

Rates of Reclamation Ending December 31, 2019

A Company	B Mine(s)	C Mandatory Acres Mined or Disturbed 7/1/75 thru 12/31 Report year	D Mandatory Acres Reclaimed and Released	(E = D/C x 100) Percentage of Acreage Reclaimed and Released	F Mandatory Acres Reclaimed through Revegetation or Under Industrial Use Criteria	(G = D + F) Total Reclamation	(H = G/C) x 100) Percentage or Acreage Reclaimed
Agrifos Mining, LLC (1)	Nichols (o)	6,689	6,128	92%	139	6,267	94%
Brewster Phosphates (2)(3)	Haynesworth (a)(b) (k)	3,754	3,760	100%	0	3,760	100%
Brewster Phosphates (2)(3)	Lonesome (b)	3,788	3,788	100%	0	3,788	100%
Estech Incorporated	Silver City (b)	470	470	100%	0	470	100%
Estech Incorporated	Watson (b)	2853	2853	100%	0	2,853	100%
Exxon/Mobil	Fort Meade (b)(h)	6,220	6,246	100%	0	6,246	100%
Mosaic Fertilizer, LLC*	Big Four (e)(n)	4,892	4,865	99%	27	4,892	100%
Mosaic Fertilizer, LLC*	Bonny Lake (b)	1,956	1,956	100%	0	1,956	100%
Mosaic Fertilizer, LLC*	Clear Springs (a)(b)(l)	6,770	6,770	100%	0	6,770	100%
Mosaic Fertilizer, LLC*	Fort Green	27,063	14,090	52%	7,265	21,355	79%
Mosaic Fertilizer, LLC*	Fort Meade (l)	11,233	9,338	83%	1,286	10,624	95%
Mosaic Fertilizer, LLC*	Four Corners/lonesome	43,271	8,066	19%	12,644	20,710	48%

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Mosaic Fertilizer, LLC*	Green Bay (b)	719	719	100%	0	719	100%
Mosaic Fertilizer, LLC*	Hooker's Prairie (l)	14,532	7,226	50%	6,037	13,263	91%
Mosaic Fertilizer, LLC*	Hopewell (f)(l)	3,599	2,968	82%	631	3,599	100%
Mosaic Fertilizer, LLC*	Kingsford (n)	18,648	17,493	94%	2,355	18,648	100%
Mosaic Fertilizer, LLC*	New Wales (b)(g)	1,085	1,085	100%	0	1,085	100%
Mosaic Fertilizer, LLC*	Noralyn/Phosphoria (a)(b)	7,239	7,239	100%	0	7,239	100%
Mosaic Fertilizer, LLC*	North Pasture (b)(m)	1,480	1,226	83%	8	1,234	83%
Mosaic Fertilizer, LLC*	Ona	1,728	0	0%	0	0	0%
Mosaic Fertilizer, LLC*	Payne Creek (l)	13,556	12,885	95%	1,249	13,529	100%
Mosaic Fertilizer, LLC*	Pebbledale (b)	2210	2210	100%	0	2210	100%
Mosaic Fertilizer, LLC*	South Fort Meade Hardee County	6,635	0	0%	690	690	10%
Mosaic Fertilizer, LLC*	South Fort Meade Polk County (c) (l)	14,200	3,184	22%	5,556	8,740	62%
Mosaic Fertilizer, LLC*	South Pasture (m) (p)	13,135	234	2%	3,925	4,159	32%

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Mosaic Fertilizer, LLC*	South Pasture Extension (m)	1,913	0	0%	0	0	0%
Mosaic Fertilizer, LLC*	Wingate (j)(p)	3,911	980	25%	493	1,473	38%
Nutrien	Hamilton County (i)	41,526	5,775	14%	20,037	25,812	62%
Progress Energy (7)	Hines Energy Complex (b)	1,695	1,695	100%	0	1,695	100%
TECO (9)	Polk Power Station (b)	2,460	2,460	100%	0	2,460	100%
US Agri-chemicals	Rockland (b)	3,689	3,689	100%	0	3,689	100%
Williams Company (10)	Saddle Creek (b)	1,532	1,532	100%	0	1,532	100%
Total		274,451	140,892	51%	62,380	201,467	73%

*Mosaic Fertilizer, LLC, Footnotes (3), (4), (5), (6), (7), (8), (11), (12), and (13)

