

The Hydrargyrum News:

The Official Newsletter of North Shore Analytical, Inc.

Volume 2

January 2012

Who We Are:

The Staff and History of North Shore Analytical (NSA), Inc.

Staff

Linda Christensen-Chemical Engineer, Chief Financial Officer, Technical Manager, Mercury Analyst.

Christopher Gross - Chemist, Chief Operations Officer, Quality Manager, Mercury Analyst.

Kristin Gross - Office Manager, Shipping/Receiving, Data Entry.

History

NSA was founded in March of 2001, by Linda Christensen and Christopher Gross, with a three-part goal in mind: 1) To fill a niche by providing a needed service in Minnesota (there were no in-state laboratories certified for low-level mercury). 2) To provide high quality data, and 3) To provide exceptional customer service.

What we do:

North Shore Analytical, Inc. is a focused environmental laboratory, specializing in the sampling and analysis of water, soil, sediment, and industrial process samples for mercury. The laboratory utilizes EPA methods 1669 and 1631 for sampling and analysis, respectively. NSA also has significant experience in consulting and assisting clients in developing treatment strategies for removing mercury from their waste streams. NSA has been involved in numerous pilot projects with industrial clients, and is ready and willing to assist with either bench scale or plant size technologies. The laboratory is certified by the Minnesota Department of Health - Environmental Laboratory Accreditation Program (MN-ELAP) and the Wisconsin Department of Natural Resources (WDNR).

SPECIAL NOTE:

For all NPDES permittees with mercury monitoring requirements. Check your permit carefully, because you may need dissolved mercury and total suspended solids (TSS). The requirement is usually found in the chapter for the Mercury Minimization Plan rather than the tables of parameters. We have had a number of clients caught off guard by not seeing this requirement in the "usual" location.

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Hydrargyrum: Ancient Greek for "liquid silver", from "hydr" = water and "argyros"

Why should you work with us?

1) Quality. Your analyses are performed by a Chemist or Chemical Engineer with eighteen and twenty-four years (respectively) of combined experience in environmental, analytical, metallurgical and process chemistry, chemical engineering, microbiology, and environmental toxicity. We use dependable instrumentation in a dedicated cleanroom to ensure contamination free results. In addition, we actually enjoy our work and take a bit of pride in how good our data is.

2) Customer Service. When you call with a question or concern, you get to speak with one of the owners of the company, and if we are not immediately available, you will probably get our cell phone numbers and/or a quick callback. We get you sample bottles before you need them, we help you with sample pickup if needed, and we do not make you wait weeks for your data.

3) Reliability and value. We offer high quality services at a reasonable price. In fact, our field personnel rates are lower than many larger labs because we are smaller, more efficient, and have less overhead. We offer some volume discounts, but we do not undercut competitors by offering unrealistic or unreasonable discounts. We have found truth in the old adage "you get what you pay for," and we want you, our clients, to feel that your dollars are well spent.

4) Reputation. We are celebrating our eleventh year of business in 2012, and in those eleven years we have worked very hard to build a reputation for quality analytical work. I am very pleased to say that we have achieved that goal.

*Christopher Gross
Chemist/COO
North Shore Analytical*

What we can do for you:

- Field Services
 - Low level mercury sampling: Typically grab sampling, but Portable composite samplers are available (for "up the pipe investigations")
 - Sampling kit preparation: Tubing and equipment blanks for groundwater wells, with gloves and tyveks provided if needed
 - Client Training/assistance: Phone or email assistance, onsite training for your personnel, or seminar style training for multiple clients.

- Laboratory Services
 - Standard wastewater analyses (cleanroom filtration on dissolved mercury samples).
 - Digestions/extractions and analysis of non-standard samples: process chemicals, paper pulp, tailings, ore, coal etc.
 - In-house, bench scale pilot projects.
 - Assessment and/or validation of mercury remediation/removal technology.

- Client Services
 - Prompt delivery of kits when requested.
 - Sample pickup available via call tag.
 - (Multiple report formats available-.xls, .pdf, etc.)

North Shore Analytical, Inc.

"When you want it done right."