VERMONT FORENSIC LABORATORY

PO BOX 47
WATERBURY, VERMONT 05676-0047
TEL: 802-244-8788
FAX: 802-241-5557
http://vfl.vermont.gov

DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Bennington CSO **DataMaster Serial #:** 100163

Date: 3/29 /2012 Requestor: A. Bolduc

Instrument Supervisor: Joel Howard Phone #: 442-4900

Taken By: A. Bolduc

Problem: ALB received an email from Alex Burke at Bennington SA's office regarding an unusual ticket. BrAC on graph did not match reported result.

Laboratory Response: ALB contacted Bennington CSO to put instrument out of service

Bennington CSO to deliver unit to VFL for repair

Work Performed: ALB downloaded the raw data files and examined the unusual ticket in question. Consulted with software engineer at NPAS regarding test, who also discussed the issue with the hardware engineer. NPAS advised that this was most likely due to the 5-way valve failing to active subsequent to the sample being delivered. The 5-way valve was tested and was found to be performing quite poorly. All other tests taken on this instrument were inspected and none were found to contain this anomaly. The 5-way valve was replaced and tested and the unit returned to service. The date was also found to be off by one day, the date was corrected.

☐ On Site ☒ In-house Attachments: 11 pages

Performed By: A. Bolduc Date: 4/9/2012

Final Review: [signature] Date: 4/9/2012

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO

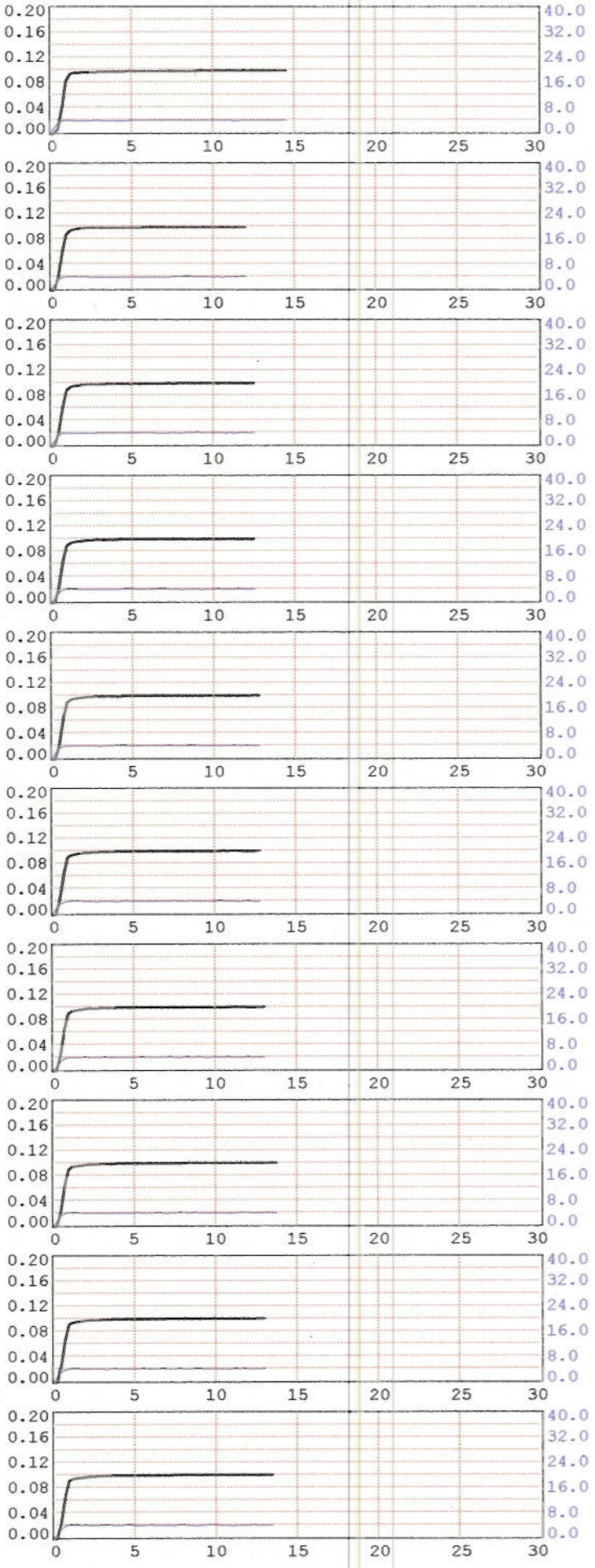
Date: ~~04/08/2012~~ 4/9/12 AMB
Time: 13:32:24

