



Eric J. Holcomb, Governor
Bret D. Marsh, DVM, State Veterinarian

INDIANA STATE BOARD OF ANIMAL HEALTH

Office of the State Veterinarian
Discovery Hall, Suite 100
1202 East 38th Street
Indianapolis, IN 46205-2898
Phone: 317/544-2400

INDIANA STATE BOARD OF ANIMAL HEALTH
MEETING

The Indiana State Board of Animal Health (BOAH) will hold a special meeting at **9:30 a.m. on Tuesday, August 23, 2022** at the Board of Animal Health office on the Indiana State Fairgrounds at Discovery Hall, Suite 100, 1202 E. 38th Street, Indianapolis, IN 46205.

MEETING AGENDA

1. Approval of minutes of the previous quarterly meeting: July 12, 2022.
2. Animal Disease Diagnostic Laboratory (ADDL) Report
 - a. Consideration of the ADDL biennial budget request. IC 21-46-3-5 and IC 21-45-3-6.
3. Other Business:
 - a. State Veterinarian's Report; Bret D. Marsh, D.V.M., Indiana State Veterinarian

Cc: Lt. Governor's Office, Attorney General's Office, Media, USDA-AVIC, BOAH Cabinet Members

Indiana State Board of Animal Health
Meeting Minutes
July 12, 2022

The Indiana State Board of Animal Health (BOAH) held its regular quarterly meeting on Tuesday, July 12, 2022. The meeting was held at the Board of Animal Health office at Discovery Hall, Suite 100, 1202 E 38th Street, Indianapolis. Board members participated by attending in-person and electronically via Microsoft Teams video and audio conference.

Chairperson Dr. William Doig called the meeting to order at 9:30 a.m. and conducted a roll call of the board members.

Members Participating: William Doig, DVM, Chairperson; attended in-person
Julie Davis, DVM, Vice Chairperson; attended in-person
Mr. David Hardin; attended in-person
Greg Hoagland, DVM; attended in-person
Mr. Ty Harweger; attended in-person
Mr. Keith Beer; attended in-person
Mr. Tim Rice; attended in-person
Amy Lanum, DVM; attended electronically
Mr. Kraig Bowers, attended in-person

Members Absent: Mr. Rick Davis

Vacant Position: Member representing the Purdue College of Veterinary Medicine

BOAH Staff Participating:

Bret D. Marsh, DVM, State Veterinarian
Mr. Gary Haynes, Chief of Staff
Mrs. Denise Derrer, Public Information Officer
Mrs. Sarah Simpson, General Counsel
Marianne Ash, DVM, MVPH, DACVPM, FNAP, Director, Animal Programs Department
Maria Cooper, DVM, Deputy Director, Animal Programs Department
Kyle Shipman, DVM, Field Operations Director, Animal Programs Department
Kelli Werling, DVM, Swine Health Director, Animal Programs Department
Patrick Hash, BOAH, Director, Dairy Department
Luke Pfanstiel, BOAH Governor's Summer Intern
Erica Long, BOAH Governor's Summer Intern

Chairperson Dr. Bill Doig proceeded with the posted agenda. (Exhibit 1)
A roll call of the Board members was taken. Dr. Amy Lanum and Mr. Ty Harweger were absent at the start of the meeting, but joined the meeting at a later time.

Recognition of BOAH Employee's Years of Service

State Veterinarian Dr. Bret Marsh recognized the following BOAH employees for years of service to the State of Indiana:

Angela Buckland, 5 years
James Wells, 15 years
Elmer Clancy, 15 years
Randy Evans, 20 years
Dr. Marianne Ash, 20 years
Terri Jarboe, 35 years

First Order of Business - Approval of Minutes

Dr. William Doig asked the Board to approve the minutes from the April 12, 2022 quarterly meeting. Mr. David Hardin made a motion – MOTION – “I move to approve the minutes of the April 12, 2022 meeting.” Dr. Julie Davis seconded the motion. The Board approved the MOTION by a VOTE of 7-0. (Exhibit 2)

Board member Mr. Ty Harweger joined the meeting.

Second Order of Business – Public Hearing – Proposed rule Concerning – reportable diseases in birds (Egg Drop Syndrome Virus) - LSA Document #22-127 (Exhibit 3)

Chairperson Doig opened the public hearing.

General Counsel Sarah Simpson presented the proposed rule changes and directed the Board's attention to the written comments submitted by the Indiana State Poultry Association (ISPA) and the Indiana Aquaculture Association, Inc. There were no oral comments during the public hearing.

Chairperson Doig closed the public hearing.

