

Alaska Scientific Crime Detection Laboratory

Change in Instrument Status Form

Issued: 12/15/2017
Effective: 12/15/2017

Version: CIISF 2017 R0
Status: Active

Date: _____ Instrument Serial Number: _____

Instrument Location: _____

Supervisor Name and Agency: _____

Describe the Status Change or Issue with the Instrument:

If instrument was placed in service or removed from service, fill out the appropriate sections below.

In Service Date/Time: _____

Out of Service Date/Time: _____

For Use by SCDL

Additional Notes

Email completed form to dps.scdl.toxicology@alaska.gov

For questions contact the Breath Alcohol Program at 907-269-5740

Walton, Derek J (DPS)

From: Walton, Derek J (DPS)
Sent: Wednesday, July 7, 2021 10:15 AM
To: Kevin Kelson
Subject: RE: north slope datamaster

Hello Det. Kelson,

Alright I had thought that we had instruments available to send out immediately but I was mistaken.

What I'd like to have you do is to set up 100687 in the original location where you had your previous instrument. Let it warm up for an hour, then run a VOC. (We're using 100687 because at least that one passed initially and if a miracle occurs, at least that one will upload also.) As I'm sure you know, it's not going to let you run any subject tests without a passing VOC. I'd like to get one VOC per shift for the next few days (feel free to start it and walk away) until we can get a replacement instrument shipped to you. Multiple VOCs in a day won't help at this point and will only create more info for us to sift through later (we print and sign all of these).

This will give us some "over-time" data that may help determine what, if anything, is going on. In the meantime, I'm going to reach out to the instrument manufacturer to see if they have any idea what might be causing this. We'll ship a replacement Datamaster when possible but it may take a few days due to lab staffing limitations.

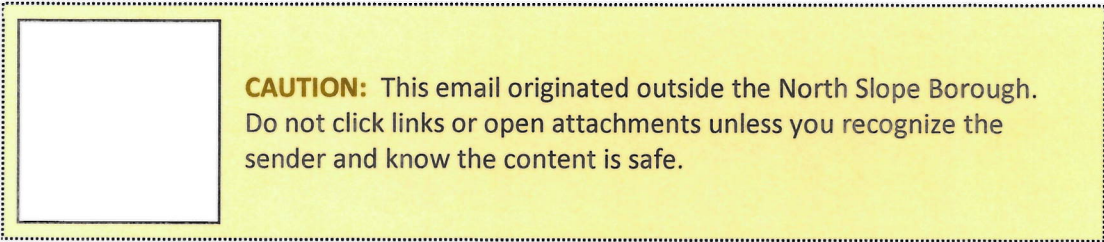
Derek Walton

Forensic Scientist
State of Alaska Scientific Crime Detection Laboratory

From: Kevin Kelson <Kevin.Kelson@north-slope.org>
Sent: Wednesday, July 7, 2021 9:17 AM
To: Walton, Derek J (DPS) <derek.walton@alaska.gov>
Subject: RE: north slope datamaster

Attempted VOC this morning again. Internal standard error

From: Walton, Derek J (DPS) <derek.walton@alaska.gov>
Sent: Tuesday, July 06, 2021 4:50 PM
To: Kevin Kelson <Kevin.Kelson@north-slope.org>
Subject: RE: north slope datamaster



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Alright well there's not much more we can do this afternoon. This instrument is out of service at this time. I'd appreciate if someone would attempt another VOC in the 2nd room tomorrow morning. I can ship a replacement instrument tomorrow.

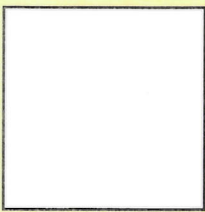
Derek Walton

Forensic Scientist
State of Alaska Scientific Crime Detection Laboratory

From: Kevin Kelson <Kevin.Kelson@north-slope.org>
Sent: Tuesday, July 6, 2021 4:46 PM
To: Walton, Derek J (DPS) <derek.walton@alaska.gov>
Subject: RE: north slope datamaster

Internal standard fail again. The new room is cleaner, cooler and the DMT is sitting alone on a level surface. No cleaners have been used in this room today

From: Walton, Derek J (DPS) <derek.walton@alaska.gov>
Sent: Tuesday, July 06, 2021 4:33 PM
To: Kevin Kelson <Kevin.Kelson@north-slope.org>
Subject: RE: north slope datamaster



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OK. I looked through the data for both instruments. Both were reading normally at the lab during certification. 687 was also fine on 6/16, then the internal standard values increased on 6/26 until it was taken out of service. It's hard to say if whatever changed happened that day or a previous day because there weren't any other breath tests between them.

