

MARYLAND STATE BOARD OF WELL DRILLERS

**Minutes of Open Meeting
Aeris Conference Room
Maryland Department of the Environment
1800 Washington Boulevard, Baltimore, MD 21230
July 24, 2019**

Board Members Present

Hahns Hairston - Chairman
Larry Brenneman – Vice-Chairman
Brad Hartman
Dave Kelly
Mike Hall
Heather Quinn – DNR
Robert Peoples – MDE

Staff Present

Elaine Nolen – Executive Director
Neil Winner – MDE, Water Supply Program
John Boris – MDE, Wastewater Permits Program
Paula Araveda, MDE, Water Supply Program Intern

Absent

Ellen Cohill, Esq. – Board Counsel

Call to Order

With a quorum present, Chairman Hahns Hairson called the meeting to order in the Aeris Conference Room at 9:07 AM. There were no guests so no introductions were made.

Review and Adoption of Proposed Meeting Agenda and Introduction of Guests

Chairman Hairston presented the agenda for review and approval. The agenda was amended to move the violations and complaints and June 5 exam results to a new section, after the Industry Correspondence/State of Industry section. A motion to approve the meeting agenda as amended was made by Mike Hall and seconded by Robert Peoples. The motion was approved unanimously with no abstentions.

Review of Meeting Minutes

Chairman Hairston presented the minutes of the April 24, 2019 meeting for review and approval and asked for any modifications. A motion to approve the meeting minutes with no changes was made by Dave Kelly and seconded by Mike Hall. The motion was approved unanimously with no abstentions.

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Board Chair Comments

Chairman Hairston welcomed attendees to the meeting and thanked them for coming. He expressed his wishes that everyone is having an enjoyable summer.

Director's Report

a. Revenues and Expenditures – As of June 30, 2019

Appropriation FY 2018	\$111,179.00
Expenses	\$102,479.45
Revenue	\$ 96,145.00

b. Elaine Nolen provided statistics on the 2019 renewal process: 434 renewal licenses and 33 inactive licenses were issued as of June 30, 2019. After June 30, 2019, late applicant licenses must be reinstated. Six apprentice licenses will expire before 6/1/2021 and two of those licensees have applied for upcoming exams.

In addition, she provided the following statistics:

There are currently 491 active licensees.

The breakdown by license type:

- 201 Master Well Drillers
 - 50 Master Well Driller - Geotechnical
 - 84 Master Well Driller - Water Supply
 - 67 Master Well Driller - General
- 77 Journeyman Well Drillers
 - 23 Journeyman Well Driller - Geotechnical
 - 24 Journeyman Well Driller - Water Supply
 - 30 Journeyman Well Driller - General
- 82 Apprentices
 - 53 Apprentice Well Drillers
 - 15 Apprentice Pump Installers
 - 14 Apprentice Water Conditioner Installers)
- Restricted Licenses:
 - 39 Well Rig Operators
 - 47 Pump Installers
 - 45 Water Conditioner Installers

c. Elaine Nolen provided a legislative update consisting of the July 15, 2019 letter from Department of Legislative Services outlining changes to the Maryland Program Evaluation Act (Sunset Law). Essentially, Sunset reviews will no longer be mandatory and the request for legislation to extend the next termination date will not be made by

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Department of Legislative Services, but will need to be made by Board counsel in the year 2029.

New Business, Part 1

- a. The August 7, 2019 exam roster was distributed for review. Elaine Nolen provided a brief description of the qualifications of each applicant and recommended each of the six persons to take an examination. A motion to approve each applicant for examination was made by Mike Hall and seconded by Robert Peoples. Motion was approved unanimously with no abstentions.

- b. Elaine Nolen provided a document entitled Draft Continuing Education Guidance which outlines regulatory requirements and Board policy on the continuing education requirement for license renewals. Modifications were based on Board member comments and discussion. The document will be finalized and posted on the Board website. In addition, a mass mailing will be made so the information is available to all licensees, including those who are not familiar with the Board homepage.

- c. Review and discussion of Continuing Education requests:

No.	Organization	Name of Course	Location	Dates	License Categories	Approved Hours Asterisk * indicates total of 10 hours accepted
2021-001	South Atlantic Well Drillers	2019 Jubilee	Myrtle Beach, SC	7/27-28/2019	All licenses	Credit given for technical sessions attended, sign-off required. Maximum 12 hours. Plus 3.0 hours for regional convention

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						attendanc e
2021-002	National Drilling Association	Buckeye Chapter Spring Training Expo 2019	Cambridge, OH	6/3/2019	All licenses	5.0
2021-003	Pennsylvania Ground Water Association	2019 PGWA Summer Field Conference	Bellefonte, PA	6/7/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD	5.0
2021-004	National Drilling Association	2019 Convention	Herndon, VA	9/26 - 9/27/2019	All licenses	Credit given for technical sessions attended, sign-off required. Maximum 6.5 hours. Plus 2.0 national attendanc e

