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Date:

April 7, 2006

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19

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April 7, 2006

VIA OVERNIGHT DELIVERY VIA FACSIMILE 850.245.2303

Office of General Counsel Florida Department of Environmental Protection 3900 Commonwealth Boulevard Mail Station #35 Tallahassee, Florida 32399-3000

Attn: Lea Crandall, Agency Clerk

RE: Mosaic Fertilizer, LLC: Draft Permit No. 1050055-014-AV South Pierce Plant, 7450 Highway 630, Mulberry, FL

Request for an Extension of the Time in Which to File Petition for Hearing, Mediation or Alternate Remedies, or in the alternative, Petition for an Administrative Hearing

Office of General Counsel:

Mosaic Fertilizer, LLC ("Mosaic") requests from the Florida Department of Environmental Protection ("FDEP") a 45 day extension of the time in which to file a petition for an administrative hearing, mediation or alternate remedies with respect to the above referenced draft permit ("Draft Permit").

Mosaic received the original Draft Permit for the South Pierce Facility and the "Public Notice of Intent to Issue" from the FDEP on or around February 13, 2006. Mosaic subsequently requested an Extension of Time to file a Petition for Hearing on the Draft Permit, which was granted. On February 27, 2006 an Order was entered extending the time to file a Petition for Hearing to April 10, 2006. On March 22, 2006 Mosaic submitted written comments and requested permit revisions to FDEP. (See Exhibit 1 attached hereto and incorporated herein) Mosaic has not had adequate opportunity to discuss and resolve these comments with the FDEP. Mosaic seeks this extension so that it may have additional time to discuss the provisions of the Draft Permit and to resolve with FDEP the issues in the draft Permit.

While Mosaic is confident any issues can be resolved without the need for a formal proceeding, in order to fully protect and reserve its right to a hearing, mediation or other remedy, Mosaic requests this extension. Dean Ahrens, the Environmental Superintendent of the New Wales and South Pierce facilities has discussed this extension with Robert Bull of the FDEP.

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This request for extension was requested by Robert Bull of the FDEP. Therefore, Mosaic hereby requests an extension until May 15, 2006, or such other extension period FDEP deems adequate, to provide Mosaic adequate time to provide Mosaic and FDEP a reasonable opportunity to resolve the issues with respect to the Draft Permit.

In the event FDEP declines to grant Mosaic's extension request, Mosaic hereby petitions for an administrative hearing and provides FDEP the following pertinent information:

(a) The name, address, and telephone number of petitioner; the FDEP's identification number for the Agency action and the county in which the subject matter or activity is located:

Mosaic Fertilizer, LLC South Pierce Plant 7450 Highway 630 Mulberry, FL 33860

Draft Title V Air Operation Permit No. 1050055-014-AV Renewal of Title V Air Operation Permit Polk County, FL

763-577-2841 - office 309-453-1118 - cell

- (b) A statement of how and when each petitioner received notice of the Agency action Mosaic received notice via U.S. Mail on or around February 13, 2006.
- (c) A statement of how each petitioner's substantial interests are affected by the Agency action.

Mosaic's facility is the subject of the Draft Permit.

(d) A statement of the material facts disputed by petitioner, if any.

The Draft Permit contains conditions that are inconsistent with the intended operations and the application as described in Exhibit 1. Therefore, Mosaic desires the extension to resolve any issues and to resolve the material facts in dispute and wishes to work with FDEP on the Draft Permit's conditions accordingly.

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> (e) A statement of facts which petitioner contends warrant reversal or modification of the Agency action.

As explained in Exhibit 1, the Draft Permit conditions warrant reversal or modification at this time. The Draft Permit contains conditions that are inconsistent with the intended operations and the application. Therefore, Mosaic desires the extension to resolve the issues and wishes to work with FDEP on the Draft Permit's conditions accordingly.

(1) A statement of which rules or statutes petitioner contends require reversal or modification of the Agency action.

