



Indiana Fertilizer Advisory Board

IC 15-16-2-25

Meeting Minutes



Location of meeting:

Ball State Alumni Center
2800 W. Bethel Ave Muncie, Indiana 47304

Date and Time:

July 24, 2017 9:30 am

Board Members Present:

Dr. Amy Gregg
John Freeland
Doug Anderson
Joe Miller
Joe Russell (chair)
Jeffrey Cummins*
Mark Shublak*
Matt Pearson*
Julia Wickard*

Others in attendance:

Dr. Robert Waltz
Danny Starke
Trish Dunn
Barbra Sha Cox

* indicates nonvoting member

With 5 of the 9 voting board members in attendance a quorum, IC 15-16-2-29, was present and an official meeting was held.

- 1) Meeting called to order at 9:30 by chairman Russell.
- 2) Motion to approve the agenda: Freeland, seconded by Miller. Motion carries.
- 3) Motion to approve the minutes from 12/20/16 meeting: Freeland, seconded by Anderson. Motion carries.
- 4) Introduction were made around the room. New board members, Julia Wickard – IDEM representative and Jeffrey Cummins – ISDA representative, were welcomed.
- 5) OISC Fertilizer update:
- 6) Pearson provided a legislative update with an overview of the 2 law changes:
 - a) P.L. 143-17 amended IC 15-16-1 Chapter 1. Agricultural Ammonia to clarify OISC's authority to regulate not only distribution sites but also storage sites.
 - b) P.L. 144-17 amended IC 15-16-2 Chapter 2. Commercial Fertilizers to allow for OISC to develop rules and fees for the distribution of processed manure based commercial fertilizer.
 - c) Russell asked if there were any legislative summer study committees.
 - i) Shublak informed the group that Senator Long asked for a Confined Feeding study.
- 7) Rule update:
 - a) A working group was formed to develop the processed manure rules. More information will be available as they proceed.

- b) The working group has finished the anhydrous ammonia rules and it appears to be ready for promulgation.
 - i) Need to make updates to stay current with Federal standards.
 - ii) Safety is the driving factor in all of the changes.
 - iii) Estimated cost to upgrade from a minimally compliant facility is \$8,500.
 - iv) Rules will allow a 4-year effective date allowing for time to budget the improvements.
 - (1) Miller inquired about the recent tonnage of agricultural ammonia. See attached
 - (2) Anderson asked if the rules have provisions for the safe transport of nurse tanks.
 - c) Pearson added that in the future the bulk storage rules will need to be amended and that he would like to pursue making it required that those who use ammonia to be certified.
- 8) Dunn provided an update of her 2017 cases:
- a) Total Fertilizer Cases = 45
 - i) Licensing = 13; CFO Unlicensed Referrals = 8; Unlicensed = 1; Expired License = 4
 - b) Use = 32
 - i) Staging = 10; Application = 22; Application Plan = 0;
 - c) Containment = 1
 - d) Trish and others continue to provide outreach when and where possible.
- 9) Barbra Sha Cox commented that the staging of manure in her area is better. There is still confusion on which agency to contact, IDEM or OISC, when it comes to manure complaints from a CFO and she would like to see some mechanism in place for complaints to be investigated on weekends.
- 10) Fertilizer industry updates:
- a) Pearson provided an overview of the fertilizer products registered. See attached
 - i) Many products provide micronutrients only.
 - ii) Many products also contain microbials.
 - b) Gregg explained how her Natural Resources and Environmental Management department incorporates agriculture into the curriculum.
 - c) Shublak discussed the topic of encroachment and CFO's and some existing statutes that were put in place for the mining industry where if less than a specific number of homes were within a given distance then the mineral rights may be exploited. He also discussed the continued efforts in supporting the 4-R's and other stewardship programs.
 - d) Waltz mentioned that Dr. Ron Turco has been appointed department head for Agronomy
 - e) Cummins mentioned that Ted McKinney has been appointed U.S. Department of Agriculture's Undersecretary for Trade and Foreign Agricultural Affairs.
- 11) With nothing further to discuss the meeting was adjourned at 11:29am.

Next meeting will be planned for December 2017.

Respectfully submitted

Matthew E. Pearson- Fertilizer Administrator and FAB secretary

Additional information referenced in the minutes above:

Nitrogen Tonnage:

Year	Reporting Period	28%	NH ₃	urea	32%
2010	1st	166,771.71	79,854.58	18,126.62	10,594.63
2010	2nd	139,434.76	48,026.28	8,686.48	7,308.70
2011	1st	448,293.18	221,651.58	75,071.99	62,221.66
2011	2nd	172,852.51	65,409.10	11,104.31	15,823.75
2012	1st	508,235.76	290,400.39	91,512.81	79,311.31
2012	2nd	123,206.63	40,035.80	7,370.83	11,055.19
2013	1st	502,829.75	251,739.74	84,868.77	71,742.34
2013	2nd	124,318.06	40,579.62	11,486.86	19,352.56
2014	1st	528,673.38	261,428.40	96,892.14	79,058.32
2014	2nd	105,669.51	19,400.80	8,162.18	16,962.08
2015	1st	409,380.66	199,001.88	91,452.87	73,712.37
2015	2nd	141,981.31	38,703.53	21,212.36	20,510.77

Yearly Nitrogen Tonnage:

Year	28%	nh3	urea	32%
2010	306,206.47	127,880.86	26,813.10	17,903.33
2011	621,145.69	287,060.68	86,176.30	78,045.41
2012	631442.39	330436.19	98883.64	90366.5
2013	627147.81	292319.36	96355.63	91094.9
2014	634342.89	280829.2	105054.32	96020.4
2015	551361.97	237705.41	112665.23	94223.14

2017 Fertilizer Product Registration Overview:

- 679 different companies registering 9,822 products.
- 7,698 products distributed in packages greater than 12 pounds or in bulk
- 2,124 products distributed in packages 12 pounds or less.
- 837 fertilizer products that also contain pesticides.
- Increase in specialty fertilizers:
 - 922 (12%) Large package products have no N-P-K
 - 165 (8%) Small package products have no N-P-K
 - 30% of the Large package products have a Grade that adds up to 10 (N+P+K<10)
 - 52 % of the Small package products have a Grade that adds up to 10 (N+P+K<10)
- Spring Sample Summary:
 - 1,569 samples collected
 - 145 (9.24%) failed
 - Soluble Potash had the highest deficiency rate (79 of 665 samples [10.6%] failed)