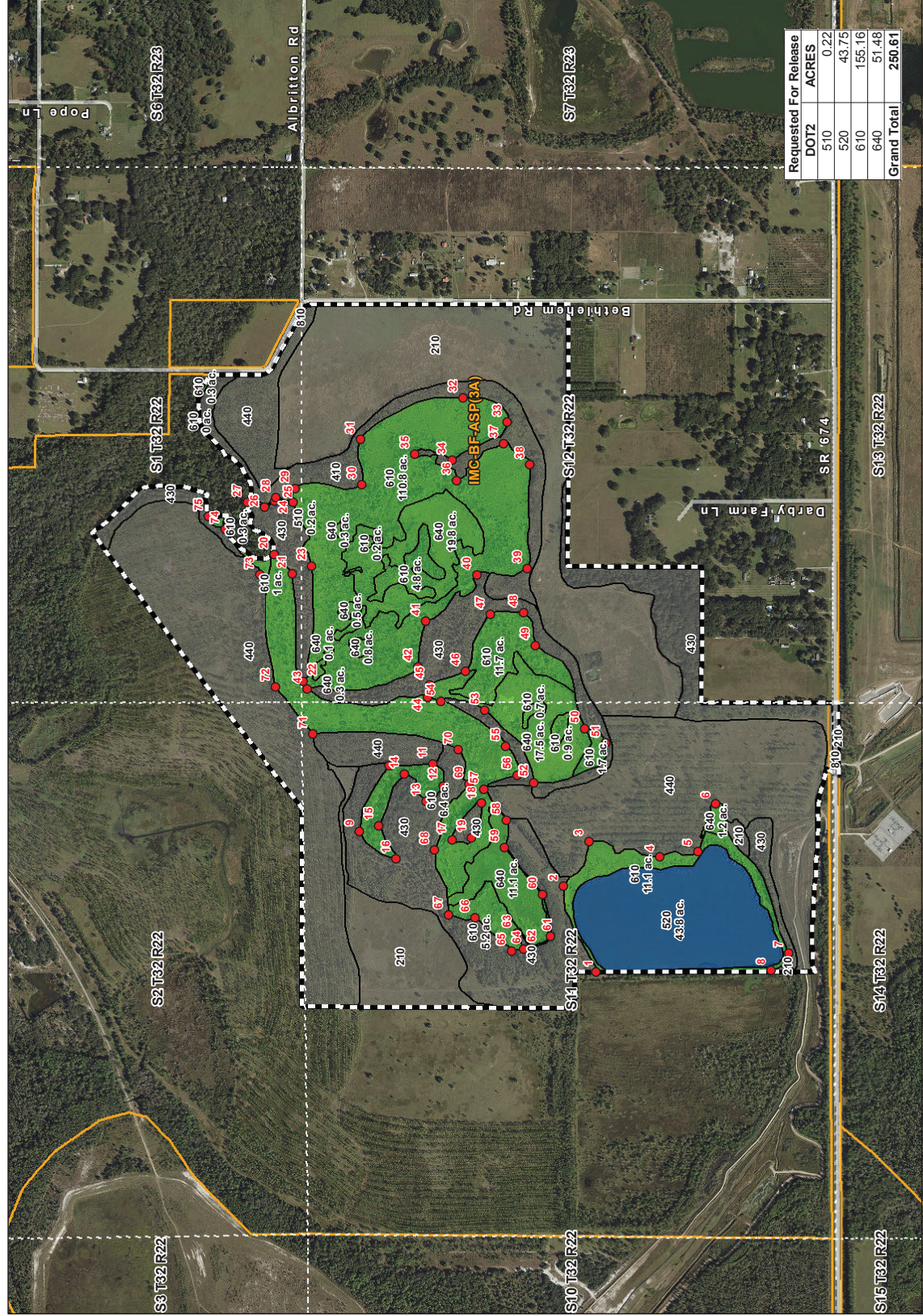
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#### **Attachment:**

IMC-BF-ASP(3A) Release Map 1  
IMC-BF-ASP(3A) Release Map 2  
IMC-BF-ASP(3A) Release Map 3



# IMC-BF-ASP(3A) Wetlands Release Request Map



Location Key

Legend

- GPS Coordinates
- Roads
- Areas Previously Released
- 500 - Water
- 600 - Wetland
- URU Boundaries
- Mosaic Holdings
- Section Lines