Individual Mine Footnotes

- (a) Mine is shut down and final reclamation is ongoing.
- (b) Mine is shut down and final reclamation is complete (Bonny Lake, Clear Springs, Green Bay, Haynsworth, Hines Energy Complex, Lonesome, Mobil Ft. Meade, New Wales, Noralyn/Phosphoria, Pebbledale, Polk Power Station, Rockland, Saddle Creek, Silver City, and Watson).
- (c) The Mobil South Fort Meade Mine was sold to Cargill Fertilizer, Inc., on December 15, 1995. In 2004, Cargill Fertilizer, Inc., transferred its reclamation obligations to Cargill Fertilizer, LLC, and subsequently became Mosaic Fertilizer, LLC.
- (d) Mine is temporarily shut down.
- (e) The Mobil Big Four Mine was sold to IMC Agrico on June 28, 1996. On August 7, 2000, IMC Agrico became IMC Phosphates Company and assumed reclamation responsibility. IMC Phosphates Company is completing the mining and reclamation of the mine site. In 2004, IMC Phosphates Company changed its name to Mosaic Phosphates Company. On July 29, 2005, Mosaic Phosphates Company became Mosaic Fertilizer, LLC.
- (f) The Hopewell Mine was owned and operated by the Hopewell Land Corporation. However, in October 1989 mining operations and the reclamation responsibility was transferred to IMC Fertilizer, Inc., (now IMC Phosphates Company). In 2004, IMC Phosphates Company changed its name to Mosaic Phosphates Company. On July 29, 2005, Mosaic Phosphates Company became Mosaic Fertilizer, LLC.
- (g) The reclamation and financial responsibility for 1,074 acres of mined land within the Kingsford Complex was transferred to the New Wales Chemical Plant by action of the Governor and Cabinet on December 19, 1989. Acreage from which phosphate ore removal has occurred from July 1, 1975, through December 31, 2008, but reclaimed for industrial purposes (chemical, power generation facilities, etc.) are included in Column G, Mandatory Acres Reclaimed Under Industrial Use Criteria. Final reclamation of these industrial use sites remains the responsibility of the individual company pursuant to the rules and guidelines of the Phosphate Management Program, under Chapter 62-671, 62-672, and 62-673, F.A.C.
- (h) The Fort Meade Mine owned by Mobil Mining & Minerals was sold to Glawson Investments Corporation on December 21, 1998. Mobil Mining & Minerals remains responsible for all reclamation obligations for all mined and disturbed land at the Fort Meade Mine through final release. Mobil merged with Exxon Corporation in December 1999 and Exxon has now assumed the reclamation obligation through

final release of the remaining unreleased portions of the Fort Meade Mine.

- (i) Occidental Chemical Company (Oxy) was sold to PCS Phosphate on October 31, 1995. On January 5, 1996, PCS Phosphate combined the Suwannee River and Swift Creek Mines into the Hamilton County Mine.
- (j) NuGulf's Wingate Creek Mine was purchased by Cargill Fertilizer, Inc., in 2004. Later that year, Cargill Fertilizer Inc., transferred its reclamation obligations to Cargill Fertilizer, LLC. This company subsequently became Mosaic Fertilizer, LLC.
- (k) There was an error in the numbers reported in the 2008 Rate of Reclamation Report for the Brewster Phosphates' Haynesworth mine. The acres were reported as 2,325 Mandatory Acres Reclaimed and Released and 891 acres Reclaimed Through Revegetation. They were 2,198 acres and 956 acres, respectively.
- (l) Some acres have been updated due to improvements in mapping techniques and GIS capabilities.
- (m) In 2014, CF Industries Inc's North Pasture, South Pasture, and South Pasture Extension mines were sold to Mosaic Fertilizer, LLC.
- (n) Mine is shut down and final reclamation is complete and in establishment before it can be released from final reclamation obligations (Big Four and Kingsford).
- (o) In 2005, the Nichols mine shut down and final reclamation was ongoing. In 2018 Agrifos Mining, LLC resumed mining operations at Nichols Mine.
- (p) Overages in disturbed, mined, and reclaimed acres were corrected in the 2018 Annual Mining and Reclamation Report

Cumulative Totals Ending December 31, 2019

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Agrifos Mining, LLC (1)	6,689	6,128	92%	139	6,267	94%
Brewster Phophates (2)(3)	7,542	7,548	100%	0	7,548	100%
Estech Incorporated	3323	3323	100%	0	3323	100%
Exxon/Mobil	6,220	6,246	100%	0	6246	100%
Mosaic Fertilizer, LLC* (3) (4) (5) (6) (7) (8) (11) (12) (13)	199,775	102,534	51%	42,166	142,895	72%
Nutrien	41,526	5,775	14%	20,037	25,812	62%
Progress Energy (7)	1,695	1,695	100%	0	1,695	100%
TECO (9)	2,460	2,460	100%	0	2,460	100%
US Agri-chemicals	3,689	3,689	100%	0	3,689	100%
Williams Company (10)	1,532	1,532	100%	0	1,532	100%
Total	274,451	140,930	51%	62,342	201,467	73%

Definitions of Columns/Categories

Column A – Company: The mining company or industrial facility (operator).