As explained in Exhibit 1, applicable rules and statutes require reversal or modification of the Draft Permit at this time. The Draft Permit contains conditions that are inconsistent with the intended operations and the application. Therefore, Mosaic desires the extension to resolve the issues and wishes to work with FDEP on the Draft Permit's conditions accordingly.

A statement of the relief sought by petitioner, stating precisely the action (g) petitioner wants the Department to take with respect to the Agency action.

As explained in Exhibit 1, Departmental action is required at this time. The Draft Permit contains conditions inconsistent with the intended operations and the application. Therefore, Mosaic desires the extension to resolve these issues and wishes to work with FDEP on the Draft Permit's conditions accordingly.

Mosaic thanks you for your consideration and continued cooperation. Please contact me with any questions or concerns.

Sincerely.

Mun M. Jaguella Diana M. Jagiella

DMJ/aml

Office of General Counsel April 7, 2006 Page 4

cc: Mr. Michael Cooke
Mr. Jeffery Koerner
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ms. Trina Vielhauer, Chief Bureau of Air Regulation Florida Department of Environmental Protection 2600 Blair Stone Road Tallahassee, Florida 32399-3000

Mr. Robert Bull Bureau of Air Regulation Florida Department of Environmental Protection 2600 Blair Stone Road, Mail Code 5505 Tallahassee, Florida 32399-3000

David Jellerson/Fert/Pierce, FL
Jeffrey Golwitzer/Fert/South Pierce, FL
Dean Ahrens/Fert/New Wales, FL
Dave Turley/Fert/New Wales, FL
Pradeep Raval, Koogler and Associates
Patricia Comer, Assistant General Counsel, Florida DEP

No.	Page, Section, Condition	Description of Permit Condition	Comment/Requested Revision
1	ii, toc	Table of contents	Does not list all attachments. All attachments should be listed as reflected on Exhibit 1 attached hereto.
2	1, c1	Cover Letter	Does not list all attachments. All attachments that are part of the permit should be listed. All documents on Exhibit 1 should be listed except those noted "for reference only".
3	5, II, 9	Permitted capacity is defined as 90-100% of operating rateOnce a unit is limited, operation at higher capacity is allowed for no more than 15 days until retest regains permitted capacity.	The Test period changed from 30 to 15 days. This timeframe is impossible to meet because of the 15 or 60 day prior notification requirements for testing. We request the test period be revised to 30 days.
4	5, II, 13	When appropriate, time specific requirements are based on the permit effective date which is day one. The Permitting note states: quarterly means calendar quarters and monthly means the beginning of each month.	Clarify reporting timeframe. The reference to the permit effective date creates ambiguity. The reporting requirement should be clearly based on calendar reporting for both monthly and quarterly reporting.
5		Insignificant Emissions Units and/or Activities	Restore condition 4 from prior permit stating list of Insignificant Emission Units and/or Activities is part of the Permit.
6		The prior permit, (pg. 7, Section II, Condition 14) provided retesting options to ensure the air pollution control or system were operating properly.	Need to include Conditions 14(c) and (d) from the prior permit. These conditions allowed the facility to re- establish scrubber parameter ranges retroactively by retesting within 30 days at the same conditions

