Message

From: Gerry Ruopp [gerry.ruopp@centralwire.com]
Sent: 3/8/2016 2:24:02 PM
To: Nordine, John [nordine.john@epa.gov]
CC: Bob Kay [rtkay@usgs.gov]; Jack Thorsen [jack@autumnwoodesh.com]
Subject: RE: Response to Comment on January 2016 Monthly Progress Report EPA Comments

John --
I will discuss with Bob and Jack Thorsen and respond in 30 days or less.

Gerry Ruopp

From: Nordine, John [mailto:nordine.john@epa.gov]
Sent: Tuesday, March 08, 2016 7:35 AM
To: Gerry Ruopp <gerry.ruopp@centralwire.com>
Cc: Bob Kay <rtkay@usgs.gov>; Jack Thorsen <jack@autumnwoodesh.com>
Subject: Response to Comment on January 2016 Monthly Progress Report EPA Comments

Mr. Ruopp,

Techalloy needs to identify what they use to cool the samples. The EPA has never heard of a sample freezing in the cooler due to contact with regular ice (frozen water). If the sample bottles are freezing and regular ice is the coolant it is almost certain the freezing is because the samples are being exposed to sub-freezing atmospheric temperatures for a long enough period to freeze one or more of the sample vials. If this is what's going on, Techalloy needs to alter their sample handling procedures. Note that if the samples are being exposed to the atmospheric conditions long enough to freeze in the winter, they are likely being exposed to the atmosphere long enough to heat up in the summer-with or without ice in the cooler.

If Techalloy uses DRY ICE to cool their samples freezing a sample is possible. If Techalloy uses dry ice to cool their samples additional packing material around the samples to physically separate them from the dry ice should work, but it may be easier to just use regular ice (in baggies) in the coolers.

Please provide a repose within 30-days. If you have any questions please contact me.

Respectfully,

John Nordine, CPG, LPG
U.S. EPA, Region 5
RCRA Corrective Action Section
77 W. Jackson Blvd. LU-9J
Chicago, Illinois 60604

Phone: 312-353-1243
Fax: 312-385-5338

"The great end of education is to discipline rather than finish the mind; to train it to use of its own powers rather than to fill it with the accumulation of others." Tryon Edwards
"Don't interfere with anything in the Constitution. That must be maintained, for it is the only safeguard of our liberties" Abraham Lincoln

Warning: This communication, along with any attachments, is covered by federal and state law governing electronic communications and may contain confidential and legally privileged information. If the reader of this message is not the

intended recipient, you are hereby notified that any dissemination, distribution, use or copying of this message is strictly prohibited. If you have received this in error, please reply immediately to the sender and delete this message.