



MARYLAND BOARD OF ENVIRONMENTAL HEALTH SPECIALISTS
4201 Patterson Avenue, Baltimore, MD 21215

FEBRUARY 2, 2022 BOARD MEETING
OPEN SESSION MINUTES

Meeting Held via Google Meet

Board Members Present:

Linda Rudie, Board Chair, Maryland Department of Health Member
Alan Heck, Vice Chair, At Large Member
Naomi Howell, Department of the Environment Member
Ann Rose, At Large Member
Matthew Cumers, Local Health Department Member
Erin Kelly, Local Government Member

Absent: **Lewis Brown, Consumer Member**
Amy Parrish, Private Industry Member

Staff: **Bert Nixon, Executive Director**
Donna Zickefoose, Administrator I
Katherine Cummings, AAG, Board Counsel
Lillian Reese, Legislation and Regulations Coordinator

Visitors: **Kimberly Link, MDH**
James Merrow
Nneka Ijeabunwu

CALL TO ORDER

The meeting was called to order at 10:00 A.M. by Linda Rudie, Board Chair.

AGENDA The Agenda for the February 2, 2022 meeting was reviewed. Alan Heck made a motion to adopt the Agenda with amendments. Ann Rose provided a 2nd to the Motion. The motion passed. 6 in favor, 0 abstained, 0 opposed

ITEM 1 Minutes to be approved

1(a). Minutes for review and approval from the December 1, 2021 Board meeting.
2(a). Minutes for Review and approval from the December 21, 2021 Board meeting.
2(c). Minutes for review and approval from the January 12, 2022 Board meeting.
Alan Heck made a Motion to adopt all three Board Minutes as amended. Matthew Cumers provided a 2nd to the Motion. Motion passed. 6 in favor, 0 abstained, 0 opposed.

ITEM 2 Board Chair Report

Linda Rudie

2(a). Issuance of Licenses: requirement for continuing education credits when a license is issued during the 2nd year of a current licensing cycle. History practice has been when a licensee is issued a license during the 2nd year in a licensing cycle the expiration date will be the following license cycle expiration period. The Regulations Committee will prepare a proposal for a draft regulation to revise the current procedure.

ITEM 3 Executive Director Report

Bert Nixon

3(a). SB 113 – A letter of opposition was submitted.

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3(b). HB 246 – Open Meetings Act – In preparation for possible passage. Adjustments to online postings were made.

3(c). HB 533 - Occupations and Professions – Licenses, Certificates and Registration – Immigrants.

3(d). Update on the Infrastructure Bill – No Bill number yet. Some Board’s have met in advance and took a position. This Bill would allow the Governor to appoint the Board Chair and the Secretary to appoint the Executive Director. There is concern with this Bill’s amended version passing.

3(e). There are 100 licensees who have not yet been reviewed or verified for the continuing education requirement for the 2021 license cycle expiration date.

3(f). Stats from the Licensing Database

1. Active Seasonal Certificates – 31
2. Active Licensed Environmental Health Specialists -515
3. Active In-Training Certificates – 105
4. Active Certificate of Eligibility – 169

There has been a steady influx of incoming applications.

3(g). There has been 1 exam passing score since the December meeting.

ITEM 4 Credentialing

4(a). Application review for James Ford – Board members reviewed the transcript credits. It was decided to request the course syllabus for three courses for further review.

4(b). Nneka Ijeabounwu and the supervisor, Debra Freeman requested a reduction of the in-training period. Alan Heck made a Motion to extend the in-training certificate for a one time 6-month period. Naomi Howell provided a 2nd to the Motion. Motion passed. 5 in favor, 1 abstention – Ann Rose, 0 opposed.

ITEM 5 Legislative/Regulations Committee Linda Rudie, Matthew Cumers and Ann Rose

Welcome Ann Rose to the Committee to replace Jasen Lau. Alan Heck will delay his formal involvement until needed.

ITEM 6 Work Force Work Group Linda Rudie and Naomi Howell

No Report.