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7		The prior permit, (pg. 7, Section II, Condition 14) provided, the drop shall not fall below, in the case of delta P < 5 inches of water, a change of 0.5 below the drop reported in the last satisfactory test.	reflecting a compliance exception to demonstrate compliance at those conditions. These conditions are not precluded by the NESHAP. Condition 14(b)(3) needs to be restored for the cases of +/-20% of low pressure drops. This condition recognizes control and measurement difficulties for drops of water less than 5 inches.
8	13,III,B.2	PTE Sulfuric Acid production	This condition should be stricken; it duplicates H.1.
9	16,III, B.22	Emission Standard testing	Reference B.3 and B.4
10	17, III, C	Phosphoric Acid Plant A and B	The permitting note states
		Trains	that the NESHAP takes
			precedence over NSPS
			except for BACT
			determinations which take
			precedence over both. This
			note should be clarified as it
		,	creates ambiguity. There
			are no BACT
			determinations at this
			facility which impose limits
			more stringent than the NESHAP. 40 CFR Part 63,
			Subpart AA is equivalent to
			BACT at this facility for
			Phosphoric Acid
			Manufacturing Plant Trains
			A and B. If this note is
			intended to refer to other
-			requirements, they should
			be clearly spelled out.
11	17, III, C.2	F 0.02 lb/ton P2O5; 1.11 lb/hr	The maximum production
			rate of 50 tons P2O5 per
			hour should be removed.
			Production fluctuates based
			on recovery and should not
			be limited in the permit.
1			The limit is based on P2O5
L	<u> </u>	L	input which defines

			
			capacity. The production rate limit would constitute an inappropriate and indirect limit.
			Strike the last sentence in footnote(2) which restates
1			that fluoride emissions shall not exceed .02 pounds per
		·	ton. It is unnecessary, as it
			is a restatement of condition C.2.
12	18, III, C.5	Required prior test notification per 40 CFR §63.9	This replaces the 15 day notification. 40 CFR §63.9
	28, III, E.10	,	covers Title V test
	39, III, F.11	•	notifications. The permit should read "60 day prior
			written notification of a performance test shall be
			provided, including, if required, the site specific
			test plan. [40 CFR §63.9(e);
			40 CFR §63.7(c)]."
	·		The permit should lay out specific requirements and
		,	not just cite applicable
			regulations. This comment applies to the overall draft permit.
13	18, III, C.6	Test for: F annually	Strike reference to
	·		§63.7(a)(2) – this refers to the initial test which is no
			longer an applicable requirement.
			The permit should read "An
			annual performance test shall be conducted to
			demonstrate compliance with the applicable emission
			standard"
			Strike references to "new"
			equipment which isn't applicable, and to non

			existent equipment or processes – specifically, the superphosphoric acid process line, rock dryer, and rock calciner.
			The Sub Part A section reference is unclear. The permit should read "The performance test shall be conducted according to the
		·	procedures in C.7."
14	18, III, C.7	Test for fluorides	In C.7, E.13 and F.10 strike
	29,III,E.13		reference to "new" equipment which isn't applicable. In C.7 strike
	37,III,F.10		reference to
			superphosphoric line which does not exist. In E.13 strike reference to DAP and
			MAP reference. In F.10 changre reference to F.3.
			The permit should read "The performance tests shall be conducted according to the reference methods and procedures specified in C.14 (or E.18)."
			The last introductory sentence should read "Compliance with the
			fluoride standards in C.2 (or E.3) shall be determined as follows:"
15	18, III, C.7(1)	Determine lb F/ton P2O5	Please rewrite the formula
	29, III, E.13(1)		to recognize there is only one emission point. As written, the formula contemplates multiple emission points.
16	19,III,C.7,C.8,	References to Scrubber Flow,	References to Scrubber
	C.10,C.12,C.1 4,C.16	Pressure Drop and Amps	pressure drops, flow and amps should include the options under the ASPs.

		<u></u>	,
	40,III,F.19(1)		calciners, equipment that is not present at the facility.
	·		In Section E, reference E.13 not 63.626(c)(4) and strike
			(d)(4) as this applies to the storage buildings and is covered in Section F. In
			Section F, reference F.10, not 63.626(c)(4).
	,		Put regulatory citations in parentheticals.
			See Comment 6 regarding old II.14(b)3 condition about low pressure drops.
26	21, III, C.14(2)	Scrubber ranges based on previous tests	In Section C, reference C.7. Strike (d)(4) and (e)(2) as they apply to rock dryers
	31, III, E.18(2)		and rock calciners, equipment that is not
	40,III, F.19(2)		present at the facility. Change the reference to §63.604 to C.16.
			In Section E, reference E.13 and in Section F, reference F.10, not 63.606(c)(4) and
	-		strike (d)(4). In Section E, change the reference from 63.624 to E.4 and in Section
			F change the reference from 63.624 to F.7.
			Regulations should be cited in parentheticals.
27	22, III, C.15	Calciner/dryer feed record	Strike – this equipment does not exist.
28	22, III, C.16	Scrubber daily averages	Change the references from regulatory citations to the
			relevant conditions and cite
			the regulations in parentheticals. Specifically,
			change the reference to \$\\$63.7 and 63.606 to C.7,
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