\* GPS Table can be found on map 3

Scale in Feet

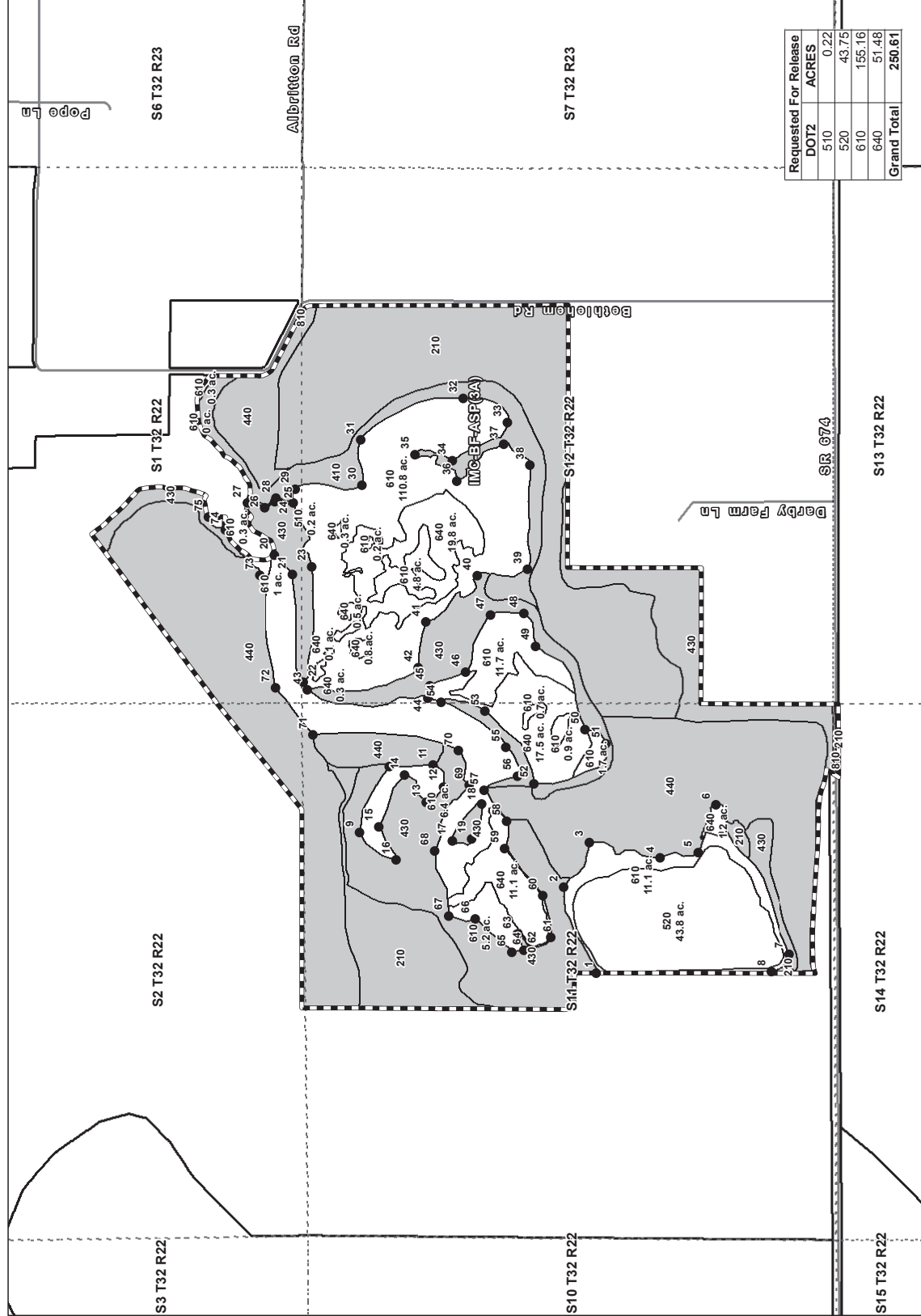
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User: jmc date: 11/19/2019

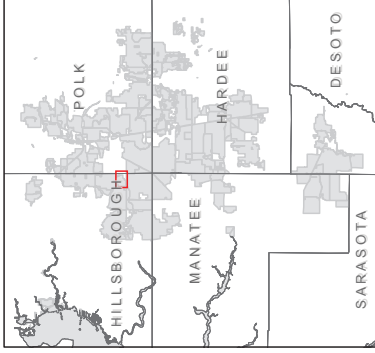
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# IMC-BF-ASP(3A) Wetlands Release Request Map



Location Key



Legend

- GPS Coordinates
- Roads
- Areas Previously Released
- Areas Requested For Release
- LRU Boundaries
- Mosaic Holdings
- Section Lines

\* GPS Table can be found on map 3



Scale in Feet  
0 1,000

User: jmyz date: 11/19/2019  
Path: G:\projects\2015\DOT\_3\15 maps\Map2 20191119.mxd