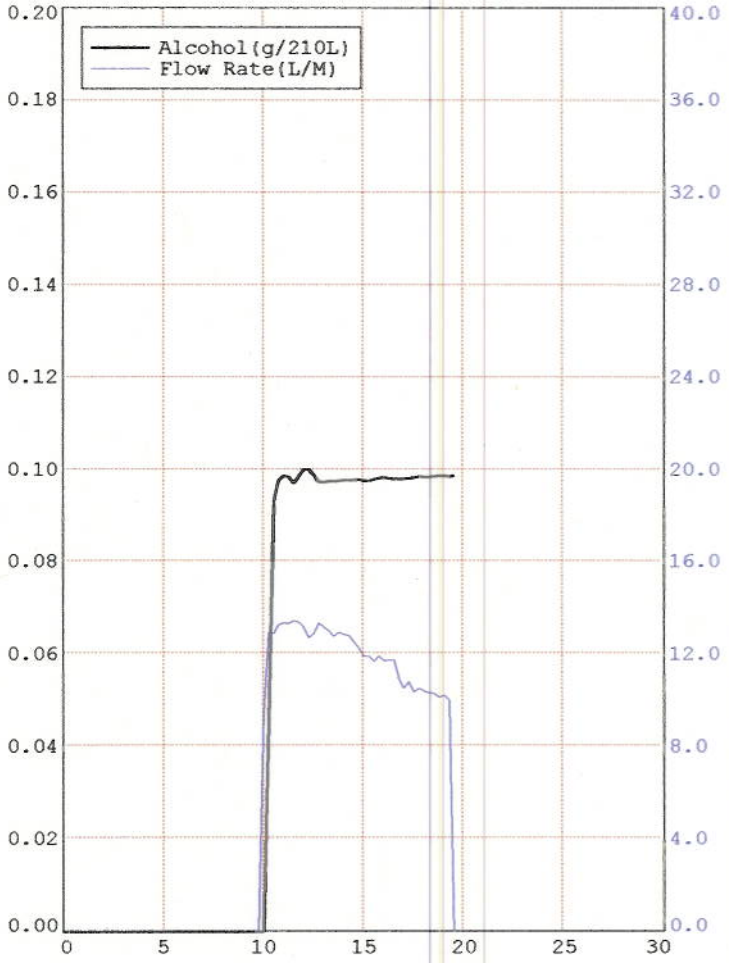
SUPERVISOR NAME:
AMANDA BOLDUC

SOLUTION LOT #: 12-61-100
SOLUTION CONCENTRATION: 0.101

BLANK TEST	0.000	13:33
CALIBRATION CHECK	PASSED	13:33
SIMULATOR VAPOR 34.0°C	0.100	13:33
SIMULATOR VAPOR 34.0°C	0.100	13:34
SIMULATOR VAPOR 34.0°C	0.100	13:35
SIMULATOR VAPOR 34.1°C	0.101	13:36
SIMULATOR VAPOR 34.1°C	0.101	13:38
SIMULATOR VAPOR 34.1°C	0.101	13:39
SIMULATOR VAPOR 34.1°C	0.100	13:40
SIMULATOR VAPOR 34.0°C	0.101	13:41
SIMULATOR VAPOR 33.9°C	0.101	13:42
SIMULATOR VAPOR 34.1°C	0.101	13:43
BLANK TEST	0.000	13:44

Average = 0.100
Std Dev = 0.000





CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: ~~04/08/2012~~ 4/9/12 AB
Time: 13:46:39

SUBJECT NAME:
TEST TEST
DOB: 04/09/2000 AGE: 11
GUARDIAN PRESENT: Y
GENDER: F

TEST OPERATOR NAME:
AMANDA BOLDUC
AGENCY: VFL

BLANK TEST	0.000	13:47
CALIBRATION CHECK	PASSED	13:47
SIMULATOR VAPOR 33.9°C	0.101	13:48
SUBJECT SAMPLE (Vol=1.9L)	0.100	13:48
BLANK TEST	0.000	13:50

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100
Sim. Vapor Range 0.095 - 0.105
Lot #: 12-58-100

Lot #12-64-100
0.101 Simulator Solution
blown through Subject
Sample.
AB

Amanda,

Attached is a ticket from the Bennington County SD that I can't figure out. The chart shows the blood alcohol go above a .08%, but subject sample section indicates a .067. Do you know why this would be?

