



VERMONT FORENSIC LABORATORY

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DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Washington County SD DataMaster Serial #: 100154

Date: 8/17/2013 Requestor: Bret Meyer

Instrument Supervisor: Bret Meyer Phone #: (802) 223-3001

Taken By: R. Driscoll

Problem: Instrument rebooted post subject test. _____

Laboratory Response: R. Driscoll to contact DMT supervisor to gather further information. _____

Work Performed: DMT supervisor states that the instrument rebooted after subject test on two occasions. The subject had burped prior to the second breath sample so the officer selected "NO" when asked if the subject would like a second test. The officer then tried to run another DUI test, but after inputting the subject's information and selecting "OK", the DMT rebooted itself. This sequence of events happened two times. Inspected the instrument on site. The DMT supervisor entered a "mock" DUI test and inputted the data as done the night of the fails. The DMT did not reboot. Ran a Diagnostic and completed a DUI subject test to verify the instrument is working within the manufacturer's specifications. Could possibly be a software "glitch" that caused the instrument to reboot. However, rebooting the instrument's software does not affect the ability of the DMT to properly analyze a subject sample. Therefore, the completed DUI subject tests are accurate and valid. At the VFL, we will further attempt to recreate the software reboot condition. _____

On Site In-house

Attachments: 7 pages

Performed By: R. Driscoll RCD

Date: 8/29/2013

Final Review: [Signature]

Date: 9/3/2013

Driscoll, Rob

From: Bolduc, Amanda
Sent: Monday, August 19, 2013 7:44 AM
To: Meyer, Bret
Cc: Driscoll, Rob
Subject: RE: WACSD DMT

Bret, I have forwarded you issue to Rob to check out. It could be a software glitch or possibly a hardware problem. We need more information. Can you call Rob when you're back to work to discuss? Thanks!

Amanda Bolduc, MFS
Alcohol Program Forensic Chemist
Vermont Forensic Laboratory
Department of Public Safety
103 South Main Street
Waterbury, VT 05671
(802) 241-5300 (ph)
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From: Meyer, Bret
Sent: Saturday, August 17, 2013 1:05 PM
To: Bolduc, Amanda
Subject: WACSD DMT

Amanda,

On Friday night had an issue with the DMT at the Sheriff's Department.

On two occasions I got a breath sample and when I asked about a second sample the subject burped. I pressed no for the second test and let it refresh and entered the info. back in. When I press ok it went into a black screen with large letter on top NPAS and underneath that Microsoft Windows CE v5.00 (Build on Aug 2008)

It acted like the touch screen had issues.

I ended up shutting the unit down and turning it back on and it asked for a driver. I xd that out and it refreshed itself with a timer and ran fine.

Not sure if this is an issue that needs to be dealt with or not.

I will be out of state Monday and Tuesday. then back to work on Wednesday morning.

Lieutenant Bret Meyer

1
2 of 8 Recd



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100154
Location: Washington County SO
Certification Date: 11/17/2011
Installation Date: 12/08/2011

Date: 08/17/2013
Time: 01:18:05

SUBJECT NAME:

DOB: [REDACTED] AGE: [REDACTED]
GENDER: [REDACTED]
LICENSE #: [REDACTED]

CASE #: [REDACTED]
TIME OF OPERATION: 23:12
LOCATION OF INCIDENT:
NORTH MAIN ST. & RICHARDSON RD
TOWN: BARRE (CITY)
COUNTY: WASHINGTON