ITEM 7 Continuing Education Committee Ann Rose, Amy Parrish and Alan Heck

Below is the training that was ratified at the February 2, 2022 meeting:

For the 2021 renewal cycle (licenses expiring 06-30-2021)

1. Last Chance Recertification Seminar 7.25
2. Built Environments - Integrating Environmental Health, Structural Engineering and Floodplain Management for Disaster Risk Reduction and Resiliency 1
3. Disinfection of Contaminated Surface Waters with Lightweight Ozone Generators 0.5
4. World Aquatic Health Conference (2020) 14
5. PEHSU Grand Round Series - Public Health Response to Wildfire Smoke 04-17-2019 (web on demand) 1
6. Zoonoses and One Health Updates Call 10-07-2020 (web on demand) 1

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7. Zoonoses and One Health Updates Call 11-04-2020 (web on demand) 1
8. Zoonoses and One Health Updates Call 09-02-2020 (web on demand) 1
9. Emergency Partners Information Connection (EPIC) Conference Calls - Disasters - Keeping Volunteers, Workers, and Responders Safe 08-21-2019 (web on demand)1
10. Radiation Emergency Management (REM) 11-09-2020 (web on demand) 8
11. Zoonoses and One Health Updates Call 02-03-2021 (web on demand) 1
12. Zoonoses and One Health Updates Call 02-05-2020 (web on demand) 1
13. Zoonoses and One Health Updates Call 03-03-2021 (web on demand) 1
14. Zoonoses and One Health Updates Call 04-07-2021 (web on demand) 1
15. Chemical Terrorism 3
16. Introduction to Epidemiology 7
17. Disinfection Byproducts Control 1
18. 10. Occupational Safety and Health - EPHOC 1
19. PEST Technical Expertise - Building an Inexpensive Insectary 0.5
20. Advanced Chemistry and Its Impact on Disinfection 1
21. PEST Technical Expertise - The Control of Feral Cats 0.5
22. PEST Technical Expertise - The Mighty Mouse: Is Mouse-Free Housing Possible 0.5
23. PEST Effective Partnerships - The Power of Partnership: Mentorship as a Capacity Building Model for Vector Control 1
24. PEST Effective Partnerships - Implementing IPM in Schools without supporting IPM Legislation: Experiences from Arizona 1
25. PEST Effective Partnerships - Effective Partnerships in Public Health IPM Education in American Indian Communities 0.5
26. PEST Effective Partnerships - How to Train Your Dragonfly: The Hidden World of School IPM 0.5
27. COVID-19 Work Practices 1
28. Water Treatment Modeling Tools for Removing PFAS and Other Contaminants 1
29. Water Resources Webinar 1
30. Materials Management Wizard (MWiz) 1
31. PFAS Removal in Drinking Water Treatment Systems 1
32. Introduction to Horticultural Production for Human Consumption Web Course FD8011W 4
33. Sprout Inspections for Regulators Web Course FD225W100 5
34. Produce and Sprout Investigations for Regulators FD326W100 6
35. Produce Safety Rule Web Course FD8012W5
36. 2020 Childhood Lead Poisoning Prevention Program (CLPPP) Annual Cooperative Meeting 9
37. Produce Safety Alliance Train the Trainer 18
38. The Private Well Conference 8
39. 2021 Consumer Food Safety Education Conference 14
40. Preventing Legionnaires' Disease (PreventLD Training) 3
41. Environmental Strike Teams 2

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- 42. 10th Manufactured Food Regulatory Program Alliance Meeting 1
- 43. Bird Management Webinar for Coastal Shellfish Producers 1.5
- 44. Produce Inspections for Regulators FD 226 27
- 45. COVID-19 Work Practices 1
- 46. Environmental Health and Shelters 3
- 47. 3-A Sanitary Standards, Inc. Virtual Education Program 2021 11.5
- 48. FD378-Preventive Controls for Grade A Dairy Regulators Course 20
- 49. Drinking Water Microbes 102 1
- 50. FD378-Preventive Controls for Grade A Dairy Regulators Course 20
- 51. Concepts of Environmental Health 30
- 52. Well Care 101 - What You Need to Know to Protect your Family 1.5
- 53. PFAS Transport, Fate, and Remediation Training Course: Understanding and Managing Per- and Polyfluoroalkyl Substances (HYD-414) 15
- 54. Visual Emissions Evaluation - lecture 2.5
- 55. Effects of Total Nitrogen and Total Phosphorus on Chlorophyll a Concentrations in Flowing Waters 1
- 56. Food Code(FD112) 17
- 57. Watershed Academy Web: Watershed Management Training 10
- 58. Bacteria TMDL Implementation Guidance Workshop 4.75
- 59. Sanitation for Food Safety: Using Sanitizer Test Strips 1.5
- 60. Penn State Pasteurizer Operators Workshop 16.6 (18)
- 61. U.S. EPA Air, Climate, & Energy Research Webinar Series; Resilience of Ecosystems in a Changing Climate 1
- 62. Food Sample Collection and StarLIMS training 4
- 63. Visible Emissions Evaluator (Smoke School) 11-03/05-2020 16
- 64. Industrial Pretreatment Program Audits of Municipal Wastewater Treatment Plants 1.5
- 65. Emergency Risk Communication 2.5
- 66. Health Risk Communication 8
- 67. Airborne Toxic Agents Found within Nursing Homes and Assisted Living Facilities 2
- 68. Climate Change Adaptation 2
- 69. One Health Webinar Days: Plenary and Toxicology Session 2.5
- 70. One Health Webinar Days: Environmental Session 2.3
- 71. One Health Webinar Days: One Health and Public Health Session 3.5
- 72. One Health Webinar Days: SARS-CoV-2 Session 1.5
- 73. One Health Webinar Days: Antimicrobial Session 1.5
- 74. Wastewater - EPHOC 4
- 75. Historical Overview of Public Health2
- 76. FD378-Preventive Controls for Grade A Dairy Regulators Course 26
- 77. 2019 Eastern Milk Seminar 10.5