Third Order of Business – Consideration for Final Adoption – Proposed rule Concerning – reportable diseases in birds (Egg Drop Syndrome Virus) - LSA Document #22-127 – (Exhibit 3)

The Board members asked questions and discussed the proposed changes, including amending the final rule to include Tilapia Lake Virus on the list of reportable diseases as requested by the Indiana Aquaculture Association, Inc.

Dr. Julie Davis made a motion – MOTION – “I move that the proposed final rule be amended to add Tilapia Lake Virus on the list of reportable diseases.” Dr. Greg Hoagland seconded the motion. The Board approved the MOTION by a VOTE of 8-0.

Dr. Julie Davis made a motion – MOTION – “I move that the amended proposed final rule be approved.” Mr. Tim Rice seconded the motion. The Board approved the MOTION by a VOTE of 8-0.

Fourth Order of Business – Consideration for Final Adoption – Readopting Expiring Rules - LSA Document #22-146 – (Exhibit 4)

General Counsel Sarah Simpson explained the process for readopting rules that are expiring.

Dr. Julie Davis made a motion – MOTION – “I move that the Readopted Final Rule be approved.” Mr. Tim Rice seconded the motion. The Board approved the MOTION by a VOTE of 8-0.

Fifth Order of Business – Consideration for Publication – Proposed Rule governing milk sanitation - LSA Document #22-232 – (Exhibit 5)

General Counsel Sarah Simpson presented the proposed rule changes.

BOAH Dairy Department Director Patrick Hash discussed the proposed changes and ongoing efforts to solicit feedback on the proposed changes. Mr. Hash reported that the BOAH Dairy Department was going to conduct a survey of milk producers to determine the potential impact of the proposed rule and that he recommended the Board wait until after the survey is completed to take any action on the proposed rule.

Kraig Bowers made a motion – MOTION – “I move that the Proposed Rule be tabled.” Mr. David Hardin seconded the motion. The Board approved the MOTION by a VOTE of 8-0.

Board member Dr. Amy Lanum joined the meeting.

Sixth Order of Business – Animal Disease Diagnostic Laboratory (ADDL) report

Kenitra Hendrix, DVM, PhD, DACVM, Director, Purdue ADDL, updated the Board on ADDL activity, including changes in business processes and personnel. (Exhibit 6)

Chairperson Doig and State Veterinarian Dr. Marsh explained that the ADDL 2024 – 2025 biennial budget request was in development and by statute will come to the Board of Animal Health for consideration. Due to the timelines for submitting proposed budgets to the Purdue Treasurer and the State Budget Agency, it will be necessary to call a special meeting of the Board of Animal Health in August for this purpose.

Seventh Order of Business – Technical Services

a. Public Information Report (Exhibit 7)

Ms. Denise Derrer reported on agency public information activity.

b. Chief of Staff Report. (Exhibit 8)

Mr. Gary Haynes updated the Board on the State fiscal year 2022 close, the initiation of the biennial budget development process and current challenges in filling meat and poultry inspection positions.

Eight Order of Business – Animal Programs (Exhibit 9)

- a. Avian Health report - Dr. Kyle Shipman presented information on highly pathogenic avian influenza (HPAI) in Asia, Europe and detections in domestic and wild birds in the United States. Dr. Shipman updated the Board on the status of premises in Indiana quarantined because of HPAI detections and industry, BOAH and USDA efforts to eradicate the virus. Dr. Shipman reported that the current projection is that BOAH can declare Indiana HPAI free in domestic poultry on July 21, 2022.
- b. Avian Health report – Dr. Maria Cooper updated the Board on an outbreak of Egg Drop Syndrome virus (EDSV) in poultry in Northeast Indiana. Dr. Cooper described the agency’s efforts to assist the poultry industry in addressing the outbreak. Dr. Cooper discussed USDA’s recent approval that will allow use of a EDSV vaccine from Europe in production systems in Indiana that have been impacted by EDSV.
- c. Swine Health report – Dr. Kelli Werling updated the Board on the status of African Swine Fever (ASF) in the world and BOAH’s ongoing efforts to prepare for an outbreak of ASF. Dr. Werling updated the Board on the initiative to create a national Swine Health Improvement Plan (SHIP) and the status of BOAH’s effort to start the program in Indiana.
- d. Biodefense & Disease Preparedness – Dr. Maria Cooper directed the board to the written report for additional information on Animal Programs Department activity.
- e. Compliance report (Exhibit 10) – Hannah Fisher reported on animal welfare investigations involving BOAH during the quarter.
- f. Animal Programs Division – Dr. Marianne Ash reported that she will be retiring from BOAH at the end of July 2022 after 20 years of service. Dr. Ash expressed her appreciation for the BOAH staff and the animal agriculture industry in Indiana.