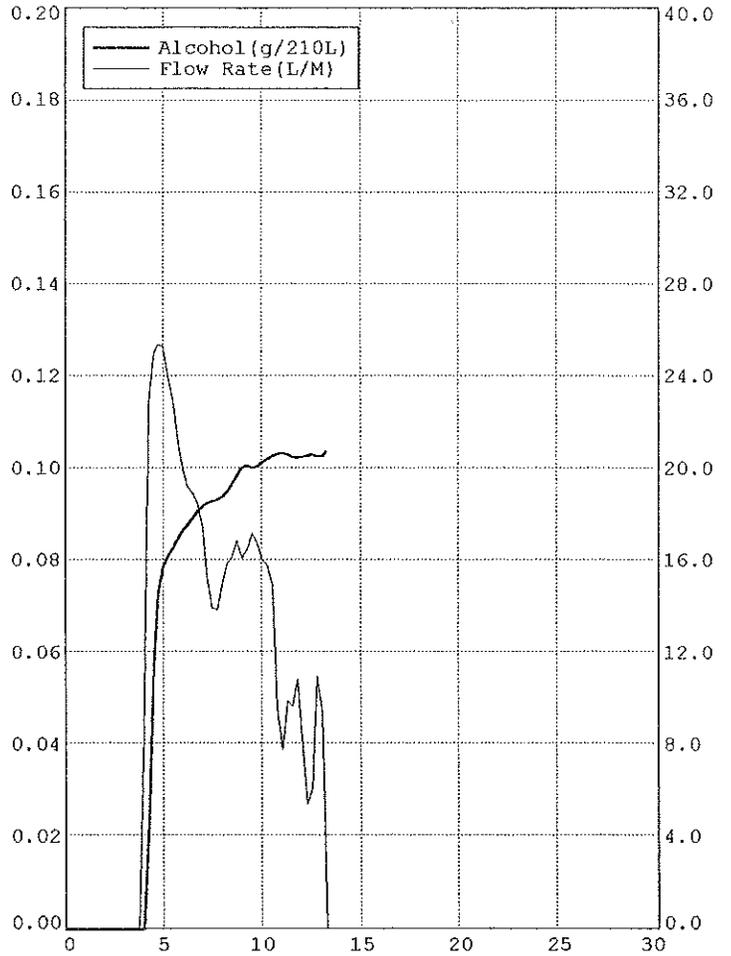
TEST OPERATOR NAME:
BRET S MEYER
AGENCY: WASHINGTON COUNTY SO

Obs. Period Start: 01:03

Table with 3 columns: Test Name, Value, Time. Includes BLANK TEST, CALIBRATION CHECK, SIMULATOR VAPOR 34.0°C, and SUBJECT SAMPLE (Vol=2.4L).

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.097
Sim. Vapor Range 0.092 - 0.102
Lot #: 12-89-100





DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100154
Location: Washington County SO
Certification Date: 11/17/2011
Installation Date: 12/08/2011

Date: 08/17/2013
Time: 01:57:54

SUBJECT NAME:

DOB:
GENDER:
LICENSE #:

CASE #:
TIME OF OPERATION: 23:12
LOCATION OF INCIDENT:
NORTH MAIN & RICHARDSON RD
TOWN: BARRE (CITY)
COUNTY: WASHINGTON

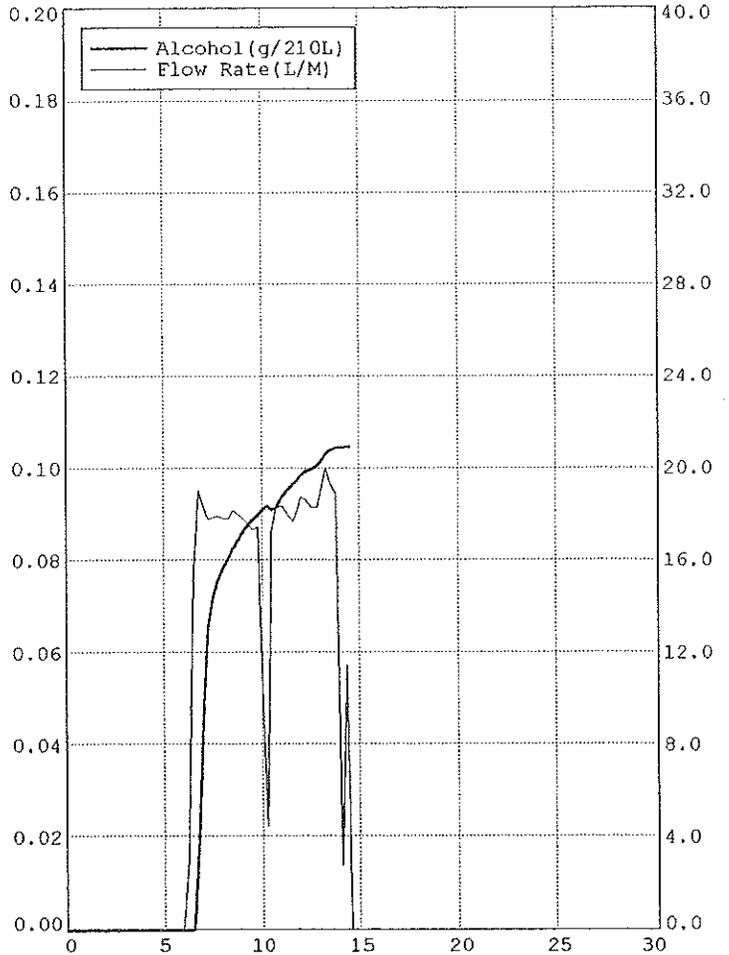
TEST OPERATOR NAME:
BRET S MEYER
AGENCY: WASHINGTON COUNTY SO

Obs. Period Start: 01:35
Obs. Restart: burped 01:38
Obs. Restart: burped 01:42

BLANK TEST 0.000 01:58
CALIBRATION CHECK PASSED 01:58
SIMULATOR VAPOR 34.0°C 0.096 01:59
BLANK TEST 0.000 02:00
SUBJECT SAMPLE (Vol=2.3L) 0.105 02:00

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.097
Sim. Vapor Range 0.092 - 0.102
Lot #: 12-89-100





DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100154
Location: Washington County SO
Certification Date: 11/17/2011
Installation Date: 12/08/2011

Date: 08/17/2013
Time: 02:29:15

SUBJECT NAME:

DOB: [REDACTED] AGE: [REDACTED]
GENDER: [REDACTED]
LICENSE #: [REDACTED]

CASE #: [REDACTED]
TIME OF OPERATION: 23:12
LOCATION OF INCIDENT:
NORTH MAIN STREET & RICHARDSO
TOWN: BARRE (CITY)
COUNTY: WASHINGTON