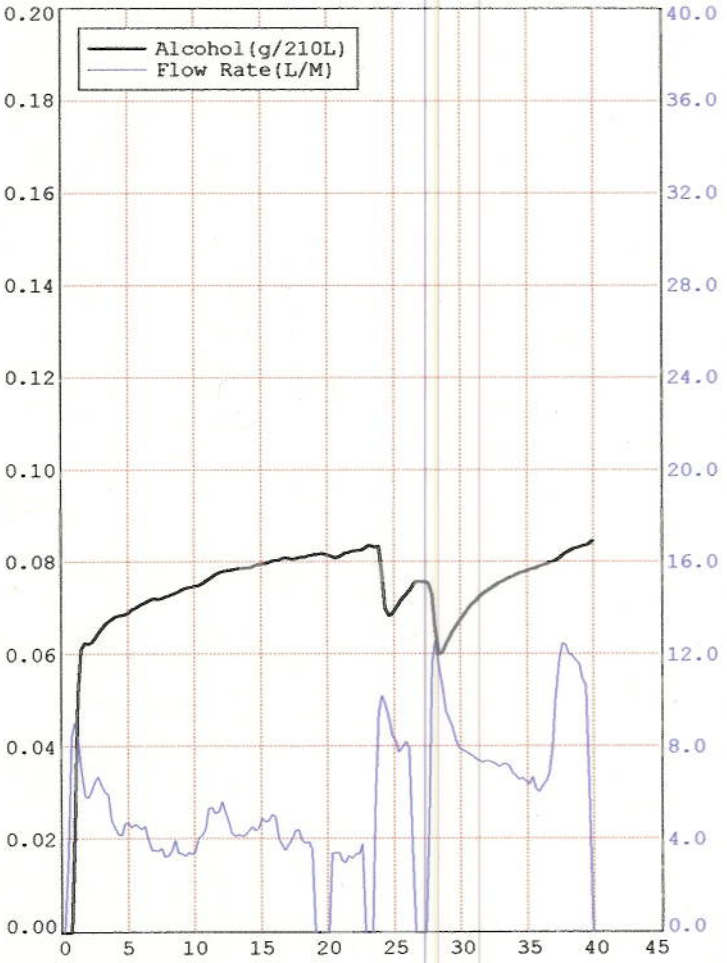
Thanks,
Alex

Alexander N. Burke
Deputy State's Attorney
Bennington County State's Attorney's Office
150 Veterans Memorial Drive
Bennington, Vermont 05201
802-442-8116
802-447-2775 (fax)

-----Original Message-----
From: DO.NOT.REPLY@bennington.sas [mailto:DO.NOT.REPLY@bennington.sas]
Sent: Thursday, March 29, 2012 7:46 AM
To: Burke, Alexander
Subject:

This E-mail was sent from "SASBenningtonCoDMC001" (Aficio MP 4001).

