Appendix H-1: Permit History

Mosaic Fertilizer, LLC
Bartow Facility

Permit No.: 1050046-035-AV
Facility ID No.: 1050046

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type [1]
-001	No. 3 Fertilizer (DAP/MAP) Plant	AC53-5028	04/30/76	11/30/76	Construction
		AC53-5110	01/04/77	12/30/77	Construction
		AC53-6017	03/27/78	08/30/78	Construction
		AC53-42443	08/04/81	12/31/82	Construction
		AC53-169781	12/22/89	12/22/94	Construction
		1050046-008-AC/PSD-FL-255	04/21/99	12/31/02	Construction
		1050046-012-AC/PSD-FL-255	11/29/99	11/29/2004	Construction
		1050046-022-AC	08/08/05	08/03/06	Construction
		1050046-023-AC	07/21/08	12/31/12	Construction
		1050046-028-AC			Withdrawn
		1050046-029-AC/PSD-FL-255	5/25/11	5/25/12	Construction
		1050046-030-AC	4/5/11	12/31/12	Construction
		1050046-031-AC	10/10/11	12/31/14	Construction
		1050046-032-AC	8/18/11	8/18/11	Construction
-002	No. 4 Fertilizer Shipping Plant	AC53-36672	02/25/81	10/01/82	Construction
		AO53-167640	09/26/89	09/26/94	Operation
		AC53-239194	04/01/94	12/31/94	Construction
-004	No. 3 Fertilizer Shipping Plant	AO53-185367	09/18/90	09/18/95	Operation
		Amendment	10/13/93	09/18/95	Operation
		Amendment	11/04/94	09/18/95	Operation
		1050046-017-AC	02/12/03	11/01/05	Construction
		1050046-021-AC	11/16/04	11/16/09	Admin Correction
-010	No. 4 Phosphoric Acid Plant	AO53-167775	11/15/89	10/14/94	Operation
		Amendment	01/20/94	10/14/94	Operation
		AC53-253092	10/06/1994	12/15/96	Construction
		AC53-262532/	08/24/95	12/31/97	Construction

		PSD-FL-224			
		1050046-002-AC (Modification to AC53-262532)	01/11/96	01/11/01	Construction
		1050046-005-AC	04/01/97	04/01/02	Construction
		1050046-006-AC			Withdrawn
		1050046-009-AC	04/20/99	03/01/02	Construction
		1050046-010-AC			Withdrawn
		1050046-013-AC	10/13/00	05/31/02	Construction
		1050046-025-AC	12/28/08	12/31/10	Construction
-012, 032 & 033	Sulfuric Acid Plants 4, 6, & 5	AO53-167885	10/19/89	10/13/94	Operation
		Amendment	07/02/92	10/13/94	Operation
		AC53-216288/PSD-FL-191	01/05/92	01/01/94	Construction
		AO53-243295	05/10/94	05/09/99	Operation
		AC53-271436/PSD-FL-229 (1050046-001-AC)	11/16/95	10/31/98	Construction
-021	No. 4 Fertilizer (DAP) Plant	AC53-24460	07/03/80	12/31/82	Construction
		Amendment	11/17/82	12/31/82	Construction
		AO53-82350	09/21/84	09/14/89	Operation
		Amendment	05/10/88	09/14/89	Operation
		AO53-167639	11/16/89	10/17/94	Operation
		AC53-246403/PSD-FL-211	11/21/94	06/02/95	Construction
		1050046-004-AC (Extend exp. Date of AC53-246403)	06/15/95	06/15/00	Construction
		1050046-007-AC	09/17/98	06/01/00	Construction
		1050046-010-AC			Withdrawn
		1050046-011-AC			Withdrawn
		1050046-015-AC/PSD-FL-322	03/20/02	10/01/06	Construction
		1050046-020-AC	11/16/04	11/16/09	Admin Correction
-034 (Currently Inactive, No. 5 PAP is rolled into E.U. 010)	No. 5 Phosphoric Acid Plant	AC53-2650	07/22/75	02/15/77	Construction
		AC53-173936	04/03/90	09/01/90	Construction
		AO53-185774	11/09/90	11/09/95	Operation
		AO53-185774A	08/31/94	11/09/95	Operation
		AC53-262532/PSD-FL-224	08/24/95	12/3197	Construction