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- 78. Clean Water Act Regulatory Issues in a Pandemic 1
- 79. The Male Reproductive Health Crisis: Endocrine Disrupting Chemicals and Racial Inequities 1.5
- 80. NOWRA Troubleshooting - Drain Field Malfunction 1
- 81. NOWRA Troubleshooting - Case Studies 1
- 82. NOWRA Troubleshooting - Media Filters 1
- 83. NOWRA Troubleshooting - Soil Treatment Systems 1
- 84. Wastewater Treatment Myths and Toilet Paper 1.5
- 85. NOWRA Troubleshooting - Septic Tanks 1.5
- 86. NOWRA Troubleshooting - Flows 1.5
- 87. NOWRA: Reuse 2
- 88. NOWRA: Assessments and Solutions 2
- 89. NOWRA: Reinvented Toilets and Urine Diversion 2
- 90. Virtual 2020 Onsite Wastewater Mega-Conference: Brewery Wastewater 2
- 91. NOWRA: Tank Buoyancy and Watertightness 2
- 92. DC Water New Jersey B Street 10 to 18 Foot Diameter Trunk Sewer Rehabilitation with Geopolymer During Live Dry Weather Flow 1
- 93. Toxicological Outbreak Investigation WB4195 3
- 94. Zoonoses and One Health Updates Call 08-07-2019 (web on demand) 1
- 95. Visible Emissions Evaluator (Smoke School) Field 11-07-2019 3.5
- 96. Visible Emissions Evaluator (Smoke School) Field 11-05-2020 3.5
- 97. Visible Emissions Evaluator (Smoke School) Class and/or Field 05-04/06-2021 max 16
- 98. APTI SI-300 Introduction to Air Pollution Toxicology 8
- 99. Wildlife Smoke and Your Patient's Health 1
- 100. Airway, Digestive, and Mental Health Comorbidities in WTC Responders and Survivors 1
- 101. CDC Toxicological Outbreak Investigation WB4195 3
- 102. Environmental Safety Training 1.5
- 103. US EPA Air, Climate, & Energy Research Webinar Series: Modeling PFAS Air Emissions, Chemistry and Deposition 1
- 104. 2021 WAHC Virtual - World Aquatic Health Conference up to 35
- 105. Managing Water Risk in the New Normal 1
- 106. Sleep Tight, Don't Let the Bed Bugs Bite (various dates) 1
- 107. Assessing Endoscope Reprocessing Compliance Webinar 2
- 108. Legionnaires and New Resources 1
- 109. Emergency Preparedness: Provider Readiness 1.5
- 110. Using Nationwide and Local Data Sources to Address Decentralized Wastewater Infrastructure Challenges in the Contiguous US and the Caribbean 1.5
- 111. Oral Rabies Vaccination Team Training (2021) 2
- 112. 2021 Industrial Pretreatment Conference 7.5

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- 113. Program Strategies Surveillance: Bed Bugs in a Resource Limited Setting 1
- 114. New Research Insights: New Pests Their Emerging Diseases and Climate Change 1
- 115. New Research Insights: Insecticide Resistance in Bed Bugs 1
- 116. New Research Insights: Prevalence of Disease in Raccoons 1
- 117. New Research Insights: New Technologies for Vector Control 1

For the 2023 renewal cycle (licenses expiring 06-30-2023)