Ninth Order of Business – Food Safety

- a. Dr. Bret Marsh reported on Meat and Poultry Inspection program activities. Department Director Dr. Kerri Suhr was attending a national conference. Board members asked questions regarding staffing for the Meat and Poultry Department, the ongoing increase in activity at state inspected meat plants, and the number of new state-inspected plants that have recently started and that are expected to start in the near future. (Exhibit 11)
- b. Patrick Hash reported on Dairy Division activity. Dr. Bret Marsh directed the Board’s attention to a letter from the U.S. Food and Drug Administration reporting the results of a federal triennial state program evaluation that concluded:

“This evaluation report is an acknowledgement that the Indiana State Board of Animal health is a model NCIMS participant that reflects the principals and the essence of the cooperative nature of the NCIMS. This is largely due to the commitment of the board of Animal Health and the dedication of your agency and staff toward the success of their public health mission.”. (Exhibit 12).

Tenth Order of Business – Other Business

- a. State Veterinarian's report, Dr. Bret Marsh (Exhibit 13)

Dr. Marsh presented his Quarterly Report to the Board.

Dr. Marsh discussed the biennial budget development process for the Animal Disease Diagnostic Laboratory at Purdue University (ADDL), changes in testing activity at the ADDL, and an outside review of the ADDL currently underway by a contractor procured by Purdue University.

- b. Date of Next Meeting

The Board set the date for a special meeting to be held on August 23, 2022 at 9:30 a.m.

The Board set the date for the next regular meeting to be October 4, 2022 at 9:30 a.m.

Chairperson Dr. William Doig adjourned the meeting at 11:50 a.m.

William Doig, D.V.M., Chairperson

Bret D. Marsh, D.V.M.
Indiana State Veterinarian
Secretary

Indiana Animal Disease Diagnostic Laboratory (ADDL)

Line Item Budget Narrative: 2022-2025

Program History or Purpose

The ADDL opened in 1912, and was later established under state law in Section 1, Chapter 68 of the Act of 1945 by the Indiana Legislature as critical infrastructure. A second laboratory facility (Heeke) was built in Dubois county in southern Indiana in 1969 for poultry diagnostics and was expanded to offer diagnostic services for mammalian species in the mid-1970s. The ADDL serves as an insurance policy for the State of Indiana, poised and ready to respond in case of a high-consequence disease outbreak or other regulatory disease concerns. Routine diagnostic testing for companion animals, production animals, laboratory animals, zoo animals and wildlife make up the day-to-day workload of the ADDL and sustain our existence apart from disease outbreaks. The ADDL is a member of the USDA National Animal Health Laboratory Network (NAHLN) and the FDA Veterinary Laboratory Information Network (Vet-LIRN), serving animal health and food safety interests at the national level.

Program Impact

Historically, this laboratory has led the diagnostics for Indiana for high profile infectious diseases such as Hog Cholera (1912-1978), Brucellosis (eradicated in 1992), and Pseudorabies (eradicated in 2000). All three of these diseases posed major health and economic impacts on the livestock and producers of Indiana. More recently, the ADDL served as the primary testing laboratory in Indiana for Highly Pathogenic Avian Influenza (2015, 2016, and 2022), Porcine Enteric Coronaviruses (PED and PDCoV, 2013-present), and SARS-CoV2 (2000-present). Rabbit hemorrhagic disease, a foreign animal disease, was detected at the Heeke laboratory in 2005. As a NAHLN laboratory the ADDL is prepared and certified to perform high-volume testing for pathogens of national interest, such as African Swine Fever, should the need arise.

Accomplishments in 2021-23

As we remained poised and ready to offer routine testing and respond to cases of a high-consequence disease outbreak or other regulatory disease concerns, we would like to mention the following accomplishments:

- The ADDL provided COVID-19 PCR testing services for the Purdue campus for symptomatic and surveillance testing in order to keep the university open. Additionally, the ADDL implemented COVID-19 sequencing to track variants of the virus on campus to guide university leadership on campus management decisions.
- The ADDL was the first state laboratory activated in the 2022 Avian Influenza outbreak, and has provided testing services at the state and national level consistently for 5 months. This testing allowed for Indiana's poultry companies to maintain continuity of business.
- Strategic adjustments to over 146 test fees and implementation of 54 new tests over the past 3 years in response to client needs.

