

**MALCOLM
PIRNIE**

INDEPENDENT ENVIRONMENTAL
ENGINEERS, SCIENTISTS
AND CONSULTANTS

Water treatment plant optimization is a continuous process as utilities strive to not only meet current and future regulations but also to provide water of superior quality. With improved understanding of water chemistry and advances in technology, optimization can lead to the delivery of a higher quality product at a lower cost. Malcolm Pirnie is prepared to help utilities deal with water treatment plant optimization challenges.

WATER TREATMENT PLANT OPTIMIZATION SERVICES

Malcolm Pirnie is uniquely qualified to assist you with your water treatment plant optimization needs by coupling our intimate knowledge and insight of current, pending and potential future regulations with our detailed understanding of treatment chemistry and familiarity with the latest treatment technologies. Today, as modern tools increasingly become available, plant optimization is within the reach of all water treatment facilities.



Malcolm Pirnie conducts regulatory audits, which identify potential areas of concern and recommend the best and most cost-effective treatment improvements. We can also provide varying levels of training support for your utility, which allows the utility staff to continue the optimization and refinement process long after we are gone.

Plant optimization can extend the life of existing facilities and maximize the return on investment of these important water utility assets. It is our belief that most conventional plants in existence today will still be operating in 50 years, and water treatment professionals will continue to optimize existing processes and rely on familiar treatment methods well into the twenty-first century.