PointID	Latitude	Longitude
1	42 46.304° N	82° 4 46.937° W
2	42 45.600° N	82° 4 32.388° W
3	42 44.096° N	82° 4 32.436° W
4	42 42 34.031° N	82° 4 34.146° W
5	42 40.357° N	82° 4 33.541° W
6	42 38.604° N	82° 4 28.243° W
7	42 36.895° N	82° 4 44.792° W
8	42 35.182° N	82° 4 44.792° W
9	42 33.472° N	82° 4 31.863° W
10	42 31.762° N	82° 4 24.035° W
11	42 30.054° N	82° 4 23.857° W
12	42 28.341° N	82° 4 26.904° W
13	42 26.627° N	82° 4 28.007° W
14	42 24.915° N	82° 4 24.592° W
15	42 23.202° N	82° 4 30.712° W
16	42 21.490° N	82° 4 32.527° W
17	42 19.777° N	82° 4 32.586° W
18	42 18.065° N	82° 4 28.192° W
19	42 16.352° N	82° 4 32.048° W
20	42 14.640° N	82° 4 0.666° W
21	42 12.927° N	82° 4 2.769° W
22	42 11.215° N	82° 4 14.715° W
23	42 9.502° N	82° 4 13.911° W
24	42 7.790° N	82° 4 15.581° W
25	42 6.077° N	82° 3 54.729° W
26	42 4.365° N	82° 3 55.381° W
27	42 2.652° N	82° 3 54.853° W
28	42 0.940° N	82° 3 54.320° W
29	42 0.227° N	82° 3 53.331° W
30	42 0.514° N	82° 3 52.916° W
31	42 0.801° N	82° 3 47.884° W
32	42 1.088° N	82° 3 47.884° W
33	42 1.375° N	82° 3 45.944° W
34	42 1.662° N	82° 3 50.175° W
35	42 1.950° N	82° 3 49.514° W
36	42 2.237° N	82° 3 52.625° W
37	42 2.524° N	82° 3 48.331° W
38	42 2.811° N	82° 3 50.680° W
39	42 3.098° N	82° 4 21.999° W

PointID	Latitude	Longitude
40	42 53.151° N	82° 4 2.904° W
41	42 51.437° N	82° 4 8.102° W
42	42 49.723° N	82° 4 13.105° W
43	42 48.009° N	82° 4 15.555° W
44	42 46.295° N	82° 4 16.474° W
45	42 44.581° N	82° 4 15.093° W
46	42 42.867° N	82° 4 13.607° W
47	42 41.153° N	82° 4 11.121° W
48	42 39.439° N	82° 4 7.700° W
49	42 37.725° N	82° 4 10.720° W
50	42 36.011° N	82° 4 19.944° W
51	42 34.297° N	82° 4 21.503° W
52	42 32.583° N	82° 4 25.935° W
53	42 30.869° N	82° 4 17.902° W
54	42 29.155° N	82° 4 16.925° W
55	42 27.441° N	82° 4 15.948° W
56	42 25.727° N	82° 4 25.087° W
57	42 24.013° N	82° 4 26.687° W
58	42 22.299° N	82° 4 30.110° W
59	42 20.585° N	82° 4 31.142° W
60	42 18.871° N	82° 4 38.337° W
61	42 17.157° N	82° 4 42.972° W
62	42 15.443° N	82° 4 44.281° W
63	42 13.729° N	82° 4 45.590° W
64	42 12.015° N	82° 4 46.899° W
65	42 10.301° N	82° 4 48.208° W
66	42 8.587° N	82° 4 49.517° W
67	42 6.873° N	82° 4 50.826° W
68	42 5.159° N	82° 4 52.135° W
69	42 3.445° N	82° 4 53.444° W
70	42 1.731° N	82° 4 54.753° W
71	42 0.017° N	82° 4 56.062° W
72	42 0.304° N	82° 4 57.371° W
73	42 0.591° N	82° 4 58.680° W
74	42 0.878° N	82° 4 59.989° W
75	42 1.165° N	82° 4 61.298° W



IMC-BF-ASP(3A)  
Release Request  
GPS Coordinates  
Map 3



# FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

November 26, 2019

Mr. Russell Schweiss  
Director, Land and Resource Strategies  
Mosaic Fertilizer, L.L.C.  
13830 Circa Crossing Drive  
Lithia, FL 33547  
[Russell.Schweiss@mosaicco.com](mailto:Russell.Schweiss@mosaicco.com)

**RE: IMC-BF-ASP(2A) Wetland Reclamation Release**  
**File No. MMR\_0131636-036**  
**Big Four Mine, Hillsborough County, Florida**

Dear Mr. Schweiss:

On November 1, 1983, the Governor and Cabinet, sitting as the agency head of the Department of Natural Resources approved an application for a reclamation and restoration program filed by Amax Chemical Corporation (now Mosaic Fertilizer, LLC), pursuant to Chapters 211, Part II, and 378, Florida Statutes (F.S.), and Chapter 62C-16, Florida Administrative Code (F.A.C.). On July 9, 2015, the Department of Environmental Protection (Department) approved a modified conceptual reclamation plan (MOS-BF-CPE; File No. MMR\_0131636-020) filed by Mosaic Fertilizer, LLC (Mosaic), including reclamation parcel IMC-BF-ASP(2A). On May 10, 2012, the uplands of reclamation parcel IMC-BF-ASP(2A) were released. Mosaic now seeks release of the wetland portion in reclamation parcel IMC-BF-ASP(2A) from further obligation to perform reclamation obligations under Chapter 378, F.S. and Chapter 62C-16, F.A.C.