-045, 046, 047, 048, 049, 050	Molten Sulfur Unloading, Storage and Handling System	AC53-174175 AO53-188627 AC53-216256 AO53-188627A AC53-271436/PSD-FL-229 1050046-024-AC	08/17/90 01/17/91 08/28/92 12/22/93 11/16/95 01/08/09	01/01/91 01/18/96 08/25/93 01/18/96 10/31/98 12/31/10	Construction Operation Construction Operation Construction Construction
-051	Cleaver Brooks Package Watertube Boiler	AC53-221062 AO53-229393	03/18/93 04/26/93	06/30/93 04/21/98	Construction Operation
-054 (Currently Inactive)	Sulfuric Acid Plant	AC53-2584 AO53-6050 AC53-6458A AO53-17115 AO53-78016 AC53-85261 AO53-117930 AO53-198769	12/26/74 12/14/78 08/28/78 03/01/97 01/31/84 07/02/85 09/11/86 08/30/91	09/16/75 01/31/83 08/30/79 02/01/84 01/15/89 07/01/86 08/28/91 08/28/96	Construction Operation Construction Operation Operation Construction Operation Operation
-055 (Currently Inactive)	Steam Generator	AC53-234449 AO53-249982	12/09/93 06/24/94	11/09/94 06/20/99	Construction Operation
-056 (Currently Inactive)	Molten Sulfur Truck Pit	AC53-163740 AO53-173754	09/28/89 04/03/90	04/01/90 04/03/95	Construction Operation
-057 (Currently Inactive)	Molten Sulfur Tank North	AC53-163740 AO53-173754	09/28/89 04/03/90	04/01/90 04/03/95	Construction Operation
-058 (Currently Inactive)	Molten Sulfur Tank Southeast	AC53-163740 AO53-173754	09/28/89 04/03/90	04/01/90 04/03/95	Construction Operation
-059 (Currently Inactive)	Molten Sulfur Tank Southwest	AC53-163740 AO53-173754	09/28/89 04/03/90	04/01/90 04/03/95	Construction Operation
-060 (Currently Inactive)	Molten Sulfur Tank Middle	AC53-163740 AO53-173754	09/28/89 04/03/90	04/01/90 04/03/95	Construction Operation
073	NG fired 75 mmBtu/hr boiler at Greenbay	1050046-030-AC			
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-003-AV	10/06/98	10/06/2003	Title V: Initial

-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-014-AV	04/07/04	04/07/04	Title V Revision (Project 014 is incorporated in project 016)
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-016-AV	04/07/04	04/07/04	Title V: Revision (Project 016 incorporates project 014)
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-018-AV	09/28/05	09/27/10	Title V: Renewal
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-019-AV	11/16/04	11/16/09	Title V: Revision (Transfer of ownership)
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-026-AV	7/5/2011	7/5/2016	Title V: Revision (Included in project 027)
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-027-AV	7/5/2011	7/5/2016	Title V Renewal (Includes project 026)
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 074 - 078	Facility	1050046-033-AV	1/7/2012	7/5/2016	Title V Revision
-001, 002, 004, 010, 012, 021, 032, 033, 045, 046, 047, 050 – 052, 073 - 078	Facility	1050046-035-AV	Pending*	Pending*	Title V Revision

[1] Project Type (select one): Title V: Initial, Revision, Renewal, or Admin. Correction; Construction (new or mod.); or, Extension (AC only).

Notes:

1. All emission units construction and operation permit history are carried over for future reference.
2. Pending*: Dates will be inserted upon issuance

[electronic file name: H-1.doc]