			and the reference to §63.605 to C.14.
29	22, III, C.17	Calibrate, maintain, and operate a device to monitor feed +/- 5%	Strike "new" and superphosphoric line, rock dryer and rock calciner. No new equipment is present and the other equipment does not exist.
30	22, III, C.18 and C.19	Maintain daily record of p2O5 feed	C. 18 and C. 19 should be combined to be one condition, not two. The revised single condition should list as regulatory references the provisions in Part 60 and 63 rather than having 2 conditions.
			In addition, change the references from regulatory citations to the relevant conditions and cite the regulations in parentheticals.
			The permit should read "A daily record shall be maintained using a monitoring system that meets the requirements of C.17 and then by proceeding according to C.7(3).
31	22, III, C.20 32, III,E.21	Comply with 63.10 recordkeeping requirements	Condition 20 (and E.21 and F.12) which provides "Each owner or operatorshall
	39, III,F.12		comply with the recordkeeping requirements in §63.10" should be
			Specific applicable requirements from §63.10 should be listed. This is
32	23, III,	Performance test report	done in C.21 (and E.22 and F.13) so C.20 (and E.21 and F.12) is superfluous and should be stricken. The reference to initial

	C.21(1)		testing requirements should be stricken. Strike
	32, III,E.22(1)		references to "as required by §63.10."
	39, III,		
	F.13(1)	·	C.21.(1) should read "The
			results of the annual performance tests shall be
			reported within 45 days."
			Note: The 45 day rule
			under Florida regulations
			supercedes the 60 day NESHAP Subpart A.
		÷	TUDSTIAL Subpatt A.
			The regulatory citations
		·	should be listed at the end in
33	23, III,	Excess emission report	parentheticals. Strike references to "as
33	C.21(2)	(exceedances)	required by §63.10."
	0.21(2)	(6.102.5)	Specific applicable
	32,III,E.22(2)		requirements from §63.10
	39,III, F.13(2)		should be listed.
34	23, III, C.22	Applicable parts of subpart A	This condition should be
			deleted. It's unclear that is
	33,III,E.25		sets forth compliance
	41, III, F.21		requirements not already referenced elsewhere in the
	41, 111, F.21		permit. If it imposes
			additional obligations not
			already referenced in the
			permit, these should be
	1		specified.
	·		40 CFR Parts 61 and 63 are
			listed in permit cover letter
		·	but not listed in the table of contents and are not
			included.
35	23, III, C.23	Reference to requirements	Reference made to BB
		applicable to Phosphoric Acid	should be AA.
36	23, III, C.23	plants Subpart AA and appendix A and	Specify as conditions the
00	23, 111, 0.23	CP-1 apply, updates also apply –	applicable requirements:
	33,III, E.27	restricted to establishing operating	such as ssm plan, etc.
		parameters	