100399, on the other hand, did not meet the criteria right from the get go. The internal standard value was just over 4% on the first VOC, rose to 5%, then 2 VOCs with interference detected on filter 3 (usually environmental), and after that the internal standard value rose again to 10 and 11%.

Would you be able to move the Datamaster into another room for a little while? I want to investigate the possibility that it's environmental. The tank can stay installed while it's moved. The process would be shut off, move, restart, wait for the timer, run another VOC.

I know this seems like a lot of messing around and it is; I appreciate your patience. I'm trying to get more information about what might be going on so I'm confident that a third instrument would actually address it instead of experiencing the same issue.

Derek Walton

Forensic Scientist
State of Alaska Scientific Crime Detection Laboratory

From: Kevin Kelson <Kevin.Kelson@north-slope.org>
Sent: Tuesday, July 6, 2021 4:13 PM
To: Walton, Derek J (DPS) <derek.walton@alaska.gov>
Subject: Re: north slope datamaster

Purged 10 minutes. Waited 3 min and attempted a VOC again. Internal standard error

Sent from my iPhone

On Jul 6, 2021, at 4:00 PM, Kevin Kelson <Kevin.Kelson@north-slope.org> wrote:

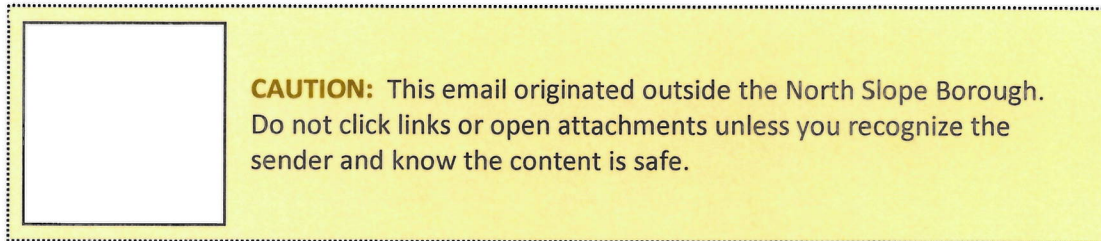
Purging 399 now

From: Walton, Derek J (DPS) <derek.walton@alaska.gov>

Sent: Tuesday, July 06, 2021 3:54 PM

To: Kevin Kelson <Kevin.Kelson@north-slope.org>

Subject: RE: north slope datamaster



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Will you please plug in 100687, download the data from that one, and send it to me ASAP. I'm curious as to whether the internal standard changed suddenly on that one as well.

On 100399, something to try would be purging the sample chamber for maybe 10 minutes. This can be accessed through Functions on the main menu. Afterward, let it warm back up for a couple minutes, then try another VOC. If that doesn't work, we may need to send you a replacement.

Derek Walton

Forensic Scientist

State of Alaska Scientific Crime Detection Laboratory

From: Kevin Kelson <Kevin.Kelson@north-slope.org>

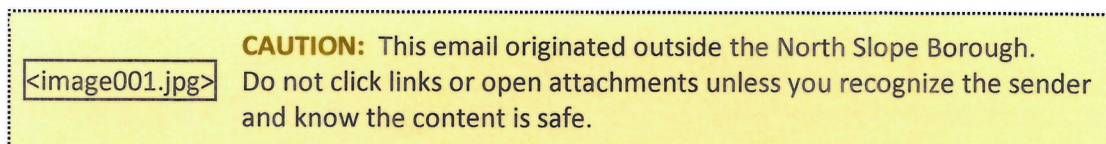
Sent: Tuesday, July 6, 2021 1:55 PM

To: Walton, Derek J (DPS) <derek.walton@alaska.gov>

Subject: Re: north slope datamaster

Left you a VM. Another internal standard error on diagnostic

On Jul 6, 2021 at 1:53 PM, <[Derek J \(DPS\) Walton](mailto:Derek J (DPS) Walton)> wrote:



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Thank you. Yes, the internal standard values are unusually high – we expect values of less than 4% and they are around 10% to 11%. What happened after waiting a while?

Derek Walton

Forensic Scientist
State of Alaska Scientific Crime Detection Laboratory

From: Kevin Kelson <Kevin.Kelson@north-slope.org>
Sent: Tuesday, July 6, 2021 11:51 AM
To: Walton, Derek J (DPS) <derek.walton@alaska.gov>
Subject: north slope datamaster

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