Scan Date: 03.29.2012 07:45:51 (-0400)
Queries to: DO.NOT.REPLY@bennington.sas



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: 03/17/2012
Time: 01:00:16

SUBJECT NAME:
ROBERT M GEORGE
DOB: 09/28/1963 AGE: 48
GENDER: M
LICENSE #: 40411031 VT

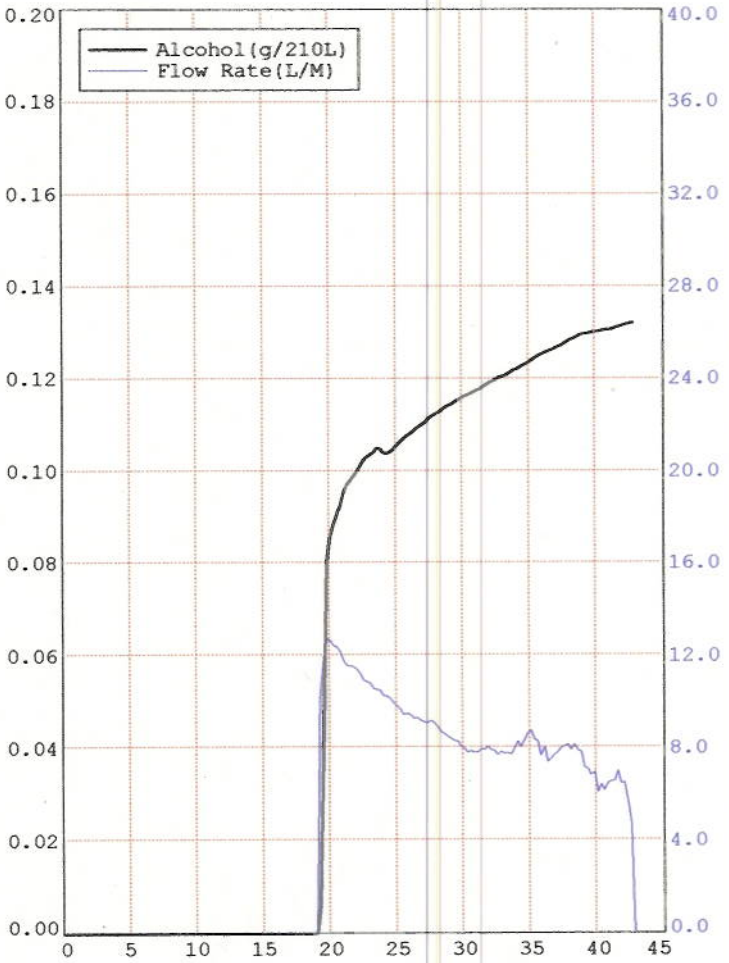
CASE #: 12BNC0158
TIME OF OPERATION: 12:31
LOCATION OF INCIDENT:
PARK STREET
TOWN: BENNINGTON
COUNTY: BENNINGTON

TEST OPERATOR NAME:
JOEL R HOWARD
AGENCY: BENNINGTON COUNTY SO

Obs. Period Start:		00:45
BLANK TEST	0.000	01:01
CALIBRATION CHECK	PASSED	01:01
SIMULATOR VAPOR 33.9°C	0.099	01:01
BLANK TEST	0.000	01:02
SUBJECT SAMPLE (Vol=1.7L)	0.067	01:03

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100
Sim. Vapor Range 0.095 - 0.105
Lot #: 12-58-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: 10/15/2011
Time: 22:20:32

SUBJECT NAME:
PARK C GRISWALD
DOB: 09/21/1954 AGE: 57
GENDER: M
LICENSE #: 40090550 VT

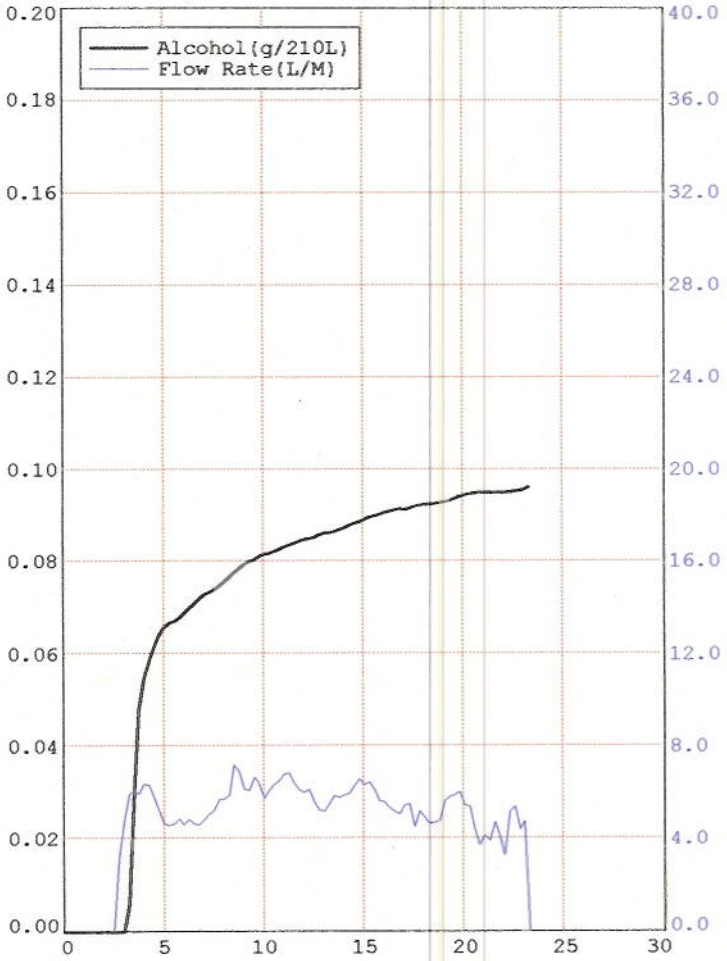
CASE #: 11BNC0477
TIME OF OPERATION: 21:12
LOCATION OF INCIDENT:
VT RTE 100 STAMFORD
TOWN: STAMFORD
COUNTY: BENNINGTON

