

Lab Certification and Audit Updates

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Why does Laboratory Certification Exist?

- WI DNR Programs
- Accredited Laboratories

How does Laboratory Certification Help?

Technical Assistance

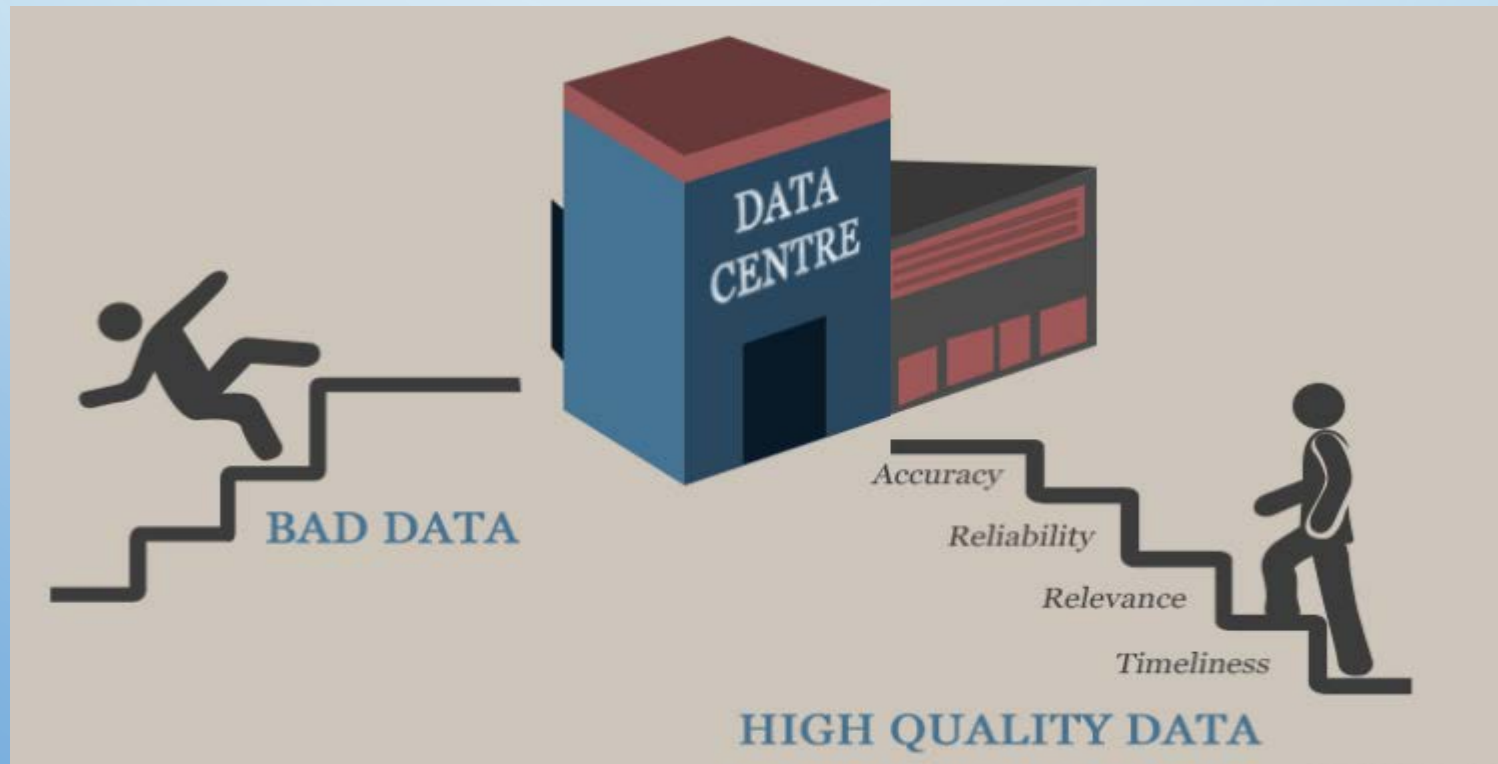
- Interpret code requirements
- Interpret method requirements
- Troubleshoot problems
- Assess regulatory compliance