Column B – Mine(s): The individual mine(s) being operated by the company.

Column C – Mandatory Acres Mined 7/1/75 through 12/31/17: Acreage from which phosphate ore removal occurred from July 1, 1975 through December 31, 2018 or disturbed since January 1, 2011.

Column D – Mandatory Acres Reclaimed & Released: Acreage from which phosphate ore has been removed or disturbed, reclamation has been performed and the area has been released from further reclamation obligation pursuant to Chapter 378, F.S. and Chapter 62C-16, F.A.C.

Column E – Percentage of Acreage Reclaimed & Released: Acreage released from reclamation obligations as outlined in Chapter 378, F.S. and Chapter 62C-16, F.A.C. Data in Columns C & D are used to determine the percentage of acreage reclaimed and released ($D/C \times 100 = E$). Percentages are rounded up to the next percentage point.

Column F – Mandatory Acres Reclaimed through Revegetation or Under Industrial Use Criteria: Acreage from which phosphate ore has been removed or disturbed for phosphate ore removal and on which contouring and final revegetation has been completed through December 31, 2018. Some of the acres include lands the Department granted permission to allow reclamation of mandatory lands to an alternate use (i.e. industrial) and have subsequently been reclaimed for its intended use. Acreage disturbed by mining operations, but not mined, are not included in this column even though the acres were revegetated.

Column G – Total Reclamation: Mandatory mined or disturbed acreage that has been reclaimed, released from reclamation obligation, and acreage that has been reclaimed through final revegetation or industrial use ($D+F = H$).

Column H – Percentage of Acreage Reclaimed: Acreage mined or disturbed divided by acreage that has been reclaimed through final revegetation or for industrial use. Data in Columns C and G are used to calculate the percentage of total reclamation that has been completed at each site ($G/C \times 100 = H$).

Company Footnotes

1. Agrifos Mining, LLC, purchased the Mobil Nichols Mine on June 28, 1996. On December 3, 2002, IMC Phosphates Company, Agrifos Mining, LLC, and The Mims Group entered into an agreement to document their respective reclamation obligations for the Nichols Mine. In 2004, IMC Phosphates Company changed its name to Mosaic Phosphates Company. On July 29, 2005, Mosaic Phosphates Company became Mosaic Fertilizer, LLC.
2. Brewster Phosphates (now Cytec Industries) is no longer engaged in mining operations and has transferred the remainder of its reclamation obligation to Kovacs Brothers, Inc., as of September 27, 2000.
3. On June 12, 1991, the Governor and Cabinet approved a request by IMC Fertilizer, Inc. (now Mosaic Fertilizer, LLC) and Brewster Phosphates (now Cytec Industries) to consolidate their mines. Currently, the Kingsford Complex Mine includes the Kingsford Mine, the Haynesworth Mine, and portions of the Lonesome Mine, which lies north of the south prong of the Alafia River. The Four Corners/Lonesome Mine now includes the Four Corners Mine and portions of the Lonesome Mine lying below the south prong of the Alafia River.
4. Ownership of the Gardinier Fort Meade Mine was transferred to Cargill Fertilizer, Inc., on March 4, 1991. In 2004, Cargill Fertilizer, Inc., transferred its obligations to Cargill Fertilizer, LLC, and subsequently Mosaic Fertilizer, LLC, on July 29, 2005.
5. Ownership of the Bonny Lake and Hookers Prairie Mines was with W.R. Grace and Company until November 1, 1988, when Seminole Fertilizer Corporation took over operation. On May 4, 1993, Seminole Fertilizer Corporation transferred ownership of the Bonny Lake and Hookers Prairie Mines to Cargill Fertilizer, Inc. In 2004, Cargill Fertilizer, Inc., transferred its reclamation obligations to Cargill Fertilizer, LLC, and subsequently became Mosaic Fertilizer, LLC, on July 29, 2005.
6. The reclamation and financial responsibility for 719 acres of mined land within the Noralyn/Phosphoria Mine was transferred to the Farmland Green Bay Chemical Complex by action of the Governor and Cabinet on September 11, 1990, and modified by the Department of Environmental Protection on February 8, 2001. Cargill Fertilizer, Inc., acquired ownership and reclamation responsibility from Farmland Hydro, LP, of the Green Bay Chemical Complex on November 6, 2002. Acreage from which phosphate ore removal has occurred from July 1, 1975, through December 31, 2008, but reclaimed for industrial purposes (chemical, power generation facilities, etc.) are included in Column G, Mandatory Acres Reclaimed Under Industrial Use Criteria. Final reclamation of these industrial use sites

remains the responsibility of the individual company pursuant to the rules and guidelines of the Phosphate Management Program, under Chapter 62-671, 62-672, and 62-673, F.A.C. In 2004, Cargill Fertilizer, Inc., transferred its reclamation obligations to Cargill Fertilizer, LLC, and subsequently became Mosaic Fertilizer, LLC, on July 29, 2005.