The approved reclamation parcel, 616.5 acres, after completion of reclamation and restoration, consists of 1.4 acres of Cropland and Pastureland (FLUCCS 210), 5.4 acres of Scrub and Brushlands (FLUCCS 320), 0.6 acres of Coniferous Forest (FLUCCS 410), 3.6 acres of Upland Hardwood Forests (FLUCCS 420), 142.1 acres of Upland Hardwood Forests (FLUCCS 430), 259.2 acres of Tree Plantations (FLUCCS 440), 164.6 acres of Wetland Hardwood Forest (FLUCCS 610), and 39.6 acres of Herbaceous Wetlands (FLUCCS 640).

The reclaimed lands requested for release consist of 164.6 acres of Wetland Hardwood Forest (FLUCCS 610), and 39.6 acres of Herbaceous Wetlands (FLUCCS 640).

The lands requested for release are located in Sections 26, 34, and 35, Township 31 South and Range 22 East, and Section 2, Township 32 South, Range 22 East in Hillsborough County Florida. The parcel is located within the South Prong of the Alafia Basin of the Alafia River Watershed, all Class III Waters.

The site has been inspected approximately every three (3) months since construction. On December 31, 2016, the 204.2-acre wetland portion in parcel IMC-BF-ASP(2A) was inspected for release. The inspection revealed that the reclamation and restoration activities had been completed satisfactorily and that the 204.2-acre wetland portion in IMC-BF-ASP(2A) could be recommended for release. Department staff are of the opinion that the 204.2-acre wetland portion in IMC-BF-ASP(2A) as completed, complies with the requirements of Chapters 211, Part II, and 378, Part II F.S., and Chapter 62C-16, F.A.C., and the approved reclamation plan.

Based upon the foregoing findings, the Department hereby releases the 204.2-acre wetland portion in reclamation and restoration parcel IMC-BF-ASP(2A) from further obligation to perform under Chapter 211, Part II, Chapter 378, Part II, F.S. and Chapter 62C-16, F.A.C. If the land in this parcel is again mined or disturbed as part of mining operations, the mined or disturbed area shall again be subject to the provisions of Chapter 378, F.S., and a new reclamation and restoration plan must be approved by the Department. **This constitutes release of the reclamation parcel IMC-BF-ASP(2A) in its entirety. There are no remaining reclamation obligations under Chapter 62C-16, F.A.C., for IMC-BF-ASP(2A). There are no remaining obligations under the provision of Chapters 373, 403, F.S.; Chapter 62-312 F.A.C., and WRP Nos. 29187479 and 291875449.**

This release does not warrant the suitability of subject lands for any current or proposed land use and does not constitute a statement or admission concerning ownership of any interest in the subject lands.

Please consider this document as final agency action for this release request. Should you require clarification or have any questions regarding this matter, please call Jacqueline Langston at (863) 578-1143.

## **NOTICE OF RIGHTS**

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final



agency action, the subsequent order may modify or take a different position than this action.

#### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- a) the name and address of each agency affected and each agency's file or identification number, if known;
- b) the name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- c) a statement of when and how the petitioner received notice of the agency decision;
- d) a statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- e) a concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- f) a statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- g) a statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us). Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us), before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### Judicial Review

Any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

The files associated with this order are available upon request. Please address your request to [MiningAndMitigation@dep.state.fl.us](mailto:MiningAndMitigation@dep.state.fl.us) and include the file number in your request.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

*Marisa Rhian for*

---

Orlando E. Rivera, PWS, CERP  
Program Administrator  
Mining and Mitigation Program  
Orlando.Rivera@dep.state.fl.us

