



2024 PIPE TAPPING COMPETITION RULES

We are very excited to be able to sponsor the tapping contest once again. As you may have witnessed from previous contests, this is a high-energy competition involving a race against time to tap into a cement-lined, ductile iron pipe while under pressure and install a corporation.

This event is meant to be fun and provide entertainment for all in attendance. The rules, so that all participants can compete on a level playing field, are listed below. If you decide to enter a team, please carefully review them. **Please note the pipe will be 8" ductile iron, not 6".**

- Any water utility may enter.
- Each team will be allowed 4 members. 1 coach and 3 pipe tapping participants.
- Each team will be allowed up to two alternates to be listed on their team. Alternates will not be allowed within the pipe tapping area during competition unless replacing another member of the team. The team captain must announce the substitution of the alternate before their start time. The announcement must be made to the judges.
- Each team will be required to tap an **8" pressurized ductile iron water pipe**, install a $\frac{3}{4}$ " copper pipe compression joint corporation (CPPJ), cut and install 6' feet of $\frac{3}{4}$ " copper tubing (See exact distance of tubing in bullet listing below) in the CPPJ end of the corporation and finally attach the other end of the $\frac{3}{4}$ " service line to $\frac{3}{4}$ " Compression joint ball valve.
- The judges will conduct a pre-check of all of the teams' equipment to assure equipment compliance with the stated rules.
- Tapping Machine parts **must be stock. No altered machine parts will be allowed (at judges' discretion).**
- Tapping equipment can be laid out in the competition area in any location, but parts must remain separate as they were in the box (ex. No stacking of pipe saddle, saddle gasket and tapping machine valve body prior to the start).
- There will be an official timekeeper. The official will signal official start time. The official will record start and stop times of each team.
- The winner of this event will be the team to accomplish the tap and service line installation in the shortest amount of time and with the fewest number of leaks.
- Measurements for copper tubing must be made with a tape measure (**no pre-measured strings etc.**) Measurements must be within 1" +/- of the stated length.
- Three judges will be provided to time each team and inspect the final tap and service line connection for leaks.
- Each identified leak (stream or **rapid** drip) by the judges will be added an access penalty of a 10 second violation of time for each leak.
- Each CPPJ connection must be **fully** seated and **completely** tighten or secure including the bolt or set screw. Any identified violation by the judges will result in a 10 second penalty.

- Each team will be responsible for providing all tools necessary to compete in this event including tapping machine, bits for machine, and any hand tools to tighten all CPPJ connections. This includes any tools to cut the copper tubing. If any tool breaks and the team does not have a spare the team may borrow one from another team. There will be a 10 second penalty for the team accepting the tool. If the team can't borrow one, they will be disqualified.
- All materials including ductile iron water pipe, copper tubing, and fittings will be provided by Maine Water Utilities Association and the sponsors of this event.
- The order of the competitors will be determined by lottery.
- Teams can bring their own mat/s to place their tools on.
- No coaching from the sidelines. If it is determined that someone is coaching from the sidelines and they are affiliated with the team that is competing, there will be a 10 second penalty.

Each team must employ standard water utility safety practices.

- Head protection (hard hats) must be used and kept on the head of all participants during the entire tapping event. Including the coach.
- Eye Protection is required and worn throughout the event by all team members during the entirety of the event. Including the coach.
- Gloves must be worn throughout the entire event by the three pipe tapping participants. The coach is not required to wear gloves.
- Safety toed shoes must be worn.
- No shorts shall be worn.
- Any accidental safety violation (ex. Hard hat/Safety glasses fall off and you put them back on immediately) identified by the judges will result in a ten second penalty for each safety infraction. Immediate disqualification will occur for any team that willfully chooses to ignore safety rules, or gross negligence of safety rules.
- Winner of this event will be presented with a trophy and shirt. The trophy will reside with the winning team to be placed on display within their utility until the following year's competition. The trophy will memorialize the teams name and each competing member of that team.

We hope this event will prove to be entertaining. Have fun and support your fellow water utilities!!!!!!



MWUA 2024 Pipe Tapping Competition Registration Form

Cumberland County Fairgrounds, Cumberland, ME

August 8, 2024

10:00 a.m. Team Meeting / 10:15 a.m. Competition

Utility Name: _____

Address: _____

City State Zip: _____

Contact Person: _____ Cell # _____ E-mail _____

Team Name: _____

Competitors' Names:

1. _____ Waiver attached

2. _____ Waiver attached

3. _____ Waiver attached

4. _____ Waiver attached

Alternates' Names:

1. _____ Waiver attached

2. _____ Waiver attached

WAIVER, RELEASE AND ASSUMPTION OF RISK
THIS IS A WAIVER AND RELEASE AFFECTING YOUR LEGAL
RIGHTS FOR MWUA'S 2024 TAPPING CONTEST

- PLEASE READ CAREFULLY BEFORE SIGNING -

I, the undersigned Maine Water Utilities Association tapping contest participant, hereby certify that I have represented by my application for entry that my overall condition is adequate to participate safely in the Contest and I hereby acknowledge that I am familiar with the rigors and risks of the event(s) involved including, but not limited to, the potential for damage, loss, injury or death to myself or others while participating, or as a result of my participation, in the event(s).

I certify that I have read and am familiar with the Maine Water Utilities Association Rules and Regulations for the Pipe Tapping Contest.

I hereby waive, release, and forever discharge and agree to hold harmless Maine Water Utilities Association and The Cumberland Fairgrounds including its sponsors, owners of land and operators of, equipment, machinery, any motor vehicles or press vehicles, and the officers, directors, agents, employees, volunteers, and lessors of any of the foregoing persons and entities (hereinafter the "Released Parties"), from any and all claims, causes of action, liabilities, costs, expenses, demands, or obligations of any kind whatsoever that I now have or may hereafter have with respect to any damage, loss, bodily or personal injury, illness, or death arising out of or related to my participation in any aspect of the Maine Water Utilities Association Pipe Tapping Contest, whether or not caused by the negligence of a Released Party. I reserve only and do not waive or release claims for damages caused by the gross negligence or intentional misconduct of a Released Party. I intend this release to be binding on myself, my heirs, personal representatives, guardians, successors and fully assigns of the law.

Although I acknowledge that the Maine Water Utilities Association, and all of their respective agents have no obligation to provide medical care in the event that a medical emergency occurs in connection with the Contest, I hereby authorize and give my full permission to one or more authorized representatives of Maine Water Utilities Association or its agents to seek medical treatment on my behalf. Except where such an exception is prohibited or limited by applicable law, I hereby release, waive, forever discharge, and agree to hold harmless Maine Water Utilities Association and Cumberland Fairgrounds, and all of their respective agents or owners from any and all claims for bodily injury, wrongful death, loss of services, or otherwise, which may arise from seeking medical treatment on my behalf.

I authorize and consent to the publication by the Maine Water Utilities Association or any other sponsor of any materials, including but not limited to television, newsprint, written advertisement, or otherwise, containing my name, picture, and video or audio recording. Except where such an exception is prohibited or limited by applicable law, I hereby release, waive, forever discharge, and agree to hold harmless Maine Water Utilities Association, and any Contest sponsors from any and all claims related to the publication of my name, picture or recording.

BY SIGNING BELOW, I ACKNOWLEDGE THAT I HAVE CAREFULLY READ AND UNDERSTAND THE CONTENTS OF THIS WAIVER, RELEASE AND ASSUMPTION OF RISK.

Signature of Entrant: _____ Date _____

Print Name: _____

Team Name: _____

Team Role _____

Utility/Company: _____

City/State: _____