41, III, F.23 Strike the pelanguage. A be modified changes abs	
be modified	
1 1	
changes abs	
	ent inclusion in
i I '	modification of
the permit.	
37 23, III, Applicable parts of subpart A and Strike this co	ondition, it is a
C.23(2) AA are applicable duplicate sp	ecification.
	ly explained,
C.23(3) for establishing ranges expand this	· · · ·
provision for	
	e for the period
of test without	•
41, III, exception.	at bonng an
F.23(3)	
	ondition, it is a
	ecification. (See
	,
	27(1);F.23(1)).
33,III,E.27(5)	
14 77 22 (5)	
41,III,23(5)	
	ondition, it is a
	ecification. (See
	27(1); F.23(1).
33,III,E.27(6)	
41,III,F.23(6)	
41 23, III, Dept has 30 day review of new See Comme	nt 6. As
C.23(7) allowable ranges previously e	xplained, the
ability to re-	establish ranges
33,III,E.27(7) needs to be a	added back here
in some form	
42,III,F.23(5)	
42 24, III, C.26 All reasonable precautions shall be Add "Not fe	ederally
	" notation back.
generation of fugitive fluoride	
	what FDEP
considers re	
precautions	1
examples.	Uy Way Ui
	ondition– this is
1 1 1 1	
	MACT reporting
	s (see E.22(2)
for excess en	
	The citation to
the Florida.	regulation can be

			added in parentheticals to E.22.
44	29, III, E.11	Test for: PM, F, VE annually	Strike reference to §63.630 — this refers to the initial test which is no longer an applicable requirement. Also strike reference to storage building which is covered in F.
			The permit should read "An annual performance test shall be conducted to demonstrate compliance with the applicable emission standard referenced in E.3,E.5 and E.6"
45	32, III, E.19 and E.20	Daily – feed P2O5 (as production and P2O5 analysis)	Strike E.19. 40 CFR 60.203(b) applies to Phosphoric Acid plants not GTSP lines.
			In E.20 strike "the owner or operator is subject to the requirements of 40 CFR 60.203(b)". This regulation applies to Phosphoric Acid plants not GTSP lines. Also strike the reference to this regulation in the parenthetical.
-			In E.20, the language should read "using a monitoring system for measuring mass flow rate which shall have an accuracy of +/- 5% over its operating range and then by proceeding in accordance with E.13(3).
			Further, please note, the GTSP line at this facility is a pre-NSPS source and therefore, NSPS does not

			apply.
46	33, III, E.26	Administrator retains approval test	Strike this condition. The
70	55, 111, 15.20	plans	storage buildings are
		platis	addressed in Section F. This
			is an unnecessary and
		,	potentially confusing
			condition.
47	33, ПІ,	Applicable parts of subpart A and	Strike – duplicate
4/		BB are applicable	specification
	E.27(2)	BB are applicable	specification
}	41,III,F.23(2)		}
48	34, III, E.28	Dap/map process line	Strike not applicable
49		Equivalent P2O5 stored	Strike - not applicable
	34, III, E.28	 	Strike - not applicable
50	34, III, E.28	Fresh GTSP	Strike - not applicable
51	34, III, E.28	Research and development facility	Strike - not applicable
52	34, III, E.29	CAM plan	Add clarification of what
			events constitute an
			exceedance versus and an
	,		excursion. This information
i	,		is necessary to properly
			complete the annual
50	27 III E 0	C 1 4 C	statement of compliance.
53	37, III, F.9	Conduct performance test for a	Strike – performance tests
F.4	07 111	new DAP or MAP line	are covered in F.8
54	37, III,	Use 40 CFR Part 60 appendix as	(2) can be stricken as it
j .	F.10(2)	performance test methods as per	restates the introduction in
	20 HI D16	§63.7	F.10.
55	39, III, F.15	Install, calibrate, maintain, operate	Revise this is in conflict
		devices to monitor fan amps in	with F.7. Strike last
		lieu of scrubber delta P	sentence which provides fan
			amps as alternate indicator
		·	of pressure drops. This is covered under ASP 05-L-
			AP
56	41 HI E 200	XXX-1-list community for each complete or	<u> </u>
56	41, III, F.20a	Weekly – amps for each scrubber	Strike, see F.7. This has
67	42 III E 24	definitions	been superceded.
57	42, III, F.24	definitions	Strike DAP/MAP reference. Provide basis to include
50	42 TH F 24	DAD/MAD process line	research and development.
58 59	42, III, F.24	DAP/MAP process line Equivalent P2O5 feed	Strike - not applicable Strike - not applicable
60	42, III, F.24 42, III, F.24	GTSP process line	
61	<u> </u>	Research and development facility	Strike - not applicable Strike - not applicable
	42, III, F.24	Molten sulfur unloading	·
62	46,III,H	I wonen suitui umoading	Stike reference to rail
62	47 111 11 2) () () () () () () () () () (unloading.
63	47, III, H.2	Molten sulfur transfer op = 8760	Strike – see condition II.11

