DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION PERIMETER CENTER 9960 MAYLAND DRIVE RICHMOND, VIRGINIA 23233

EDUCATION AND TRAINING COMMITTEE OF THE VIRGINIA BOARD FOR WATERWORKS AND WASTEWATER WORKS OPERATORS AND ONSITE SEWAGE SYSTEM PROFESSIONALS

Tentative AGENDA

Wednesday, January 25, 2023, 3:00 p.m.

2nd FLOOR, Board Room 1

- I. CALL TO ORDER
- II. EMERGENCY EVACUATION PROCEDURES
- III. APPROVAL OF AGENDA
 - a. Committee Agenda, January 25, 2023
- IV. PUBLIC COMMENT PERIOD*
- V. REVIEW TRAINING COURSE**
 - a. Office of Water Programs at Sacramento State
 - i. Solids Management and Plant Maintenance
 - ii. Treatment Plants and Tertiary Treatment
 - b. American Water College
 - i. Advanced Water Treatment
 - ii. Applied Chemistry
 - iii. Applied Hydraulics
 - iv. Distribution System Review (4 Hours)
 - v. Distribution System Review (8 Hours)
 - vi. Distribution System Review (12 Hours)
 - vii. Distribution System Review (16 Hours)
 - viii. Electricity for the Water Industry
 - ix. Introduction to Water Treatment
 - x. VA Wastewater Operator Exam Preparation Class 1
 - xi. VA Wastewater Operator Exam Preparation Class 2
 - xii. VA Wastewater Operator Exam Preparation Class 3
 - xiii. VA Wastewater Operator Exam Preparation Class 4
 - xiv. Wastewater Treatment Review (4 Hours)
 - xv. Wastewater Treatment Review (12 Hours)
 - xvi. Wastewater Treatment Review (21 Hours)
 - xvii. Water Quality
 - xviii. Water Sources
 - xix. Water Transmission & Distribution I
 - xx. Water Transmission & Distribution II
 - xxi. Water Treatment Math
 - xxii. Water Treatment Review (4 Hours)

xxiii. Water Treatment Review (8 Hours)
xxiv. Water Treatment Review (12 Hours)
xxv. Water Treatment Review (16 Hours)
xxvi. VA Waterworks Operator Exam Preparation Class 1
xxvii. VA Waterworks Operator Exam Preparation Class 2
xxviii. VA Waterworks Operator Exam Preparation Class 3
xxix. VA Waterworks Operator Exam Preparation Class 4

VI. OTHER BUSINESS

VII. ADJOURN

NEXT MEETING TENTATIVELY SCHEDULED FOR JANUARY 26, 2023

- * Five minute public comment, per person, with the exception of any open disciplinary or application files.
 - ** Agenda materials made available to the public do not include disciplinary case files or application files pursuant to §54.1-108 of the *Code of Virginia*.

Persons desiring to participate in the meeting and requiring special accommodations or interpretative services should contact the Department at (804) 367-0362 at least ten days prior to the meeting so that suitable arrangements can be made for an appropriate accommodation. The Department fully complies with the Americans with Disabilities Act.

PERIMETER CENTER CONFERENCE CENTER EMERGENCY EVACUATION OF BOARD AND TRAINING ROOMS

(Script to be read at the beginning of each meeting.)

PLEASE LISTEN TO THE FOLLOWING INSTRUCTIONS ABOUT EXITING THE PREMISES IN THE EVENT OF AN EMERGENCY.

In the event of a fire or other emergency requiring the evacuation of the building, alarms will sound. When the alarms sound, <u>leave the room immediately</u>. Follow any instructions given by Security staff

Board Room 1

Exit the room using one of the doors at the back of the room. Upon exiting the room, turn **RIGHT.** Follow the corridor to the emergency exit at the end of the hall.

Upon exiting the building, proceed straight ahead through the parking lot to the fence at the end of the lot. Wait there for further instructions.

Board Room 2

Exit the room using one of the doors at the back of the room. (Point) Upon exiting the room, turn **RIGHT.** Follow the corridor to the emergency exit at the end of the hall.

Upon exiting the building, proceed straight ahead through the parking lot to the fence at the end of the lot. Wait there for further instructions.

You may also exit the room using the side door, turn **Right** out the door and make an immediate **Left**. Follow the corridor to the emergency exit at the end of the hall.

