A CUSTOMER SPOTLIGHT:

Truckee Meadows Water Reclamation Facility

Company:
Truckee Meadows
Water Reclamation Facility
Laboratory
Reno, NV
http://www.tmwrf.com/about/laboratory/

Business Strategy:
The Truckee Meadows Water Reclamation Facility (TMWRF) Laboratory is in business to provide laboratory and technical support for Reno and Sparks, Washoe County and associated watershed management programs. The TMWRF Laboratory has an excellent reputation for performing precise, accurate analyses at a competitive cost.

Company Profile:
The cities of Reno and Sparks operate a jointly owned, 46 MGD advanced wastewater treatment plant. The TMWRF Laboratory provides analytical and biological testing for final effluent and reuse permit requirements along with treatment plant in-process support testing. The city of Reno operates a separate 6 MGD wastewater treatment plant. The TMWRF Laboratory provides analytical and biological testing for both permit requirements and in-process testing. The TMWRF Laboratory also provides permit and laboratory support to the City of Sparks, Sparks Marina Lake Park. This is a 77 acre man made, recreational center that supports boating, scuba diving, wind surfing, sailing, fishing, swimming and facilities such as a dog park, volleyball courts and playgrounds. Analytical testing for both the cities of Reno and Sparks Environmental Control programs and support to the Washoe County Watershed Program are also provided by the TMWRF Laboratory.

The TMWRF Laboratory is certified by the State of Nevada as the first step in ensuring high quality data. The TMWRF Laboratory tests surface water, ground water, wastewater, wastewater sludge and gas matrices. Pursuant to the Clean Water Act, the Laboratory holds a Nevada Environmental Laboratory Certification for non-potable water and is certified for 66 parameters.

Sample Master® Pro LIMS at the Truckee Meadows Water Reclamation Facility Laboratory:
The TMWRF Laboratory's goals for acquiring a Laboratory Information Management System (LIMS) centered on sample control, data integrity, improved automated reporting and increasing laboratory efficiencies. They chose ATL's Sample Master® Pro LIMS because it would allow them to achieve their data management and laboratory automation goals.

After implementing Sample Master® Pro LIMS, the TMWRF Laboratory now has much better control and coordination of their samples from sample log in to results entry and reporting. They have better data integrity through the use of results entry, validation and approval steps. Their reporting is now being standardized through the use of the LIMS powerful custom reporting capabilities. The TMWRF Laboratory performs approximately 50,000 analyses annually and with Sample Master® Pro LIMS they can now easily look at trends in the data. Since Sample Master® Pro LIMS is a state-of-the-art laboratory database management system that securely stores all data in a robust centralized database (Microsoft SQL Server) the TMWRF Laboratory has been more efficient by not having to work with multiple systems. The following Sample Master® Pro LIMS modules ensure high data quality and provide the tools to enable the laboratory analysts to be successful in their daily tasks: Sample Tracking, Data Entry, Sample Scheduling, QA/QC, Chemical Inventory, Resource Management and Maintenance.

The TMWRF Laboratory also purchased ATL's National Pollutant Discharge Elimination System (NPDES) Discharge Monitoring Reporting (DMR) Package. The reporting package allows users to rapidly generate the NPDES DMR form from data that is already stored in the LIMS and exported from Sample Master® Pro LIMS. It includes functions to collect and collate all data associated with the NPDES permit number into a final report format that is ready to send via hardcopy, fax or e-mail. These reports can also be converted to Adobe® pdf and can also be sent out electronically. The DMR Reporting Package has saved a significant amount of TMWRF Laboratory resources.

"It is refreshing to work with a company where customer service actually means something and is actively practiced by the organization."

David Bruketta, Laboratory Supervisor
Truckee Meadows Water Reclamation Facility

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Accelerated Technology Laboratories, Inc. is headquartered in West End, North Carolina. For more information, contact ATL at 1-800-565-LIMS (5467) or e-mail us at info@atlab.com or visit www.atlab.com.