### **CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

Alissa Powers -- Manatee Co. Natural Resource Dept. – [Alissa.Powers@mymanatee.org](mailto:Alissa.Powers@mymanatee.org)  
Amanda Rotella – EPCHC – [rotellaa@epchc.org](mailto:rotellaa@epchc.org)  
Amelia Savage – Hopping, Green & Sams, P.A. – [amelias@hgslaw.com](mailto:amelias@hgslaw.com)  
Beth Niece – Mosaic Fertilizer, LLC – [Bethany.Niec@mosaicco.com](mailto:Bethany.Niec@mosaicco.com)  
Bev Griffiths, [bevgriffiths@verizon.net](mailto:bevgriffiths@verizon.net)  
Bill Brammell – Mosaic Fertilizer, LLC – [William.Brammell@mosaicco.com](mailto:William.Brammell@mosaicco.com)  
Cheri Albin – Florida Park Service – [Cheri.Albin@dep.state.fl.us](mailto:Cheri.Albin@dep.state.fl.us)  
Chris Becker – Florida State Parks- [Chris.Becker@dep.state.fl.us](mailto:Chris.Becker@dep.state.fl.us)  
Chuck Pons – Mosaic Fertilizer, LLC – [Chuck.Pons@mosaicco.com](mailto:Chuck.Pons@mosaicco.com)  
Dee Allen – Mosaic Fertilizer, LLC – [deedra.allen@mosaicco.com](mailto:deedra.allen@mosaicco.com)  
Debra Combee – Mosaic Fertilizer, LLC – [Debra.Combee@mosaicco.com](mailto:Debra.Combee@mosaicco.com)  
Edward P. de la Parte, Jr. – de la Parte & Gilbert, P.A. – [Lfoyd@dgfirm.com](mailto:Lfoyd@dgfirm.com)  
Elizabeth Wong – City of North Port – [ewong@cityofnorthport.com](mailto:ewong@cityofnorthport.com)  
Eric Michel – Mosaic Fertilizer, LLC – [Eric.Michel@mosaicco.com](mailto:Eric.Michel@mosaicco.com)  
Frank Kirkland – [fmcycle@embarqmail.com](mailto:fmcycle@embarqmail.com)  
Gary Blitch – Mosaic Fertilizer, LLC – [gary.blitch@mosaicco.com](mailto:gary.blitch@mosaicco.com)  
Gregory M. Hitz, P.G. – Lampl Herbert Consultants – [gmhitz@lampl-herbert.com](mailto:gmhitz@lampl-herbert.com)  
Helen J. King – Protect Our Watersheds, Inc. – [thekingsom@gmail.com](mailto:thekingsom@gmail.com)  
Christina Bryant– EPCHC – [bryantc@epchc.org](mailto:bryantc@epchc.org)  
Kathleen Barrett – Manatee Co. Natural Resources – [Kathleen.Barrett@mymanatee.org](mailto:Kathleen.Barrett@mymanatee.org)  
Karen Miller – TCC-FPSI – [MillerKA@tcc.fl.edu](mailto:MillerKA@tcc.fl.edu)  
Keith Hancock– Mosaic Fertilizer, LLC – [Keith.Hancock@mosaicco.com](mailto:Keith.Hancock@mosaicco.com)  
Kim Allen – TCC-FPSI – [AllenK@tcc.fl.edu](mailto:AllenK@tcc.fl.edu)  
Lance McNeill – Minerals Development -- [lance@mindev.us](mailto:lance@mindev.us)  
Laura Morris – Mosaic Fertilizer, LLC – [Laura.Morris@mosaicco.com](mailto:Laura.Morris@mosaicco.com)  
Lee M. Killinger -- Director, Public Policy and Government Affairs, The Mosaic Company, Tallahassee -- [lee.killinger@mosaicco.com](mailto:lee.killinger@mosaicco.com)

Big Four Mine  
IMC-BF-ASP(2A), Wetland Reclamation Release  
File No. MMR\_0131636-036  
Page 6

Lisa Lannon – Mosaic Fertilizer, LLC – [Lisa.Lannon@mosaicco.com](mailto:Lisa.Lannon@mosaicco.com)  
Norma Killebrew – R=Water – [tiff313@aol.com](mailto:tiff313@aol.com)  
Percy Angelo – [medintzm@yahoo.com](mailto:medintzm@yahoo.com)  
Randall Bushey – CH2M Hill – [Randy.Bushey@ch2m.com](mailto:Randy.Bushey@ch2m.com)  
Russell Schweiss – Mosaic Fertilizer, LLC - [russell.schweiss@mosaicco.com](mailto:russell.schweiss@mosaicco.com)  
Sandra Patrick - Mosaic Fertilizer, LLC – [Sandra.Patrick@mosaicco.com](mailto:Sandra.Patrick@mosaicco.com)  
Scott Shirley – Ard, Shirley & Rudolph, P.A. – [sshirley@asrlegal.com](mailto:sshirley@asrlegal.com)  
Susan L. Stephens – Hopping, Green & Sams, P.A. – [susans@hgslaw.com](mailto:susans@hgslaw.com)  
SWFWMD – [ERPAgencyCoordination@swfwmd.state.fl.us](mailto:ERPAgencyCoordination@swfwmd.state.fl.us)  
T. M. (Mike) Gurr – Gurr Professional Services, Inc. – [Mike.Gurr@Gurr.US](mailto:Mike.Gurr@Gurr.US)  
Timothy M. Riley – Hopping, Green & Sams, P.A. – [timothy@hgslaw.com](mailto:timothy@hgslaw.com)  
USACE, Jacksonville District, Mining Team - [CESAJ-Mine.Team@usace.army.mil](mailto:CESAJ-Mine.Team@usace.army.mil)  
W.Ben Hart- W.Ben Hart & Associates- [WBenHart@gmail.com](mailto:WBenHart@gmail.com)  
William Thomas Mims – T. Mims Corp. – [tom@tmimscorp.com](mailto:tom@tmimscorp.com)  
Zachary Hutchins – Mosaic – [Zachary.Hutchins@mosaicco.com](mailto:Zachary.Hutchins@mosaicco.com)