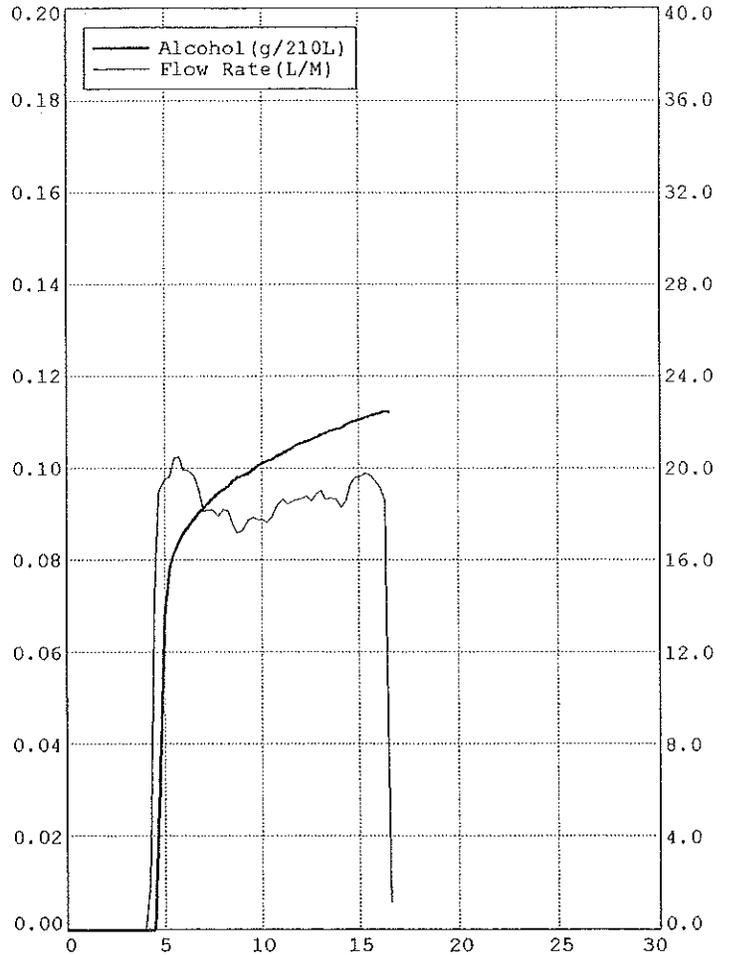
TEST OPERATOR NAME:
BRET S MEYER
AGENCY: WASHINGTON COUNTY SO

Obs. Period Start: 02:14

BLANK TEST	0.000	02:30
CALIBRATION CHECK	PASSED	02:30
SIMULATOR VAPOR 34.0°C	0.095	02:30
BLANK TEST	0.000	02:31
SUBJECT SAMPLE (Vol=3.7L)	0.113	02:32

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.097
Sim. Vapor Range 0.092 - 0.102
Lot #: 12-89-100



DIAGNOSTIC RESULT



DataMaster DMT:100154
Location: Washington County SO
Calibration Date: 11/16/2011
Certification Date:11/17/2011
Installation Date: 12/08/2011
Test Date: 08/29/2013
Test Time: 08:47:55

VERSIONS

DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.69 V
Bias Voltage = 81 V
Chopper Freq = 539 Hz

PUMP INFO

Flow Rate = 5.772 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.2467	0.2492
MIN(V)	0.2455	0.2474

FILTER INFO

Filter 1	0.248	Zero = true
Filter 2	0.575	Zero = true
Filter 3	1.548	Zero = true

CALIBRATION CHECK

Xq = 0.088 0.90%

Status Record History

Status Date	Status Time	Test Type	Status Message
11/22/2011	09:07:50	Accuracy & Precision Records	Simulator Temperature Unknown
11/22/2011	10:53:35	Accuracy & Precision Records	Simulator Timed Out
12/22/2011	11:31:47	DUI Subject Record	RESPONSE TIMEOUT
02/16/2012	11:51:54	RPC Record	RF NOT DETECTED
05/27/2012	03:39:47	DUI Subject Record	Simulator Out of Range
05/27/2012	03:43:02	DUI Subject Record	Simulator Out of Range
06/17/2012	02:27:24	DUI Subject Record	RESPONSE TIMEOUT
09/22/2012	01:20:23	DUI Subject Record	RESPONSE TIMEOUT
09/22/2012	01:33:41	DUI Subject Record	RESPONSE TIMEOUT
10/20/2012	18:22:31	DUI Subject Record	Simulator Out of Range
10/22/2012	10:55:45	RPC Record	RF NOT DETECTED



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100154
 Location: Washington County SO
 Certification Date: 11/17/2011
 Installation Date: 12/08/2011

Date: 08/29/2013
 Time: 09:18:19

SUBJECT NAME:
 TEST TEST
 DOB: 01/01/1990 AGE: 23
 GENDER: M
 LICENSE #: XXXXX VT

CASE #: XXXXX
 TIME OF OPERATION: 12:00
 LOCATION OF INCIDENT:
 MAIN STREET
 TOWN: MONTPELIER
 COUNTY: WASHINGTON

TEST OPERATOR NAME:
 ROBERT DRISCOLL
 AGENCY: VFL

Obs. Period Start: 09:03

BLANK TEST	0.000	09:19
CALIBRATION CHECK	PASSED	09:19
SIMULATOR VAPOR 33.9°C	0.095	09:19
BLANK TEST	0.000	09:20
SUBJECT SAMPLE (Vol=2.3L)	0.000	09:20

BLANK TEST	0.000	09:21
CALIBRATION CHECK	PASSED	09:22
SIMULATOR VAPOR 33.9°C	0.096	09:22
BLANK TEST	0.000	09:23

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
 Sim. Vapor Concentration 0.097
 Sim. Vapor Range 0.092 - 0.102
 Lot #: 12-89-100

