

**TITLE:** Resolution for Using Restricted Reserves for Purchasing Laboratory Equipment: Replacement of the Dionex Ion Chromatography System.

**BODY:**

WHEREAS, the autosampler of the Dionex Ion Chromatography System - a machine that is vital to Public Health Madison & Dane County (PHMDC) laboratory operations and is used to conduct multiple tests - has failed and needs repair; and

WHEREAS, if the machine is not replaced, the lab will not be able to continue serving the county by performing analysis of pool, well, lake and outfall samples; and

WHEREAS, due to the Dionex Ion Chromatography System being in disrepair, the PHMDC laboratory is currently contracting an outside laboratory to perform licensed establishment pool samples. The licensing fees for pool operators include the routine sampling and testing of pool water for 446 Dane County public swim pools and water attractions; and

WHEREAS, due to the age of the existing machine and high repair costs (\$3000 for service call plus the estimated repair cost of \$15,000), the most fiscally responsible solution is to replace this equipment; and

WHEREAS, replacement cost for this equipment is approximately \$60,000; and

WHEREAS, time is of essence, as outsourcing to a contracted laboratory is not sustainable due to increased cost and longer test turnaround time; and

WHEREAS, beyond pool testing, this machine is also capable of conducting the following tests: Transient Non-Community wells, Nitrate testing for private well, and hundreds of lake and outfall testing. These additional tests provide an invaluable service to our community and help to fund continued laboratory functions; and

NOW THEREFORE BE IT RESOLVED that Public Health-Madison and Dane County is authorized to transfer funds from the licensed establishment restricted reserves to the 2022 Operating Budget in the amount of \$60,000 to fund the purchase of the Dionex Ion Chromatography System; and

BE IT FINALLY RESOLVED, Public Health-Madison and Dane County is authorized to amend the 2022 Public Health Operating Budget accordingly and the Director of Public Health, or their designee, is authorized to sign an agreement for purchase of the laboratory equipment outlined above.