#### **FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

11-26-2019  
Date

  1   Page Attached

#### **Attachment:**

IMC-BF-ASP(2A) Release Map 1  
IMC-BF-ASP(2A) Release Map 2  
IMC-BF-ASP(2A) Release Map 3



# IMC-BF-ASP(2A) Wetlands Release Request Map



Location Key

Legend

- GPS Coordinates
- Areas Previously Released
- 600 - Wetlands
- LRU Boundaries
- Mosaic Property
- Section Lines

\* GPS Table can be found on map 3

Scale in Feet  
0 1,000

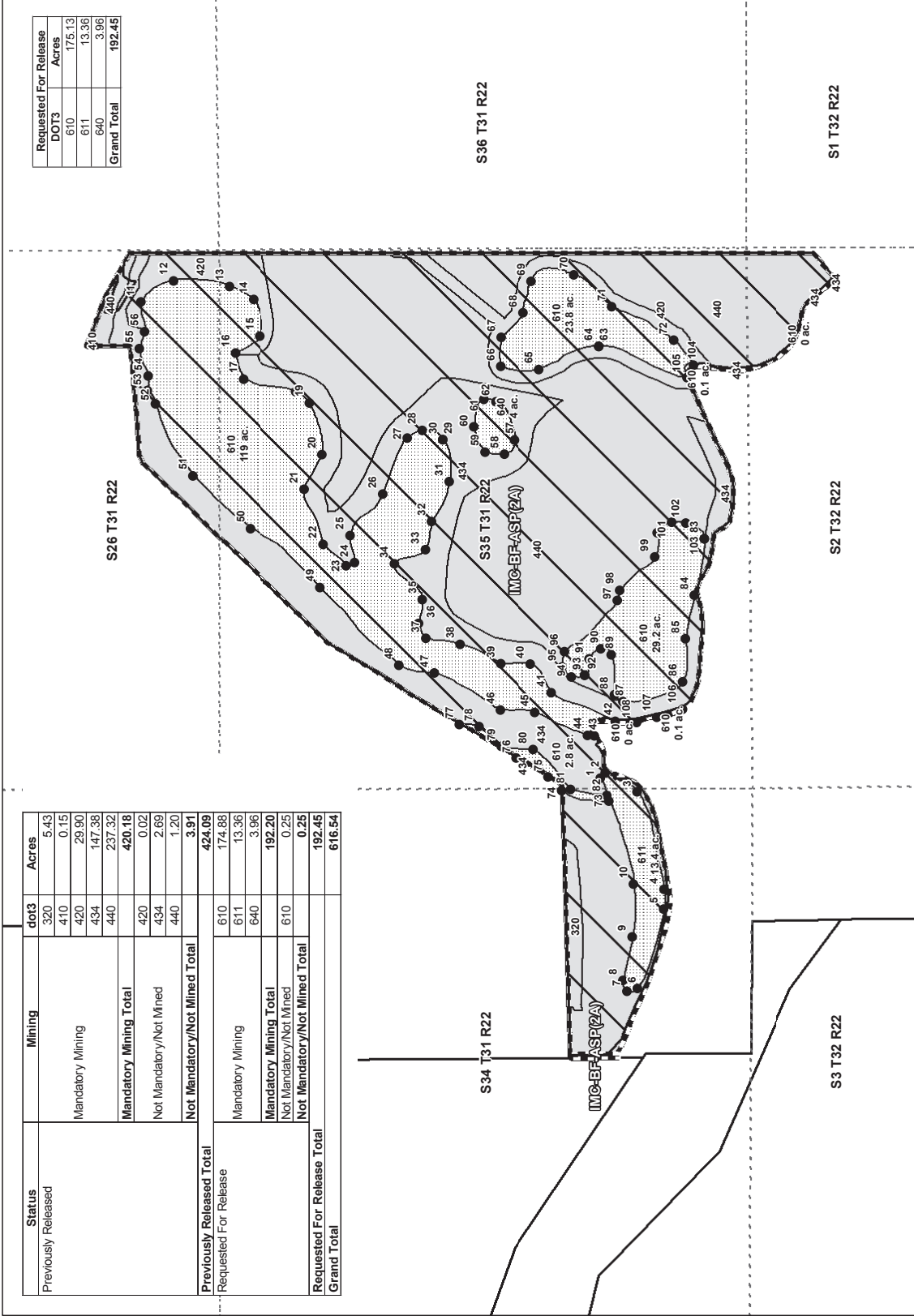
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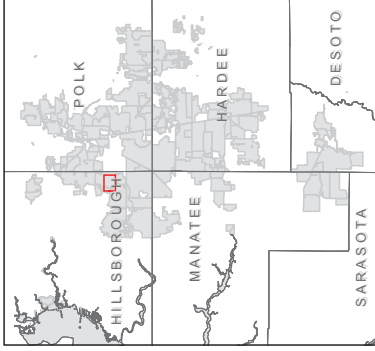
# IMC-BF-ASP(2A) Wetlands Release Request Map