- 1. Drinking Water Microbes 102 1
- 2. PEST Education and Outreach in IPM Implementation Integrated Pest Management in Commercial Pest Management 1
- 3. PEST Education and Outreach in IPM Implementation Managing Mosquitoes in Backyards 0.5
- 4. PEST Effective Partnerships - How to Train Your Dragonfly: The Hidden World of School IPM 0.5
- 5. PEST Effective Partnerships Effective Partnerships in Public Health IPM Education in American Indian Communities 0.5
- 6. Well Care 101 - What You Need to Know to Protect your Family 1.5
- 7. 4-Hour EPA Asbestos Inspector Refresher 4
- 8. Effects of Total Nitrogen and Total Phosphorus on Chlorophyll a Concentrations in Flowing Waters 1
- 9. EHTER - Awareness Level - Solid Waste & Debris 1.75
- 10. The Private Well Course - Section 3 1
- 11. Sanitation for Food Safety: Using Sanitizer Test Strips 1.5
- 12. Penn State Pasteurizer Operators Workshop 16.6 (18)
- 13. U.S. EPA Air, Climate, & Energy Research Webinar Series; Resilience of Ecosystems in a Changing Climate 1
- 14. Food Sample Collection and StarLIMS training 4
- 15. Industrial Pretreatment Program Audits of Municipal Wastewater Treatment Plants 1.5
- 16. Emergency Risk Communication 2.5
- 17. Health Risk Communication 8
- 18. Climate Change Adaptation 2
- 19. One Health Webinar Days: Plenary and Toxicology Session 2.5
- 20. One Health Webinar Days: Environmental Session 2.3
- 21. One Health Webinar Days: One Health and Public Health Session 3.5
- 22. One Health Webinar Days: SARS-CoV-2 Session 1.5
- 23. One Health Webinar Days: Antimicrobial Session 1.5
- 24. Wastewater - EPHOC 4
- 25. Historical Overview of Public Health 2

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26. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: Session 2B: Source & Treatment I: Per and Polyfluoroalkyl Substances (PFAS) 1.75
27. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: SESSION 5A—MONITORING & DISTRIBUTION III: Disinfectants and Disinfection Byproducts (DBPs) 1.75
28. CDC Toxicological Outbreak Investigation WB4195 3
29. Maryland Water Quality Monitoring Council Conference 2021 5
30. 2021 WAHC Virtual - World Aquatic Health Conference up to 35
31. Managing Water Risk in the New Normal 1
32. Sleep Tight, Don't Let the Bed Bugs Bite (various dates) 1
33. Assessing Endoscope Reprocessing Compliance Webinar 2
34. Emergency Preparedness: Provider Readiness 1.5
35. Making Contact - A Training for COVID-19 Contact Tracers 3
36. Nursing Home Infection Preventionist Training Course 20
37. SWPI 105 - Policy Development: Policies and Plans1
38. Environmental Health and Shelters 3
39. Food Protection - EPHOC 4
40. New Hire Training Webinar (Overview of Laws, Regulations and Jurisdictional Boundaries that Govern Food) retitled MDH OFP Virtual Training for Employees New to LHD Programs 1.5
41. Valuing Aquatic Ecosystem Health at a National Scale: Modeling Biological Indicators Across Space and Time 1
42. Using Nationwide and Local Data Sources to Address Decentralized Wastewater Infrastructure Challenges in the Contiguous US and the Caribbean 1.5
43. Risk Communication Strategies to Reduce Exposures and Improve Health: Session 1 - Designing and Tailoring Messages 2
44. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: SESSION 8B—SOURCE & TREATMENT V: Implementing Innovative Treatments 1.75
45. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: SESSION 5B—SOURCE & TREATMENT III: Equity and Underserved Communities 1.75
46. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: SESSION 6B—SOURCE & TREATMENT IV: Contaminant Removal 1.75
47. Biothreat Agent Detection: Advances in Rapid Analytical Methods 1
48. Considerations for a Successful Pool Construction Plan Review 4
49. Oral Rabies Vaccination Team Training (2021) 2
50. Housing Sanitation and Safety - EPHOC 3
51. Food Current Good Manufacturing Practice, Application, and Evidence Development FD190 30