Upon exiting the building, proceed straight ahead through the parking lot to the fence at the end of the lot. Wait there for further instructions.

Board Rooms 3 and 4

Exit the room using one of the doors at the back of the room. Upon exiting the room, turn **RIGHT.** Follow the corridor to the emergency exit at the end of the hall.

Upon exiting the building, proceed straight ahead through the parking lot to the fence at the end of the lot. Wait there for further instructions.

Training Room 1

Exit the room using one of the doors at the back of the room. Upon exiting the room, turn **LEFT.** Follow the corridor to the emergency exit at the end of the hall.

Upon exiting the building, proceed straight ahead through the parking lot to the fence at the end of the lot. Wait there for further instructions.

Training Room 2

Exit the room using one of the doors at the back of the room. Upon exiting the doors, turn **LEFT.** Follow the corridor to the emergency exit at the end of the hall.

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION PERIMETER CENTER 9960 MAYLAND DRIVE RICHMOND, VIRGINIA 23233

EDUCATION AND TRAINING COMMITTEE OF THE VIRGINIA BOARD FOR WATERWORKS AND WASTEWATER WORKS OPERATORS AND ONSITE SEWAGE SYSTEM PROFESSIONALS

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xxviii. VA Waterworks Operator Exam Preparation Class 3
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PUBLIC COMMENT PERIOD

Five minute public comment, per person, with the exception of any open disciplinary or application files.

PROVIDER NAME:	Office of Water Programs at Sacramento State
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	Operation of Wastewater Treatment Plants Vol2B-Solids Management and Plant Maintenance
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	Yes
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (40.4 contact hours)

PROVIDER NAME:	Office of Water Programs at Sacramento State
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	Operation of Wastewater Treatment Plants Vol2A-Treatment Plants and Tertiary Treatments
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	Yes
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (35.5 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Advanced Water Treatment
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (42.78 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Applied Chemistry
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (29.75 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Applied Hydraulics
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (20.25 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Distribution System Review (4hr.)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (4 contact hours)

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PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Distribution System Review (8hr.)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (8.5 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Distribution System Review (12hr.)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (13.25 contact hours)

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PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Distribution System Review (16 hr.)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (17 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Electricity for the Water Industry
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (13.5 contact hours)

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PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Introduction to Water Treatment
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
	Approval
STAFF RECOMMENDATION:	Training credits to be determined by Committee (43.25 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Wastewater Operator Exam Preparation Class 1
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (57.25 contact hours + 7.50 practice)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Wastewater Operator Exam Preparation Class 2
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (55.75 contact hours + 7.50 practice)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Wastewater Operator Exam Preparation Class 3
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (49 contact hours + 7.50 practice)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Wastewater Operator Exam Preparation Class 4
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (35.75 contact hours + 7.50 practice)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	Wastewater Treatment Review (4hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (4 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	Wastewater Treatment Review (12hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (12.25 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Wastewater Works Operator—Pre-license
SUBJECT/COURSE TITLE:	Wastewater Treatment Review (21hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (20.75 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Quality
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (41.25 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Sources
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (20.75 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Transmission & Distribution I
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (48 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Transmission & Distribution II
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (48 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Treatment Math
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (37 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Treatment Review (4 hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (4 contact hours)

PROVIDER NAME:	American Water College Waterworks Operator—Pre-license
TYPE OF COURSE:	
SUBJECT/COURSE TITLE:	Water Treatment Review (8 hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
	Approval
STAFF RECOMMENDATION:	Training credits to be determined by Committee (8 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Treatment Review (12 hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (12 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	Water Treatment Review (16 hr)
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (16 contact hours)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Waterworks Operator Exam Preparation Class 1
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (39.25 contact hours)

PROVIDER NAME:	American Water College Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Waterworks Operator Exam Preparation Class 2
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (36.5 contact hours + 4 practice exams)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Waterworks Operator Exam Preparation Class 3
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee (35.75 contact hours + 4 practice exams)

PROVIDER NAME:	American Water College
TYPE OF COURSE:	Waterworks Operator—Pre-license
SUBJECT/COURSE TITLE:	VA Waterworks Operator Exam Preparation Class 4
DELIVERY METHOD OF INSTRUCTION:	Online
PREVIOUS BOARD APPROVALS:	N/A
STAFF RECOMMENDATION:	Approval Training credits to be determined by Committee
	(33.75 contact hours + 7.50 practice exams)

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