	1	hours	T .
64	47,Ⅲ,H.9	Areas surrounding Molten sulfur pipes	Delete reference to railcars.
65	48, III, H.12	Objectionable odor prohibited	Strike – condition II.2. This is not federally enforceable. If the condition remains it should be noted as, Non-Federally Enforceable.
66	48, III, H.15	Test Method(s): 9 – 60 min specified	Change 60 back to 30 minutes as in 008 and H.18. Reference H.3 and VE observations should be for 30 minutes same as in H.18.
67	49, III, H.17	Test method 9 for J.7(?)	Strike – same as H.15 or at a minimum change reference to H.3.
68	49, III, H.18	Test method(s): 9 – 30 min specified	Combine H.15, H.17 and H.18. Specify 30 minutes
69	49, III, H.20	Retain spill records for 5 yrs	Strike – condition II.1, TV-1 43. Change reference to H.1,H.2 and H.11.
70	50, III, H.24	Retain spill records for 5 yrs	Strike – condition II.1, TV-1
71	50, III, H.25	Minimize emissions per Sulfur Rule	Strike – included in H.8-11 and H.22-24
72	EU023, 6, 1	indicator 1/2: min and max 1=fan amps; 2=liquid flow	This needs to be clarified - is the tailgas to be based on fan amps or pressure drop?
73	EU023, 6, 2	excursion = 1 hour average	Exceedance averaging time is not defined. It is unclear if an excursion is an exception to the TV permit and therefore reportable in the annual compliance statement. Language in E.29 reads "Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation." Which suggest this not reportable in the annual statement. See discussion below regarding 1 hour

			excursion reporting for purposes of the annual compliance statement.
74	EU023, 2	tailgas scrubber - 4.6 to 10.2 in hoh	This should be amp for two fans
75	EU023, 6, 5	averaging period = 1 hour	Based on prior discussions, and the facility request in its original CAM the exceedance averaging period should be 3hrs.

EXHIBIT 1

IV. Appendices and Attachments (listed in sequence as attached)

Attachment A, Memorandum of Understanding Regarding Best Operational

Start-Up Practices for Sulfuric Acid Plants

Appendix I-1, List of Insignificant Emissions Units and/or Activities

Appendix U-1, List of Unregulated Emissions Units and/or Activities

Appendix TV-1, Title V Conditions

Appendix SS-1, Stack Sampling Facilities

Appendix A-1, Abbreviations, Definitions, Citations, and ID Numbers (For reference only)

Appendix H-1, Permit History/ID Number Transfers (For reference only)

Figure 1 – Summary Report – Excess Emissions and Monitoring System Performance

Table 297.310-1 Calibration Schedule

Table 1-1, Summary of Air Pollutant Standards and Terms (For reference only)

Table 2-1, Summary of Compliance Requirements (For reference only)

40 CFR Part 61, Subpart A (General Provisions) and Subpart R (Radon Emissions from Phosphogypsum Stacks)

40 CFR Part 63, Subparts A (General Provisions) and Subparts AA and BB

Compliance Assurance Monitoring (CAM) Plan

Compliance Plan CP-1

Alternate Sampling Plans, approved 10/19/05 and 12/20/05, ASP 05-5-AP and ASP 05-L-AP