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- 52. Western Maryland Recertification Training 4
- 53. 2021 Annual Dairy Industry/Health Department Meeting 4.5
- 54. FD371 Milk Pasteurization Controls and Tests 21.25
- 55. Norovirus Season is Just Around the Corner 1.5
- 56. Perspectives on a Crucial Resource - The Importance and Vulnerability of Our Water Supplies 1
- 57. Basic Incident Command System for Initial Response IS-0200.c 4
- 58. FD218-Risk Based Inspection Methods in Retail 19
- 59. 1-Day EPA Asbestos Supervisor Refresher 6.75
- 60. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: Session 2A: Monitoring & Distribution I: Pathogens 1.75
- 61. Visible Emissions Observer Training, Method 9 7
- 62. 2021 Industrial Pretreatment Conference 7.5
- 63. 2021 Groundwater Protection Conference 18
- 64. Earth Science Week 2021: Water Today and For the Future 1
- 65. PEST Effective Partnerships - Implementing IPM in Schools without supporting IPM Legislation: Experiences from Arizona 1
- 66. The Private Well Course - Section 5 1
- 67. Using Heat to Reduce Pests in Housing 0.5
- 68. Program Strategies Surveillance: Bed Bugs in a Resource Limited Setting 1
- 69. Vector and Pest Control: Challenges Between Public Health and Pest Management 1
- 70. New Research Insights: New Pests Their Emerging Diseases and Climate Change 1
- 71. RCRA Hazardous Waste Management Online Course 14
- 72. Hazmat Ground Shipper Certification (DOT) 13
- 73. Food Safety Education Month: Handling Food Safely in the Time of Third-Party Delivery 1
- 74. New Research Insights: Insecticide Resistance in Bed Bugs 1
- 75. New Research Insights: Prevalence of Disease in Raccoons 1
- 76. New Research Insights: New Technologies for Vector Control 1
- 77. 1-Day Lead Risk Assessor Refresher 7
- 78. Land Prioritization Mapping for Protecting Drinking Water 1
- 79. Got Bugs? Get Sued! 1
- 80. Bedbugs in Elderly and Disabled, Low- Income Housing - Getting Real! 1
- 81. EHTER - Awareness Level - Building Assessment 1.5
- 82. EHTER - Awareness Level - Drinking Water 2
- 83. EHTER - Awareness Level - Food Safety 2.25
- 84. EHTER - Awareness Level - Wastewater 1.5
- 85. 18th Annual Drinking Water Workshop: Small System Challenges and Solutions: SESSION T1: Corrosion 4
- 86. Groundwater and Well Construction 101 2

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| 87. The Virtual 2021 EPA Water Laboratory Alliance Security Summit | 13.5 |
| 88. Rapid Response Team (RRT) Computer to Computer (C2C) Meeting | 9.75 |
| 89. Food Processing and Technology FD 152 | 34 |
| 90. FY 22 MDE Inspector Forum up to 6 | |

ITEM 8 Status of Work Processed:

Initial Licenses Issued (2)

1. Mikala Stephenson (21-306)
2. Adowole Adegborioye

License Reinstatement (1)

1. William Forlifer (from non-renewed status)

Certificates of Eligibility Issued (19)

1. David Yoon
2. Ashley Brnes
3. Vinay Ramsay
4. Tiruneh Hawaz
5. Kathleen Sann
6. Elizabeth Bridges
7. Yan Tang
8. Melvin Morgan
9. Matthew Boyle
10. Luke Barragan
11. Angela Bell
12. Misty Manning
13. Rita Bastola
14. Omar Esquivias
15. Emmanuel Divoke
16. Dana Cannon
17. Ethan Axtell
18. Robert Beichler, III
19. Melaine Eshenbaugh

In-Training Certificates Issued (5)

1. Alexander Pierce
2. Mikala Stephenson
3. Joshua Campbell
4. Sade Gowens
5. Autumn Cornbrooks

Board Approved In-Training Reductions (1)

1. Victoria Mucciacciaro

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Board Approved In-Training Certificate Extensions (2)

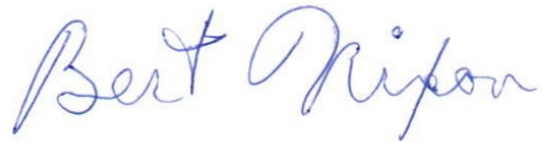
1. Micah Coe
2. Alisha Archer

Sesonal/Summer/Youth Camp In-Training Certificates (0)

Adjourn – At 12:25 p.m. a motion was made by Alan Heck to close the Open Session. Naomi Howell provided a 2nd to the Motion. Motion passed. 6 in favor, 0 abstained, 0 opposed



Linda Rudie,
Board Chair



Bert Nixon,
Executive Director

Date: April 6, 2022

Date: April 6, 2022