TEST OPERATOR NAME:
PHIL J FRASIER
AGENCY: BENNINGTON COUNTY SO

Obs. Period Start:		22:05
BLANK TEST	0.000	22:21
CALIBRATION CHECK	PASSED	22:21
SIMULATOR VAPOR 33.8°C	0.099	22:21
BLANK TEST	0.000	22:22
SUBJECT SAMPLE (Vol=3.4L)	0.133	22:23

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.102
Sim. Vapor Range 0.097 - 0.107
Lot #: 12-13-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: 02/25/2012
Time: 00:58:11

SUBJECT NAME:
RICHARD J HOWE
DOB: 03/04/1953 AGE: 58
GENDER: M
LICENSE #: 40260382 VT

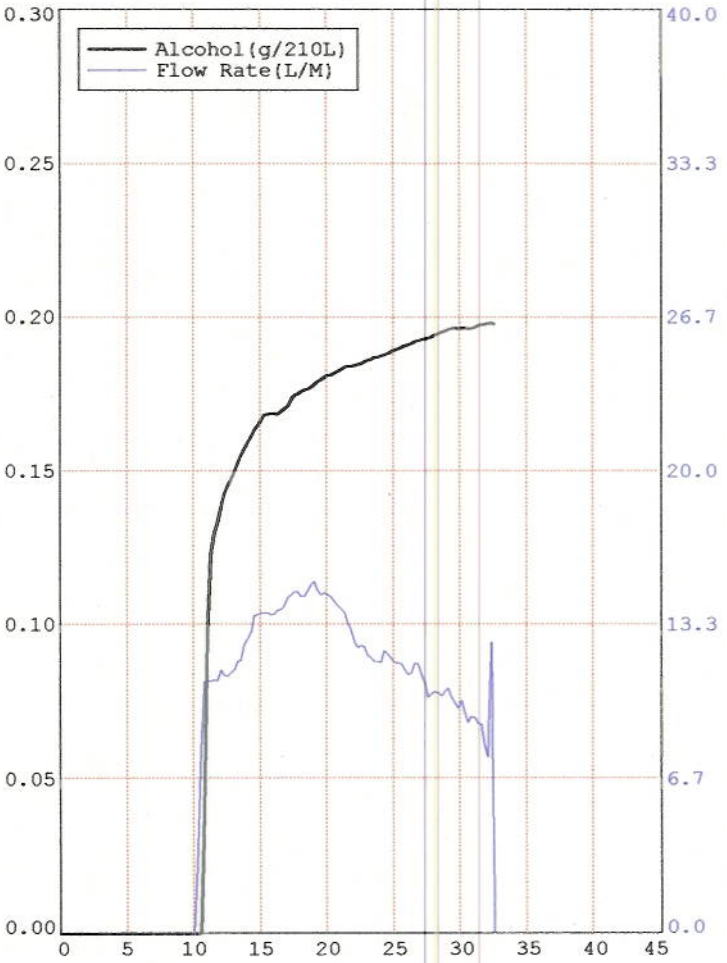
CASE #: 12BNC0114
TIME OF OPERATION: 00:13
LOCATION OF INCIDENT:
WHITE CREEK RD
TOWN: SHAFTSBURY
COUNTY: BENNINGTON