Goals for 2023-25

State support allows the ADDL to remain a full-service diagnostic testing laboratory and helps keep fees for services at an affordable and cost-effective level for Indiana livestock owners. The ADDL must be able to hire and retain highly trained, motivated personnel; purchase state-of-the-art equipment; and maintain and modernize our facilities.

FY 2023-25 Appropriation Request

1. **Addressing staff wages:** Recruitment and Retention of highly qualified and trained employees is critical in positioning the ADDL to respond to critical testing needs during a high-consequence disease outbreak and our ability to expand testing services. ADDL has been experiencing a high level

of turnover with 49.86% of ADDL staff exiting between June 2021 and May 2022. Based on exit interviews, this has largely been due to low wages. With salary and fringe making up more than 2/3rds of operating expenses, there is a critical need for increased state support.

- Purdue mandates merit increases annually that must be funded by ADDL's operating budget. Therefore, we are requesting recurring incremental funding from the State for the merit projected to be 3% in each FY24 and FY25 and estimated to grow incrementally at \$115,244 and \$126,866, respectively.
 - We are requesting \$300,662 in recurring funding support in response to the market driven wage increases that were implemented in May 2022 to address the significant concerns with staff recruitment and retention. Purdue has agreed to provide bridge funding for this expense in FY23 contingent on the unit experiencing a resulting deficit.
2. **New positions:** Four new FTE being requested to address caseload growth, support the growing demand for PCR testing, and avoid the risk of delays and interruption in service:
- Microbiologist Faculty position to serve as section head for bacteriology and parasitology to allow for the director to focus on leadership of the lab. (\$150,000 recurring)
 - An IT systems manager position to address LIMS system deficiencies (\$117,900 recurring)
 - Clinical client services veterinarians (2 FTE) to serve as case coordinators and client liaisons. One generalist and one with a swine focus (\$235,800)
 - An assistant quality manager, based in West Lafayette, as identified in the 2014 AAVLD audit. Failure to create this position poses a risk to our accreditation. (\$85,100 recurring)
 - A second pathologist position at Heeke to support the consistently increasing caseload and to maintain consistent diagnostic coverage and reduce the risk of having interruptions and delays in service. (\$157,000 recurring)
3. **New Laboratory Information Management System (LIMS):** A new LIMS is needed to provide more stability across multiple testing platforms, and to bring the code base and application interface up to industry standards improving the client experience, specifically during sample submission and distribution of laboratory reports. The current client portal does not meet all client needs and is significantly deficient in comparison to the client portals at competing laboratories. A new LIMS would also provide the ability to extract data needed in business analytics to assess performance metrics. Early estimates represent a \$1,000,000 initial cost with \$100,000 annual service agreement.
4. **Renovations to the laboratory facility in West Lafayette:** The main laboratory is 32 years old and in need of critical renovations and upgrades to its necropsy space and incinerator. The scope of work for the proposed upgrades to the West Lafayette facility were recently assessed through a facility study focused on addressing safety and biosecurity concerns. The overall scope of work was further refined to address the most critical updates that are needed to replace the current incinerator, hoist and rail system, and add an additional cooler to address biosecurity concerns. These immediate needs are estimated at \$7,000,000 with an additional \$3,000,000 requested toward addressing additional intake biosecurity needs for a total of \$10,000,000.

		FY 2023 Actual	FY 2024 Request (\$ and %)		FY 2025 Request (\$ and %)
ADDL Appropriation Summary					
Prior Year Recurring Base		\$ 3,711,561	\$ 3,711,561		\$ 4,873,317
Recurring Annual Incremental Request:					
Microbiologist Section Head			150,000		
Pathologist (Heeke)			157,000		
IT Systems Manager			117,900		
Assistant Quality Manager			85,150		
Client Services Veterinarians (2 FTE)			235,800		
LIMS System Service Agreement			-		100,000
Market Wage Adjustments			300,662		-
3.0% S&W and Fringe Benefit Increase			115,244		126,866
Total Recurring Annual Incremental Request:		\$ -	\$ 1,161,756		\$ 226,866
Recurring Request		\$ 3,711,561	\$ 4,873,317	31.3%	\$ 5,100,184 4.7%
One-Time R&R and Equipment:					
LIMS System Replacement			1,000,000		
Construction of new diagnostic lab in southern Indiana					
Renovations to the laboratory facility in West Lafayette					10,000,000
Total One-Time R&R and Equipment:		\$ -	\$ 1,000,000		\$ 10,000,000
Total Budget Request		\$ 3,711,561	\$ 5,873,317	58.2%	\$ 15,100,184 174.1%