


STRATEGIC DIAGNOSTICS INC.

WATER QUALITY MONITORING PROGRAM FOR BAKERIES



**THE PROVEN
CONTAMINANT
DETECTION PROGRAM
FOR INGREDIENT
WATER QUALITY**

“...Many water suppliers are notoriously negligent in implementing even the most basic security practices...”

Consider checking water quality more frequently regardless of its source.”

*Int'l Association for Food Protection
Food Protection Trends Magazine,
Feb. 2003*

Water is an important ingredient used in baking processes and it should be subject to the same strict controls and quality standards demanded of all other ingredients. Baking companies have always assumed they could rely on a supply of high quality water from the local utility. But in today's world, with concerned drinking water utilities assessing their own vulnerabilities and water quality issues, food safety authorities recognize that food processors can no longer afford to make assumptions about the quality of the water they use in their products. Companies looking to protect their brands, and the brands of their customers, need to re-evaluate their quality programs and institute contaminant detection technologies around water as part of their food safety program.

To be effective, a water quality monitoring program, and the technology employed, must display certain characteristics:

- Detection of a broad spectrum of potential contaminants
- Testing accuracy with minimal false positive or false negative response
- Integration into production processes, allowing for adequate time for action
- Reproducible methods and results
- Guidelines and documentation of protocols and response procedures
- Application with a low to moderate level of skill or training required
- Affordable

Working closely with bakeries and food processors, Strategic Diagnostics has developed and proven a comprehensive program that meets all these criteria. Each program is customized around your specific needs via a thorough facility survey with input from your personnel focused on the mechanical, chemical and operational components of each facility.

HOW THE SDI WATER MONITORING PROGRAM WORKS



Assess

Comprehensive Operation Survey – Understand the chemical, mechanical and operational components surrounding your water quality and usage.

Water Supply Analysis - Establish a “Water Quality Fingerprint,” detailing current and potential issues with your water supply

Design

Program Development - Collaborate with your quality and production personnel to develop a comprehensive, custom program to monitor, analyze and define corrective action for water quality.

Simplified Data Analysis – Deliver data in an easy-to-use Excel format that provides quality assurance information with each analysis, and easy to distinguish “Pass” and “Confirm” results for samples.

Auto-Sampling Capabilities - Matching the timing of sample collection and analysis to your production schedules.

Training and Administration

Analyst training and Proficiency Testing – Provide training modules to ensure all operators understand the system.

Program Administration Manual – Document training, procedures and analytical results for testing and emergency response sample analysis.

Support

Inventory Management – SDI will manage your program’s inventory of equipment and supplies minimizing reagent storage requirements and freeing your employees for other tasks while assuring reliable and continuous operation.

Emergency Response – SDI will provide Emergency Response Service 24 hours a day, 365 days a year. Additional support and laboratory analysis of confirmed positive samples provided by a highly regarded, drinking water laboratory.

**Learn how SDI can help protect your
brands and business**

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