TEST OPERATOR NAME:
PHILIP J FRASIER
AGENCY: BENNINGTON COUNTY SO

Obs. Period Start:		00:39
BLANK TEST	0.000	00:59
CALIBRATION CHECK	PASSED	00:59
SIMULATOR VAPOR 33.9°C	0.100	00:59
BLANK TEST	0.000	01:00
SUBJECT SAMPLE (Vol=1.9L)	0.097	01:01
BLANK TEST	0.000	01:02
CALIBRATION CHECK	PASSED	01:02
SIMULATOR VAPOR 33.8°C	0.099	01:03
BLANK TEST	0.000	01:04

2nd TEST NOT REQUESTED

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100
Sim. Vapor Range 0.095 - 0.105
Lot #: 12-58-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: 01/01/2012
Time: 01:32:29

SUBJECT NAME:
JOHNATHAN S JOHNSON
DOB: 04/16/1988 AGE: 23
GENDER: M
LICENSE #: 92316084 VT

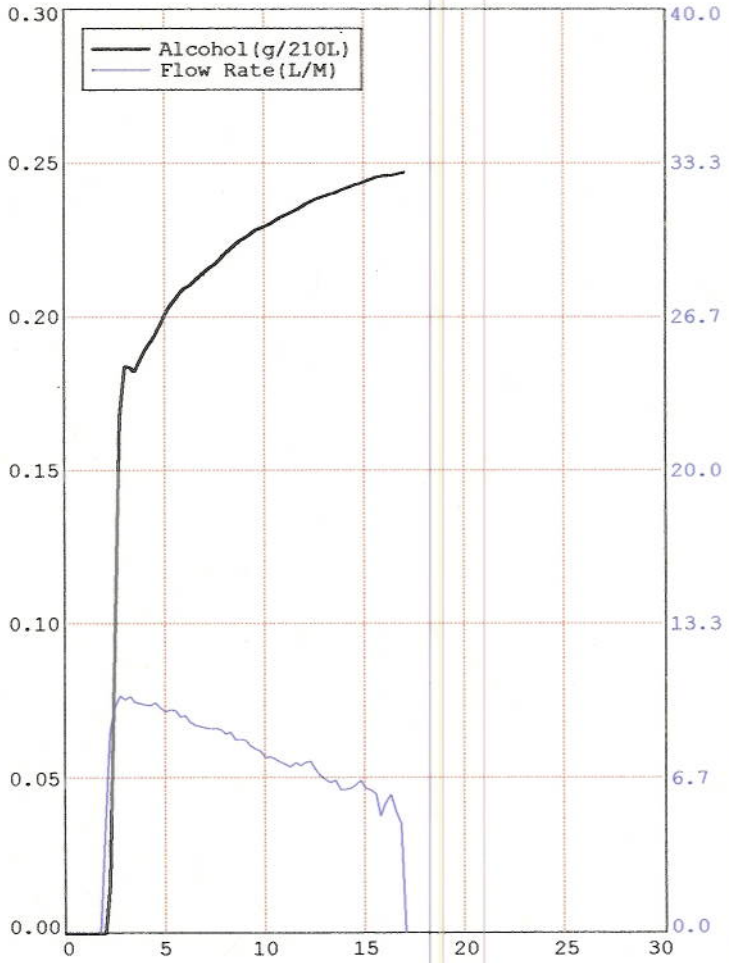
CASE #: 12BNC0001
TIME OF OPERATION: 01:05
LOCATION OF INCIDENT:
SCHOOL ST.
TOWN: BENNINGTON
COUNTY: BENNINGTON

TEST OPERATOR NAME:
PHILIP J FRASIER
AGENCY: BENNINGTON COUNTY SO

Obs. Period Start:		01:17
BLANK TEST	0.000	01:33
CALIBRATION CHECK	PASSED	01:33
SIMULATOR VAPOR 33.9°C	0.099	01:33
BLANK TEST	0.000	01:34
SUBJECT SAMPLE (Vol=4.5L)	0.198	01:36
BLANK TEST	0.000	01:37
CALIBRATION CHECK	PASSED	01:37
SIMULATOR VAPOR 33.9°C	0.096	01:38

Simulator Out of Range

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.102
Sim. Vapor Range 0.097 - 0.107
Lot #: 12-13-100



DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: 12/31/2011
Time: 00:09:59

SUBJECT NAME:
NELLY A GONZALEZ
DOB: 04/11/1967 AGE: 44
GENDER: F
LICENSE #: G52462167631 FL

CASE #: 11BNC0599
TIME OF OPERATION: 23:29
LOCATION OF INCIDENT:
BENMONT STREET BENNINGTON
TOWN: BENNINGTON
COUNTY: BENNINGTON

