

## THERE IS HELP

### EnviroStat, Inc.

was founded to provide specialized training in the areas of field (bulk) sampling, laboratory subsampling, statistics, and quality control.

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EnviroStat presents a practical, easy to understand approach resulting in a sampling system that is correct and scientifically defensible, while minimizing cost.

Course attendees will be lead through a process from defining project objectives to sample plan design, and sample collection. This course has been developed for both the novice and the professional with years of experience.

#### Here's what former class participants have said about the knowledge they've gained:

"This was probably one of the best technical courses I've taken. Very practical information to apply to real-world problems. I believe this course should be mandatory training for anyone associated with any sampling activity!"

"This was by far the best company-provided training I have ever received. I would - and will - recommend this course and instructor."

"A dynamic and energetic instructor who knows how to relate and inspire students. He has a talent for fostering thought and changing the mindset in order to expand the student's ability to solve problems. This class was very enjoyable and will be used immediately because of my new knowledge set."

# CHARACTERIZATION, COMPLIANCE, CONTAMINATION, AUDITING, QUALITY CONTROL, PROCESS CONTROL

## DO YOU KNOW...

- ...that poor sampling -underestimates the mean -generates outliers -increases the number of samples required
- ...the seven major sampling errors
- ...how to calculate sampling error
- ...how to make your sampling defensible
- ...how to minimize sampling costs
- ...that random location alone is not enough to eliminate sampling bias
- ...the two types of heterogeneity and how they impact sampling error
- ...why replicate analyses do not agree - it may not be the lab



## ANYONE CAN TAKE SAMPLES - AND JUST ABOUT EVERYONE DOES!

However, thousands of test results are questionable or wrong due to sampling error. Sampling error can be the largest source of error in the decision making process. That's why you need an understanding of correct sampling principles and the ability to correctly apply them to your assessment. Sampling is a scientifically-based methodology that is technical and purpose-specific.

## SAMPLING IS MORE THAN SCOOPING MATERIAL INTO BUCKETS.



## SAMPLING for DEFENSIBLE DECISIONS

The definitive "how-to" course on sampling - from plan design and economic considerations, to implementation and interpretation

Offered by:

**ENVIROSTAT**

EnviroStat, Inc.