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2021-005	Maryland Rural Water Association	Water Sampler Certification Seminar	multiple locations	6/5/19, 6/6/19, 6/13/19, 7/8/19, 7/11/19, 7/18/19, 8/8/19, 8/15/19, 8/21/19, 8/22/19, 9/11/19, 9/12/19, 10/10/19	All licenses	3.0
2021-006	Goulds/Xylem	Basic Water Systems Training	online	various	All licenses	2.0
2021-007	Goulds/Xylem	Variable Frequency Drives	online	various	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (No WCI, AWC)	1.5 hours
2021-009	Delaware Technical Community College	Water Operator Filtration Endorsement Course for Sand/Greensand Filtration, Reverse Osmosis, Ion Exchange, Activated Carbon	Bridgeville, DE	9/11 - 10/16/19	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (no PIO, API)	20.0
2021-010	Delaware Technical Community College	Basic Electricity Online Course	online	9/30 - 12/2/19	All licenses	8.0 *
2021-011	Delaware Technical Community College	Chlorination Technology Online Course	online	9/30 - 12/2/19	All licenses	8.0
2021-012	Delaware Technical Community College	Math Review for Water Wastewater Operators Online Course	online	9/30 - 12/2/19	All licenses	6.0 *

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2021-013	Delaware Technical Community College	Membrane Technology Online Course	online	9/30 - 12/2/19	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (not PIO, API)	8.0
2021-014	Delaware Technical Community College	Pumps, Motors, and Controls Online Course	online	9/30 - 12/2/19	all licensees	8.0
2021-015	Delaware Technical Community College	Valves Online Course	online	9/30 - 12/2/19	All licensees	8.0
2021-016	Delaware Technical Community College	21st Century Ultra Violet Disinfection	Bridgeville, DE	9/11/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (not PIO, API)	7.0
2021-017	Delaware Technical Community College	Nitrification in Water and Wastewater Processes	Bridgeville, DE	9/18/2019	All licenses	7.0
2021-018	Delaware Technical Community College	Trenching/Shoring Safety	Bridgeville, DE	10/9 - 10/10/19	All Licenses	7.0 *
2021-019	Delaware Technical Community College	Hypochlorite Disinfection	Bridgeville, DE	10/16/2019	All licenses	7.0
2021-020	Delaware Technical Community College	Troubleshooting Pumps	Bridgeville, DE	10/18/2019	All licenses	7.0
2021-021	Delaware Technical Community College	Principles of Ion Exchange	Bridgeville, DE	10/23/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (not PIO, API)	6.0

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2021-022	Delaware Technical Community College	Well Construction Techniques	Bridgeville, DE	11/1/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (Not WCI, AWC)	4.0
2021-023	Delaware Technical Community College	Introduction to Geothermal Systems	Bridgeville, DE	11/1/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD	4.0
2021-024	Delaware Technical Community College	Application of Membrane Technology	Bridgeville, DE	11/7/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (not PIO, API)	4.0
2021-025	Delaware Technical Community College	Watersheds and Their Impact on the Environment	Bridgeville, DE	12/10/2019	All licenses	4.0 *
2021-026	Delaware Technical Community College	Global Positioning Systems	Bridgeville, DE	12/11/2019	All licenses	7.0 *
2021-027	Delaware Technical Community College	Pump Hydraulics	Bridgeville, DE	12/12/2019	all licenses	7.0
2021-028	Delaware Technical Community College	Math Review for Water Wastewater Operators	Bridgeville, DE	12/12 - 12/19/19	All licenses	6.0 *
2021-029	Delaware Technical Community College	Chemistry Basics for Water/Wastewater Professionals	Bridgeville, DE	12/19/2019	All licenses	4.0 *
2021-030	Delaware Technical Community College	Small Engine Repair I	Bridgeville, DE	9/5 - 10/17/19	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (Not WCI, AWC)	10.0 *