TEST OPERATOR NAME:
PHILIP A FRASIER
AGENCY: BENNINGTON COUNTY SO

Obs. Period Start:		23:49
BLANK TEST	0.000	00:10
CALIBRATION CHECK	PASSED	00:10
SIMULATOR VAPOR 33.9°C	0.098	00:11
BLANK TEST	0.000	00:12
SUBJECT SAMPLE (Vol=2.0L)	0.248	00:12

Blank Error

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.102
Sim. Vapor Range 0.097 - 0.107
Lot #: 12-13-100

DUI SUBJECT TEST

STATE OF VERMONT

DataMater DMT: 100163
Location: Bennington County SO
Certification Date: 09/15/2011
Installation Date: 10/14/2011

Date: 03/20/2012
Time: 20:34:40

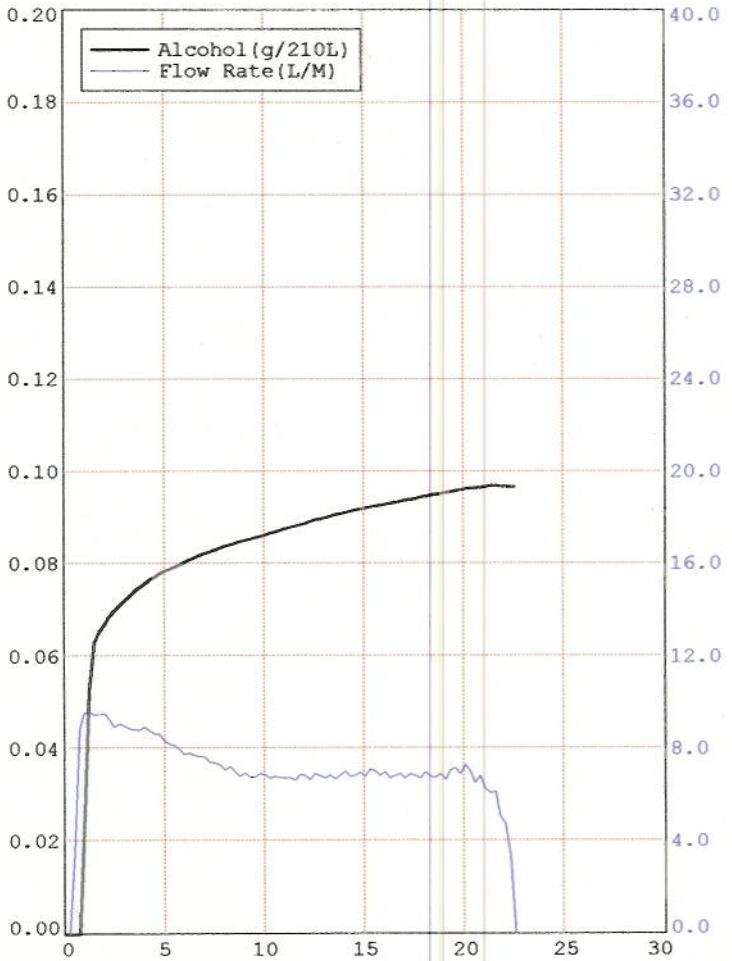
SUBJECT NAME:
EDMUND J HOWLAND JR
DOB: 10/16/1965 AGE: 46
GENDER: M
LICENSE #: S81205600 MA