Status	Mining	dot3	Acres
Previously Released		320	5.43
		410	0.15
	Mandatory Mining	420	29.90
		434	147.38
		440	237.32
	<b>Mandatory Mining Total</b>		<b>420.18</b>
Requested For Release	Not Mandatory/Not Mined	420	0.02
		434	2.69
		440	1.20
	<b>Not Mandatory/Not Mined Total</b>		<b>3.91</b>
<b>Previously Released Total</b>			<b>424.09</b>
Requested For Release		610	174.88
		611	13.36
	Mandatory Mining	640	3.96
			<b>192.20</b>
	<b>Mandatory Mining Total</b>		<b>0.25</b>
Requested For Release Total	Not Mandatory/Not Mined	610	0.25
	<b>Not Mandatory/Not Mined Total</b>		<b>0.25</b>
<b>Grand Total</b>			<b>616.54</b>

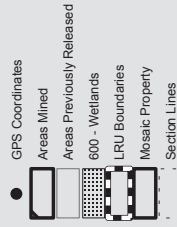
Requested For Release	DOT3	Acres
	610	175.13
	611	13.36
	640	3.96
<b>Grand Total</b>		<b>192.45</b>



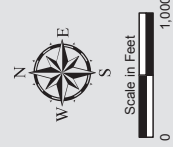
Location Key



Legend



\* GPS Table can be found on map 3



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Path: G:\projects\2011\DOT1\_033\maps\Map2 20191119.mxd

PointID	Latitude	Longitude
1	27° 44' 16.023" N	82° 5' 15.686" W
2	27° 44' 15.550" N	82° 5' 15.122" W
3	27° 44' 12.418" N	82° 5' 17.215" W
4	27° 44' 9.786" N	82° 5' 27.984" W
5	27° 44' 9.799" N	82° 5' 30.178" W
6	27° 44' 12.358" N	82° 5' 38.913" W
7	27° 44' 13.411" N	82° 5' 39.251" W
8	27° 44' 13.796" N	82° 5' 38.045" W
9	27° 44' 12.910" N	82° 5' 33.210" W
10	27° 44' 12.761" N	82° 5' 27.404" W
11	27° 45' 1.227" N	82° 4' 23.122" W
12	27° 44' 58.003" N	82° 4' 20.770" W
13	27° 44' 52.487" N	82° 4' 21.418" W
14	27° 44' 50.137" N	82° 4' 22.841" W
15	27° 44' 49.524" N	82° 4' 26.859" W
16	27° 44' 51.896" N	82° 4' 28.743" W
17	27° 44' 51.120" N	82° 4' 31.631" W
18	27° 44' 46.010" N	82° 4' 33.030" W
19	27° 44' 44.672" N	82° 4' 34.254" W
20	27° 44' 43.411" N	82° 4' 39.974" W
21	27° 44' 45.182" N	82° 4' 43.815" W
22	27° 44' 43.317" N	82° 4' 49.879" W
23	27° 44' 41.048" N	82° 4' 52.248" W
24	27° 44' 40.226" N	82° 4' 51.899" W
25	27° 44' 40.663" N	82° 4' 48.898" W
26	27° 44' 37.448" N	82° 4' 44.343" W
27	27° 44' 35.028" N	82° 4' 38.113" W
28	27° 44' 33.580" N	82° 4' 37.273" W
29	27° 44' 31.533" N	82° 4' 38.325" W
30	27° 44' 31.529" N	82° 4' 38.329" W
31	27° 44' 30.913" N	82° 4' 42.936" W
32	27° 44' 32.643" N	82° 4' 47.367" W
33	27° 44' 33.245" N	82° 4' 50.473" W
34	27° 44' 36.304" N	82° 4' 52.033" W
35	27° 44' 33.549" N	82° 4' 55.971" W
36	27° 44' 33.904" N	82° 4' 58.621" W
37	27° 44' 33.210" N	82° 5' 0.267" W
38	27° 44' 29.813" N	82° 5' 0.932" W
39	27° 44' 25.811" N	82° 5' 3.055" W
40	27° 44' 22.939" N	82° 5' 3.109" W
41	27° 44' 20.887" N	82° 5' 6.245" W
42	27° 44' 14.552" N	82° 5' 8.175" W
43	27° 44' 16.629" N	82° 5' 11.035" W
44	27° 44' 17.292" N	82° 5' 10.961" W
45	27° 44' 22.480" N	82° 5' 8.462" W
46	27° 44' 25.857" N	82° 5' 8.175" W
47	27° 44' 32.346" N	82° 5' 4.095" W
48	27° 44' 35.862" N	82° 5' 3.263" W
49	27° 44' 43.611" N	82° 4' 54.643" W
50	27° 44' 50.418" N	82° 4' 48.148" W
51	27° 44' 56.095" N	82° 4' 42.320" W
52	27° 44' 59.793" N	82° 4' 34.373" W
53	27° 45' 0.573" N	82° 4' 32.866" W
54	27° 45' 0.484" N	82° 4' 31.316" W

