

# 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: 11/08/2018 Instrument Serial Number: 100375

Instrument Location: Denali National Park

Supervisor Name and Agency: Brandi Barnett SCDL

Describe the Status Change or Issue with the Instrument:

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

In Service Date/Time: 11/07/2018 1428

Out of Service Date/Time: 11/08/2018 0909

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**For Use by SCDL**

**Additional Notes**

Tank was changed on 11/07/2018 by David Stack and several subsequent VOCs failed due to internal standard error and one blank error.  
See attached email for further documentation. Remote VOC passed on 11/08/2018 and instrument will continue to be monitored.

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Email completed form to [dps.scdl.toxicology@alaska.gov](mailto:dps.scdl.toxicology@alaska.gov)

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

## Barnett, Brandi M (DPS)

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**From:** Barnett, Brandi M (DPS)  
**Sent:** Thursday, November 08, 2018 9:34 AM  
**To:** 'David Stack'; Foster, Charles R (DPS)  
**Cc:** Dave Stack; Walton, Derek J (DPS); O'Bryant, Colleen S (DPS)  
**Subject:** RE: [EXTERNAL] Denali National Park Datamaster Issues

David,

I reviewed all your VOCs. It appears that the internal standard value jumped dramatically following your tank change and then gradually dropped back to normal. Your final VOC you attempted passed the internal standard but failed with a blank error. This was possibly due to the fact that there were so many VOC's run in a row and perhaps it wasn't ventilating well enough. I ran a VOC remotely and it passed and looks fine. I believe that we should monitor your instrument but leave it in service for now. Can you run a breath test every couple days for the next few weeks so we can see if there are any further issues?

Brandi

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**From:** David Stack [[mailto:david\\_stack@nps.gov](mailto:david_stack@nps.gov)]  
**Sent:** Wednesday, November 07, 2018 8:35 PM  
**To:** Foster, Charles R (DPS)  
**Cc:** Dave Stack; Walton, Derek J (DPS); O'Bryant, Colleen S (DPS); Barnett, Brandi M (DPS)  
**Subject:** Re: [EXTERNAL] Denali National Park Datamaster Issues

I tried another VOC. It passed the pump error but had an external standard error. I'm sure you guys would know more than I would if you saw the VOC's are you guys able to see those on your end? Thanks.

Sent from my iPhone

On Nov 7, 2018, at 16:06, Stack, David <[david\\_stack@nps.gov](mailto:david_stack@nps.gov)> wrote:

No worries. It occurred to me that a potential error could be the temp of the external standard. It was still in the cardboard box with the paper packing material, but sitting on a concrete floor. It's in a heated building, but with temps below zero this past week, I wonder if being on the cold floor (even in the box with paper packing) could be the issue. I'm back in Sunday and can run a diagnostic test then.

Do I need to be here to sign for it or can another law enforcement officer do so? If any law enforcement officer works, then please send ASAP. If not, I'll reply Sunday with a date I'll be in the office.

Shipping address:  
Denali National Park  
Shaffer Building - VRP  
Mile Marker 237 George Parks Highway  
Denali, AK  
99755

Thanks!

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Dave Stack  
U.S. Park Ranger  
Denali National Park and Preserve  
Office: 907-683-9527  
Dispatch: 907-683-9555

In 2017, 331 million park visitors spent an estimated \$18.2 billion in local gateway regions while visiting National Park Service lands across the country. These expenditures supported a total of 306 thousand jobs, \$11.9 billion in labor income, \$20.3 billion in value added, and \$35.8 billion in economic output in the national economy. *Learn more [here](#).*

On Wed, Nov 7, 2018 at 3:58 PM Foster, Charles R (DPS) <[charles.foster@alaska.gov](mailto:charles.foster@alaska.gov)> wrote:

Hi Dave,

Sorry I missed your call. Internal standard errors and pump on errors during the diagnostic sound like some sort of detector issue, not something to do with the tank change you performed. We're probably going to need to send you a replacement Datamaster. When would you like us to send it?

Thanks,

Chuck

Charles Foster

Chemistry Supervisor

Scientific Director - Breath and Blood Alcohol Program

Alaska Scientific Crime Detection Laboratory

907-269-5760