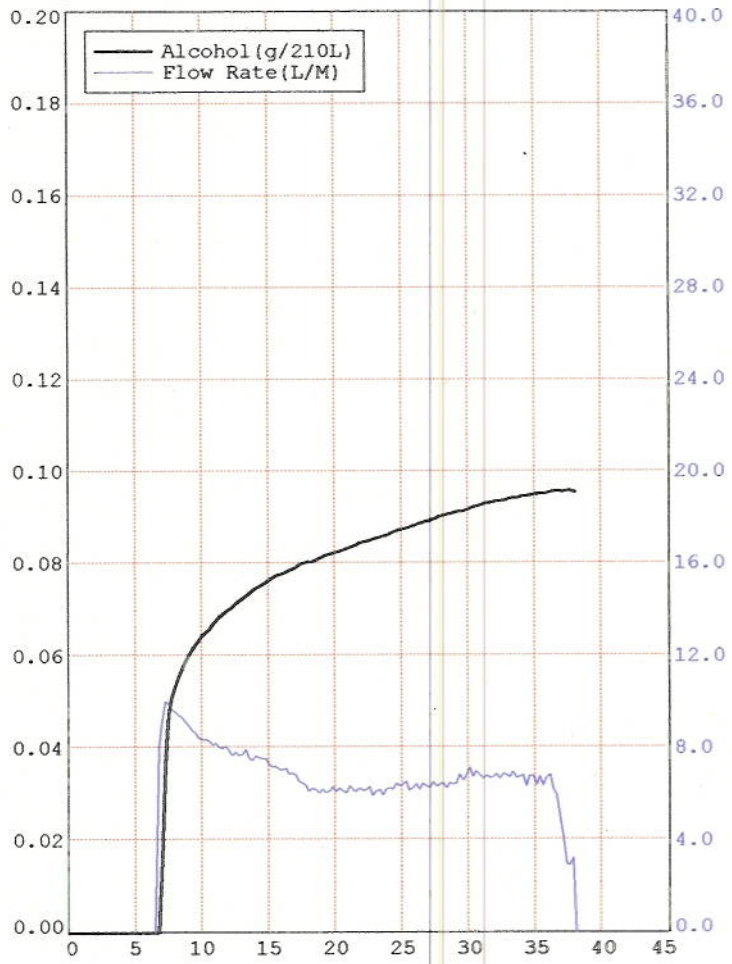
CASE #: 12BNC0163
TIME OF OPERATION: 19:18
LOCATION OF INCIDENT:
MAIN ST STAMFORD VT.
TOWN: STAMFORD
COUNTY: BENNINGTON

TEST OPERATOR NAME:
PHILIP J FRASIER
AGENCY: BENNINGTON COUNTY SO

Obs. Period Start:		20:16
BLANK TEST	0.000	20:35
CALIBRATION CHECK	PASSED	20:35
SIMULATOR VAPOR 33.9°C	0.099	20:36
BLANK TEST	0.000	20:36
SUBJECT SAMPLE (Vol=2.7L)	0.097	20:37
BLANK TEST	0.000	20:39
CALIBRATION CHECK	PASSED	20:39
SIMULATOR VAPOR 33.8°C	0.098	20:39
BLANK TEST	0.000	20:40
SUBJECT SAMPLE (Vol=3.6L)	0.096	20:41

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.100
Sim. Vapor Range 0.095 - 0.105
Lot #: 12-58-100





Status Record History

Status Date	Status Time	Test Type	Status Message
12/23/2011	21:20:29	DUI Subject Record	Simulator Out of Range
12/31/2011	00:08:17	DUI Subject Record	Ambient Fail
12/31/2011	00:13:20	DUI Subject Record	Blank Error
01/01/2012	01:38:11	DUI Subject Record	Simulator Out of Range

Breath Record History

Test Date	Test Time	Agency	Operator Name	Alcohol Val. 1	Alcohol Val. 2	Sim. Conc. 1	Sim. Conc. 2	Status Message
10/15/2011	22:20:32	BENNINGTON COUNTY SO	PHIL J FRASIER	0.133		0.099		
11/06/2011	17:30:30	BENNINGTON COUNTY SO	JOEL R HOWARD	0.000		0.097		
12/23/2011	21:18:58	BENNINGTON COUNTY SO	PHILIP J FRASIER			0.094		Simulator Out of Range
12/31/2011	00:07:45	BENNINGTON COUNTY SO	PHILIP A FRASIER					Ambient Fail
12/31/2011	00:09:59	BENNINGTON COUNTY SO	PHILIP A FRASIER	0.248		0.098		Blank Error
01/01/2012	01:32:29	BENNINGTON COUNTY SO	PHILIP J FRASIER	0.198		0.099	0.096	Simulator Out of Range
02/25/2012	00:58:11	BENNINGTON COUNTY SO	PHILIP J FRASIER	0.097		0.100	0.099	
03/17/2012	01:00:16	BENNINGTON COUNTY SO	JOEL R HOWARD	0.067		0.099		
03/20/2012	20:34:40	BENNINGTON COUNTY SO	PHILIP J FRASIER	0.097	0.096	0.099	0.098	

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