7. Florida Power Corp. Progress Energy Florida, Inc., on September 30, 2002. The Progress Energy Hines Facility is located on Mandatory and Nonmandatory phosphate mined lands. All the Mandatory Phosphate Reclamation requirements have been satisfied through variances associated with the Site Certification for the power facility or through releases of reclamation. The 2006 Rate of Reclamation data for the Progress Energy Facility was revised to explicitly show only the Mandatory Acres Mined 07/01/75 through 12/21/06 and the Mandatory Acres Reclaimed through Revegetation or for Industrial Use. Progress Energy assumed responsibility for final closure of the industrial sites that received a variance from mining reclamation responsibility for construction of the power facility pursuant to the rules and guidelines of the Office of Siting Coordination, as stated in Chapter 62-17, Part I, F.A.C.
8. Any remaining areas to be mined at the Haynesworth or Lonesome Mines were to be mined by IMC Phosphates Company. IMC Phosphates Company accepted responsibility for reclamation of the following areas which were previously part of the Brewster Phosphates (now Cytec Industries) mining operation: BP-H-SPA(3), southeast of O Pond; BP-H-LB(2A), south of Doc Durance Road; BP-H-86(3), North County Road 630; BP-L-SP(8), DL Pond and IMC-KC-BOG(5), AL/BL Pond. In 2004, IMC Phosphates Company changed its name to Mosaic Phosphates Company. On July 29, 2005, Mosaic Phosphates Company became Mosaic Fertilizer, LLC.
9. Tampa Electric Corporation (TECO) sited power generation on lands mined for phosphate. IMC-Agrico, American Cyanamid, and Brewster Phosphates mined the present location of the TECO Polk Power Station Site and completed a portion of the reclamation. However, the remaining reclamation responsibility was assumed by TECO under the Department of Environmental Protection Power Plant Site Certification. All mine reclamation/restoration/mitigation requirements and agreements have been completed. Acreage from which phosphate ore removal has occurred from July 1, 1975, through December 31, 2009, but reclaimed for industrial purposes (chemical, power generation facilities, etc.) are included in Column G, Mandatory Acres Reclaimed Under Industrial Use Criteria. Final reclamation of these industrial sites remains the responsibility of the individual company pursuant to the rules and guidelines of the Office of Siting Coordination, as stated in Chapter 62-17, Part I, F.A.C.
10. The Polk County North Central Landfill is located on land that was mined for phosphate in the former Saddle Creek Mine. The last remaining reclamation requirements in the Saddle Creek Mine for parcel AGR-SC-84(3) were released to allow for expansion of the landfill. Due to the industrial nature of the landfill expansion, the Department issued a variance for the reclamation requirements and determined that the site should be under the oversight of the Southwest Florida Water Management District and the Department's Solid Waste Section for management as a solid waste facility.

11. IMC Fertilizer, Inc., and Agrico Mining Co. merged on July 1, 1993, forming IMC Agrico. IMC Agrico assumed the reclamation responsibility for lands mined by both IMC Fertilizer and Agrico Mining Company. On August 7, 2000, IMC Agrico became IMC Phosphates Co. and assumed reclamation responsibility for the mines listed under IMC Agrico. In 2004, IMC Phosphates Company changed its name to Mosaic Phosphates Company. On July 29, 2005, Mosaic Phosphates Company became Mosaic Fertilizer, LLC.
12. NuGulf's Wingate Creek Mine was purchased by Cargill Fertilizer, Inc., in 2004. Later, that year, Cargill Fertilizer, Inc., transferred its reclamation obligations to Cargill Fertilizer, LLC. This company subsequently became Mosaic Fertilizer, LLC, on July 29, 2005.
13. Ownership of the CF Industries North Pasture, South Pasture and South Pasture Extension mines was transferred to Mosaic Fertilizer, LLC in 2014.
14. On January 1, 2018, The Potash Corporation of Saskatchewan (PCS) merged with Calgary-based Agrium to form Nutrien.