Common Mission



GOAL

- Defensible, high quality data
- Sound environmental decisions



Sometimes we miss our goal

- A few “bad actors”



Anti - Analysts

- ❑ Changed quality control results
- ❑ Previous deficiencies not maintained
 - Ignored failed quality control, not qualified
- ❑ Falsified data related to Biochemical Oxygen Demand
 - 3 years, no quality control failures, 190 - 210
- ❑ Falsified data > year, no benchsheets or samples
- ❑ Large commercial lab major non-compliance
 - \$220,000 fine

Rumor Proof

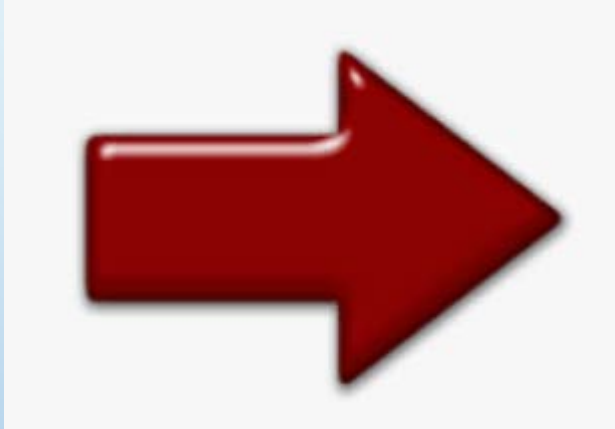
- 9 labs with zero deficiencies 2017
- 17 labs with zero deficiencies 2018



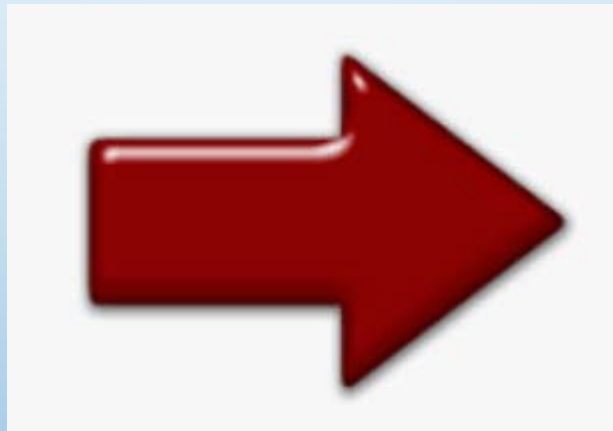
STAFF CHANGES



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The Unusual Suspects



Important Notes

New Method Detection Limit Procedure

- Initial
- On-going

New code (NR 149)

- Status
- Effective date
- Training

Important Notes

Proficiency Testing Samples

- Report the correct method code
- Due date 8.15.19
- After 9.1.19 lose accreditation

Renewal Invoices

- Mailed before Memorial Day
- Due 30 days after invoice date
- After 60 days a late fee is assessed
- After 9.1.19 lose accreditation

Statistics

Number of labs

- Total = 333
- Small = 236
- Large = 97

Lab Types

- Municipal = 211 (50 cert)
- Commercial = 66 (all cert)
- Industrial = 40 (6 cert)
- Public Health = 12 (all cert)
- Hazardous Waste = 4 (2 cert)

Certified vs Registered

Geography

Labs located outside of WI

- 32 of 66 commercial

(CA, CO, FL, GA, IL, IN, KS, MI, MN, NY, PA, TN, WA)

- 3 of 40 industrial

(IL, MI, MN)

- 1 of 211 municipal

(MN)

Whole Effluent Toxicity labs

Environmental Consulting and Testing	Superior, WI
Lake Superior Research Institute (LSRI)	Superior, WI
Pace Analytical Services, LLC-Duluth MN	Duluth, MN
Ramboll US Corporation	Brentwood, TN
Wisconsin State Laboratory of Hygiene	Madison, WI

Take Away

- Ensure all have safe water
- Communicate with Lab Cert
- Rick Mealy
- New Method Detection Limit procedure in effect
- New NR 149 coming soon
- Proficiency Testing Samples deadline
- Renewal fee deadline