

**RESOLUTION NO. 2015-34**

**A RESOLUTION TO APPROVE THE PURCHASE OF EQUIPMENT FOR  
DISINFECTION OF DRINKING WATER**

**WHEREAS**, the water wells use chlorine gas continually as a critical process chemical for the disinfection of the drinking water in accordance with the Safe Drinking Water Act, and

**WHEREAS**, the chlorine gas, polyphosphate and fluoride are currently located in a common room at each of the well houses as has been the case for more than 30 years, and

**WHEREAS**, in June, 2014 the Michigan Department of Environmental Quality noticed the violation of Part 5 of the Recommended Standards for Water Works and Part 10 of the Suggested Practices for Water Works and required compliance with these standards, and

**WHEREAS**, the DPW further investigated and confirmed the incompatible chemical status with the EPA and worked with the MDEQ to defer the project to the next budget year, and

**WHEREAS**, the cost benefit analysis determined that it would be more cost effective to change the method of disinfection and make a capital investment in new chlorination equipment than making building renovations and expansions to meet the separation criteria, and

**WHEREAS**, the operational staff has researched technologies for chlorination and have determined that the Accu-Tab system will be the safest and easiest to operate system available, and

**WHEREAS**, Elhorn Engineering is the local representative for the Accu-Tab system and has given a proposal in the amount of \$26,488.74 plus freight to provide and install the systems.

**THEREFORE BE IT RESOLVED** that the city council authorizes the purchase of the Accu-Tab chlorination system from Elhorn Engineering to a meet the current regulations and agrees to waive the bidding requirements as this a proprietary technology for which there is a sole vendor.