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2021-031	Delaware Technical Community College	Small Engine Repair II	Bridgeville, DE	10/31 - 12/19/19	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (Not WCI, AWC)	10.0 *
2021-032	Delaware Technical Community College	Preparatory Mathematics	Bridgeville, DE	9/18 - 9/24/19	All licenses	10.0 *
2021-033	Delaware Technical Community College	Residential Wiring I	Bridgeville, DE	9/25 - 10/8	All licenses	10.0 *
2021-034	Delaware Technical Community College	Basic Electricity Online Course	online	6/3/19 - 8/16/19	All licenses	8.0 *
2021-035	Delaware Technical Community College	Chlorination Technology Online Course	online	6/3/19 - 8/16/19	All licenses	8.0
2021-036	Delaware Technical Community College	Math Review for Water Wastewater Operators Online Course	online	6/3 - 8/16/19	All licenses	6.0 *
2021-037	Delaware Technical Community College	Pumps, Motors, and Controls Online Course	online	6/3/19 - 8/16/19	All licenses	8.0
2021-038	Delaware Technical Community College	Valves Online Course	online	6/3/19 - 8/16/19	All licenses	8.0
2021-039	Delaware Technical Community College	Watersheds and Their Impact on the Environment Online Course	online	6/3 - 8/16/19	All licenses	4.0 *
2021-040	MCET	Apprentice Well Driller Exam Prep	Baltimore, MD	9/18/2019	All licenses	6.0

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2021-041	MCET	ATSSA Flagger Training	Hughesville, MD	11/5/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (Not WCI, AWC)	4.0 *
2021-042	MCET	Chlorination Technology	Baltimore, MD	12/11/2019	all licensees	7.0
2021-043	MCET	Coagulation, Flocculation, Sedimentation, and Filtration	Salisbury, MD	11/5/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (not PIO, API)	7.0
2021-044	MCET	Concepts of Drinking Water Treatment	Salisbury, MD	12/18/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, WCI, AWC (not PIO, API)	7.0
2021-045	MCET	Cross Connection and Backflow Prevention	Hughesville, MD	9/10/2019	All licenses	7.0
2021-046	MCET	Excavation Safety - Trenching and Shoring	Hughesville, MD Hughesville, MD	8/15/2019 11/14/2019	All licenses	7.0 *
2021-048	MCET	NSC First Aid, CPR, and AED	Hughesville, MD	7/30/2019 10/1/19	All licenses	7.0 *
2021-049	MCET	Osha 10-Hour Construction (not 8 hour hazwoper refresher)	Hughesville, MD	9/12 & 19/19	All licenses	10.0 *
2021-050	MCET	OSHA 30-Hour Construction (not 8 hour hazwoper refresher)	Hughesville, MD	12/9-12/19	All licenses	10.0 *
2021-051	MCET	Safe Drinking Water Act - Federal Regulations	Hughesville, MD	9/5/2019	All licenses	7.0 *
2021-052	MCET	Sources and Treatment of Water	Hughesville, MD	11/19/2019	All licenses	7.0 *

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2021-053	MCET	Troubleshooting Pumps	Westminster, MD	12/11/2019	All licenses	7.0
2021-054	MCET	Well Systems - An Introduction to O & M	Elkton, MD	10/23/2019	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (Not WCI, AWC)	7.0
2021-055	Milby	Pump & Drive School	Elkridge, MD Lewistown, PA	11/5/19 11/6/19	MWD, MGD, MSD, JWD, JGD, JSD, WRO, AWD, PIO, API (Not WCI, AWC)	8.0
2021-056	Various	OSHA 8 hour refresher OSHA 29 CFR 1910.120	Various	Various	All licensees	8.0**

A motion to approve the courses/events for the hours and license types indicated on the chart above was made by Mike Hall and seconded by Larry Brenneman. The motion was approved unanimously with no abstentions.

Industry Correspondence/State of the Industry

The topic of the status of online submission of well permits and well completion reports was discussed. Elaine Nolen reported that at present there is no information available. The process of the interaction between County and State for fee collection was discussed. It was agreed that once the project gets started, a focus group would be beneficial.

Chairman Hairston announced a break for lunch beginning at 11:34 AM.

Chairman Hairston called the post-break meeting to order at 12:01 PM.

New Business, Part 2

- a. Violations and Complaints: A motion to go into Administrative Function for the discussion of violations and complaints was made by Larry Brenneman and seconded by Brad Hartman. The motion was approved unanimously with no abstentions.

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Twenty one new violations were reviewed and discussed. One required no further action. Fifteen will be addressed by letter to the licensee. Six require additional information from County environmental health departments.

One new complaint was discussed. Additional information is needed, Elaine Nolen will make inquiries.

A motion to come out of Administrative Function in order to continue the meeting was made by Larry Brenneman, seconded by Dave Kelly. The motion was approved unanimously with no abstentions at 1:55 PM.

b. June 5 exam results:

# pass	11
# fail	3
% pass	79%
% fail	21%
Average Grade	75%

A motion to approve everyone who passed with a grade of 70 and above, with the exception of one applicant due to pending investigation and legal advice, was made by Mike Hall and seconded by Larry Brenneman. The motion was approved unanimously with no abstentions.

Adjournment

A motion to adjourn the meeting was made by Mike Hall and seconded by Brad Hartman. The motion passed at 2:58 pm. The motion was approved unanimously with no abstentions.