PointID	Latitude	Longitude
55	27° 45' 1.362" N	82° 4' 28.290" W
56	27° 45' 0.846" N	82° 4' 26.418" W
57	27° 44' 24.479" N	82° 4' 38.335" W
58	27° 44' 25.468" N	82° 4' 39.916" W
59	27° 44' 27.399" N	82° 4' 39.706" W
60	27° 44' 28.480" N	82° 4' 36.869" W
61	27° 44' 27.492" N	82° 4' 33.874" W
62	27° 44' 26.323" N	82° 4' 34.141" W
63	27° 44' 16.202" N	82° 4' 27.991" W
64	27° 44' 16.238" N	82° 4' 27.996" W
65	27° 44' 22.123" N	82° 4' 30.546" W
66	27° 44' 25.826" N	82° 4' 30.198" W
67	27° 44' 25.808" N	82° 4' 27.008" W
68	27° 44' 23.655" N	82° 4' 24.284" W
69	27° 44' 22.870" N	82° 4' 20.804" W
70	27° 44' 18.677" N	82° 4' 20.081" W
71	27° 44' 14.945" N	82° 4' 23.585" W
72	27° 44' 8.858" N	82° 4' 27.299" W
73	27° 44' 15.203" N	82° 5' 18.246" W
74	27° 44' 19.825" N	82° 5' 17.090" W
75	27° 44' 21.166" N	82° 5' 15.575" W
76	27° 44' 24.298" N	82° 5' 13.494" W
77	27° 44' 29.890" N	82° 5' 9.777" W
78	27° 44' 27.965" N	82° 5' 10.003" W
79	27° 44' 25.764" N	82° 5' 12.188" W
80	27° 44' 22.656" N	82° 5' 12.555" W
81	27° 44' 18.963" N	82° 5' 16.955" W
82	27° 44' 15.410" N	82° 5' 17.586" W
83	27° 44' 5.836" N	82° 4' 49.240" W
84	27° 44' 6.813" N	82° 4' 55.473" W
85	27° 44' 7.681" N	82° 5' 0.281" W
86	27° 44' 7.956" N	82° 5' 5.067" W
87	27° 44' 13.826" N	82° 5' 7.253" W
88	27° 44' 14.658" N	82° 5' 6.491" W
89	27° 44' 14.957" N	82° 5' 2.060" W
90	27° 44' 15.996" N	82° 5' 1.397" W
91	27° 44' 17.152" N	82° 5' 2.516" W
92	27° 44' 17.576" N	82° 5' 4.314" W
93	27° 44' 17.601" N	82° 5' 4.345" W
94	27° 44' 18.889" N	82° 5' 4.506" W
95	27° 44' 19.792" N	82° 5' 3.418" W
96	27° 44' 19.581" N	82° 5' 1.736" W
97	27° 44' 14.394" N	82° 4' 56.059" W
98	27° 44' 14.129" N	82° 4' 54.933" W
99	27° 44' 10.708" N	82° 4' 51.245" W
100	27° 44' 10.454" N	82° 4' 48.560" W
101	27° 44' 9.037" N	82° 4' 47.428" W
102	27° 44' 7.668" N	82° 4' 47.507" W
103	27° 44' 5.836" N	82° 4' 49.240" W
104	27° 44' 6.928" N	82° 4' 30.047" W
105	27° 44' 7.549" N	82° 4' 31.445" W
106	27° 44' 7.964" N	82° 5' 8.054" W
107	27° 44' 10.486" N	82° 5' 8.954" W
108	27° 44' 12.481" N	82° 5' 9.557" W



**IMC-BF-ASP(2A)**  
**Release Request**  
**GPS Coordinates**  
**Map 3**