

this issue

- New Lab Manager
- Perfect Score
- Holiday Schedule
- DMR Assistance
- Meet the Team
- Updated Price List
- Did you Know?

Did you know?**Addition of Chlorate, Chlorite, and Bromate Analytical Capabilities**

We recently added the analysis of bromate, chlorate, and chlorite to the list of ion chromatograph capabilities by EPA method 300.0. Call for current detection limits and pricing.

Comprehensive Price List Updated for 2010

The list contains a comprehensive list of analyses, services, and supplies. Please call or email for a copy.

MSE Lab Under New Management

The MSE Lab is pleased to introduce Sara Ward as the new Laboratory Manager, replacing Marcee Cameron who has taken a position within MSE as a project support scientist. Marcee will still be available to lab staff for technical advice and assistance. Read Sara's biography in the Meet our Team article in this issue to see her qualifications and experience. Sara is looking forward to getting settled into her new position and eager to meet with clients to help them meet their analytical needs.



Sara Ward New Lab Manager

MSE Lab Receives Perfect Proficiency Testing Score!

The MSE Lab is proud to announce that we **received a perfect score on our Proficiency Test in September 2010.** Parameters with correct scores include Chlorophyll-a, low-level mercury, and low-level nutrients including ammonia, total phosphorus, total persulfate nitrogen, total kjeldahl nitrogen, nitrates, and ortho-phosphorus. As always, results are available upon request.

2011 Agricultural Lab Program

In January, 2011, the MSE Lab will participate in the Agricultural Laboratory Programs Proficiency Testing program. Throughout the year, MSE will analyze 15 soil samples for parameters such as paste pH & EC, organic matter by Walkley Black, organic matter by loss-on-ignition, soil texture, nutrients (available nitrogen, phosphorus, potassium (NPK)), liming requirements (SMP buffer), and metals. Results are available on request.

2011 Wastewater DMR Assistance

The MSE Lab has been assisting clients with DMR reports for several years. Whether you need help setting up a spreadsheet to perform the complex calculations required for your DMR or have questions about requirements or completing your report, we are here to help.

2011 Schedule Jan-Sept

- Monday 5/30/11 - Memorial Day - Closed
- Monday 7/4/11 - Independence Day - Closed
- Monday 9/5/11 - Labor Day - Closed

For special sampling or analytical needs, please notify lab personnel as soon as possible. Please consider these closures when mailing in samples.

MSE Lab Services

PO Box 4078 - 200 Technology Way, Butte, MT 59702
Main Lab: 406-494-7334 Bac-T Lab: 406-494-7209
Fax: 406-494-7255 Website: www.mse-ta.com
E-mail: labinfo@mse-ta.com; mseactlab@mse-ta.com

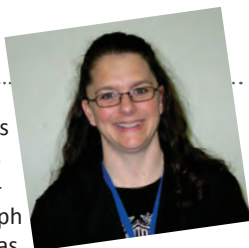


Meet Our Team

Sara Ward

MSE Lab Manager

Sara recently assumed the position of Lab Manager. Prior to this, Sara served as primary Inductively Couple Plasma-Mass Spectrometry (ICP-MS) analyst and back-up analyst on both the Ion Chromatograph (IC) and ICP-AES instrumentation. Sara has attended advanced courses in the operation of the ICP-MS and IC. For the past four years, Sara has been groomed to take over the laboratory and is uniquely qualified to head the operations. Sara has a B.S. in Biology from Montana State University with a minor in Fish and Wildlife Management and 8 years of experience in an analytical laboratory.



Kitrina Wilkins

Associate Engineer/Scientist

Kitrina supports the MSE Laboratory in many capacities, including the operation of Cold Vapor Atomic Absorption, Ion Chromatograph, Inductively Couple Plasma-Mass Spectrometry. Kitrina attended a week-long Dionex Advanced Operator course in Chicago and has applied this knowledge to the refinement of anion analysis and subsequent increased efficiency. She is the lead for Wet Chemistry analysis and serves as the certified back-up analyst in the Bac-T Lab. Kitrina has a B.S. in Chemistry from Montana Tech and is a Certified Analyst through the Montana DPHHS Lab for Bac-T analysis.



Dana Bane-Parsons

Lead MSE Bacteriological (Bac-T) Lab

Dana currently performs all duties required in the MSE Bacteriological (Bac-T) Lab while concurrently acting as the Drafting Lead for MSE's engineering division. Since assuming control of the MSE Bac-T lab in 2009, Dana has streamlined reporting and invoicing and cut the reporting turnaround time in half. Dana has a B.S. in Nursing from Niagara University and an A.S. in Drafting Technology from the Montana Tech COT. In early 2010, Dana received her Certified Analyst certificate from the Montana DPHHS Lab.



Jonathan Cloonan

Wet Chem Technician

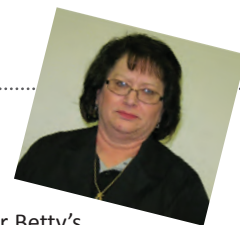
Jonathan, or most recent addition, graduated from Montana Tech with a B.S. in Chemistry in 2010. At Montana Tech, Jonathan worked as a Student Researcher for Don and Andrea Stierle while achieving a high level of academic excellence. Jonathan's prior lab experience makes him a very welcome addition to our team as well as an integral part of future lab expansion plans.



Betty O'Donnell

Sample Preparation Leader

For the past 18 years, Betty has served as Sample Preparation Leader and also Sample Custodian responsible for maintaining sample custody from sample receipt through disposal. Under Betty's supervision, the MSE Lab has implemented procedures for multiple enforcement agencies and a wide variety of matrices, including soil, compost, drinking water, wastewater, ores, slag material, and biological tissues. Betty's insistence upon the highest level of quality and consistency for every sample received in the lab has helped to ensure that our clients receive an unparalleled level of quality each time they submit a sample. Recently, Betty has transitioned to a new role in the Sample Receiving office and brings the same level of excellence to sample log-in and client interactions.



Yan Fang

Sample Preparation Technician

Yan previously served as Wet Chem technician, Soils technician, and is proficient in the operation of the Cold Vapor Atomic Absorption mercury analyzer. Yan's ability to transition to any position within the lab makes her invaluable to lab operations. Yan possesses a B.S. in Geochemistry from the Shenyang Gold Institute in China.



Dan Kindred

Soil Technician

Almost two years ago, Dan started with us as a soil technician. Since then, he has become proficient in all aspects of soils analysis and helped to implement several new methods. Dan has improved efficiency in all aspects of the soils lab and dramatically improved the turn-around time.



Jennifer Somerhalder, Tyler Rye, Bryan Harbert

Interns

Jennifer is responsible for ICP-AES analysis and is completing her senior year at Montana Tech, where she will receive a B.S. in Mechanical Engineering.

Tyler is completing his senior year at Butte High and he plans on attending Montana Tech in the fall of 2011 to pursue a degree in chemistry. Bryan began his freshman year at Montana Tech this year and is pursuing a degree in metallurgical engineering.



Knowledge - Experience - Comprehensive Services

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