

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 10/10/2022

Version: 1.0

Instrument #: 100361

Analyst(s): C. O'Bryant

Start Date: 8/8/23

Reason for Repair

Non-drinking subject test following as-found displayed a peak.

Troubleshooting/Repair

Ran two supervisor tests without issue.

Ran a non-drinking subject test that displayed an elevated ethanol line prior to the breath sample.

Replaced the breath hose and performed another non-drinking subject test.

There was not a rise in ethanol line with the new breath hose.

- | | |
|--|--|
| <input checked="" type="checkbox"/> VOC (attached) | <input checked="" type="checkbox"/> Verify software version |
| <input checked="" type="checkbox"/> VOC Internal Standard value \leq 3.00% | <input checked="" type="checkbox"/> Non-Drinking Subject Test (attached) |
| <input type="checkbox"/> Ready for Adjustment | <input checked="" type="checkbox"/> Ready for Calibration |
| <input type="checkbox"/> Further Repair Needed | <input type="checkbox"/> Return to Factory |
| <input type="checkbox"/> Proceed to Close Out | |

End Date: 8/8/23

SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100361

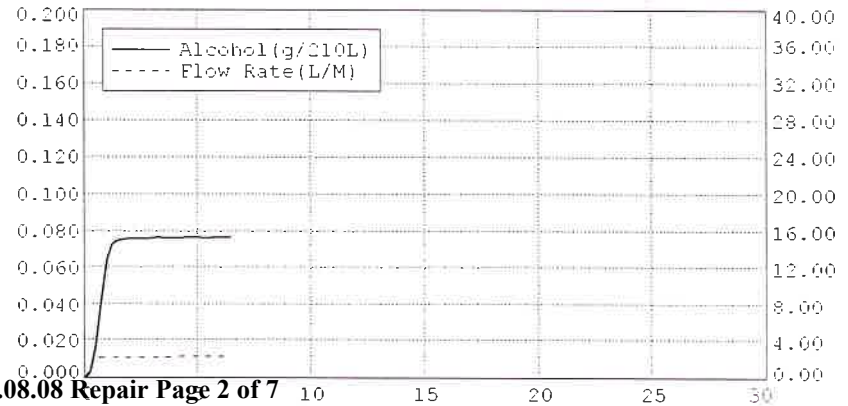
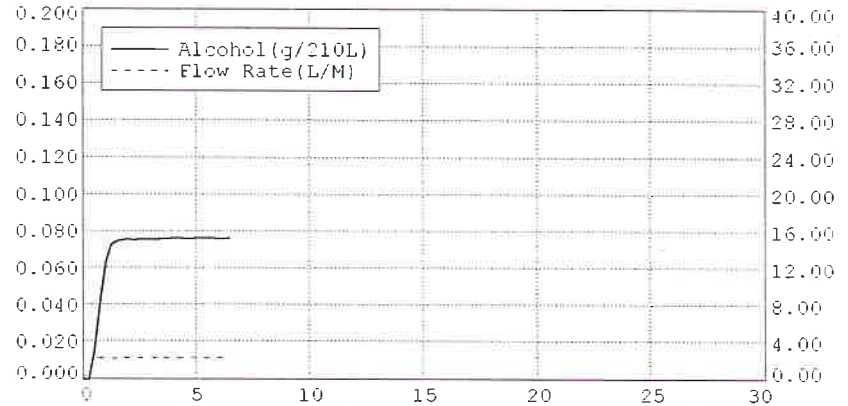
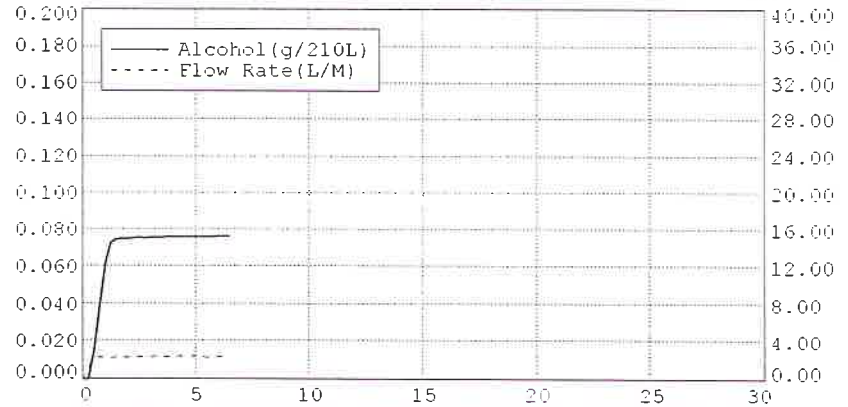
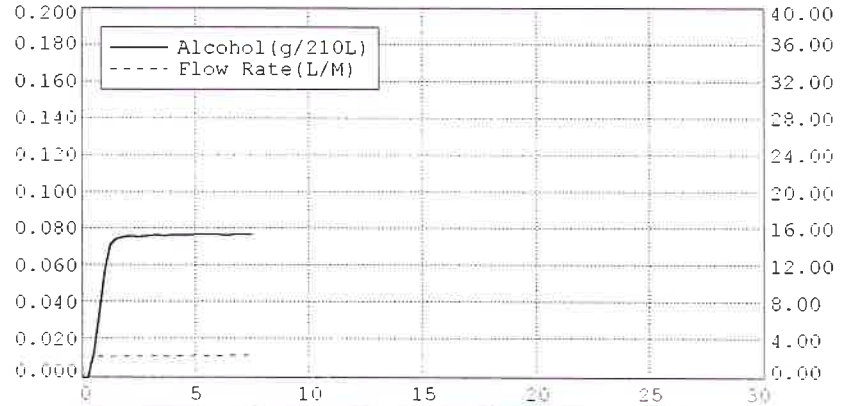
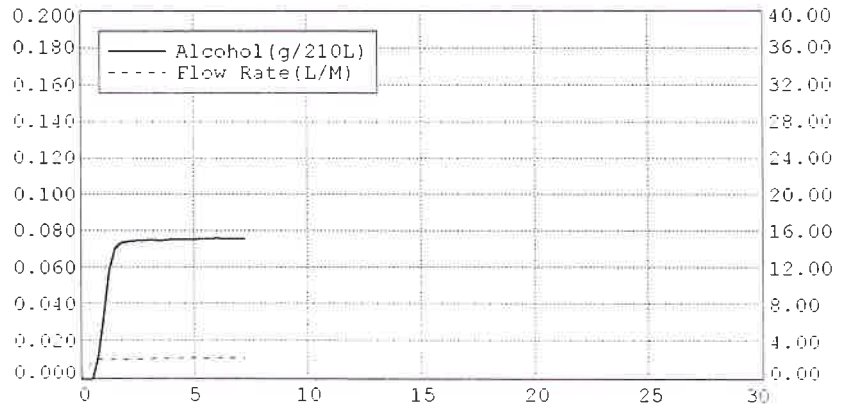
Date: 08/08/2023
 Time: 15:21:15

SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.43: 0.079
 TANK PRESSURE: 397 psi

| | | |
|-------------------|----------|-------|
| BLANK TEST | 0.000 | 15:22 |
| INTERNAL STANDARD | VERIFIED | 15:22 |
| EXTERNAL STANDARD | 0.077 | 15:22 |
| BLANK TEST | 0.000 | 15:23 |
| EXTERNAL STANDARD | 0.078 | 15:23 |
| BLANK TEST | 0.000 | 15:24 |
| EXTERNAL STANDARD | 0.078 | 15:24 |
| BLANK TEST | 0.000 | 15:25 |
| EXTERNAL STANDARD | 0.078 | 15:25 |
| BLANK TEST | 0.000 | 15:26 |
| EXTERNAL STANDARD | 0.078 | 15:27 |
| BLANK TEST | 0.000 | 15:27 |

Average = 0.0778
 Std Dev = 0.0004



SUPERVISOR TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100361

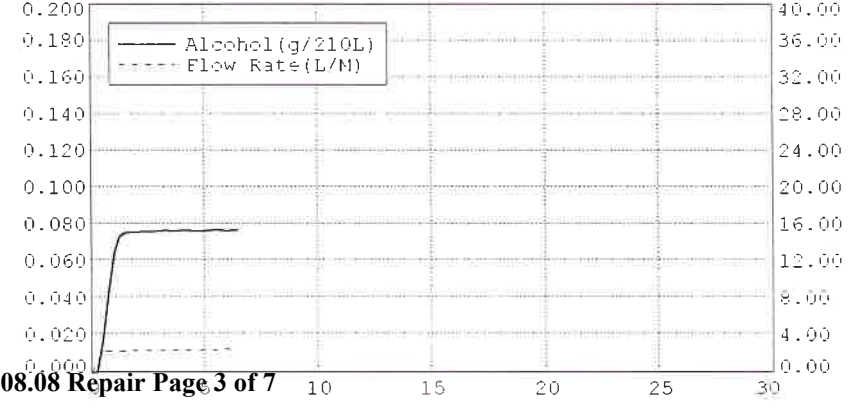
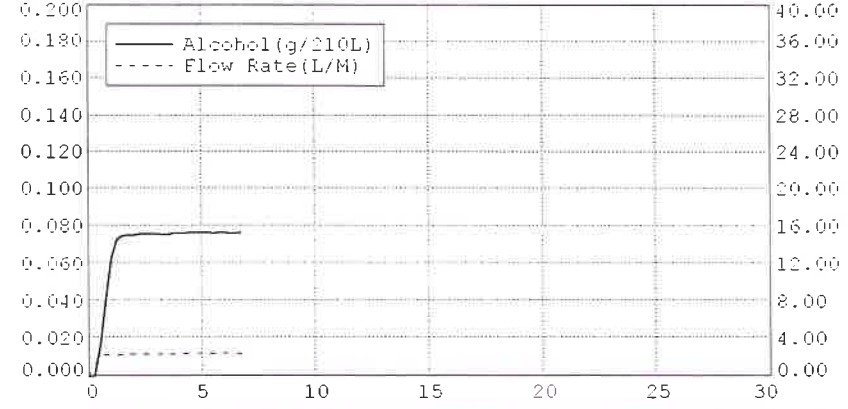
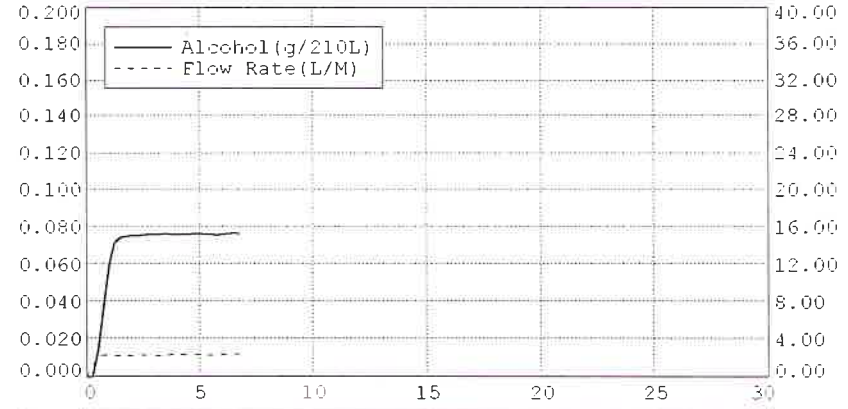
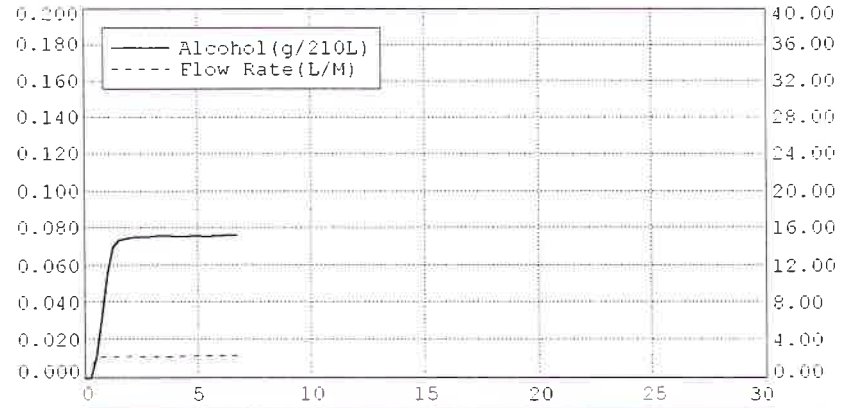
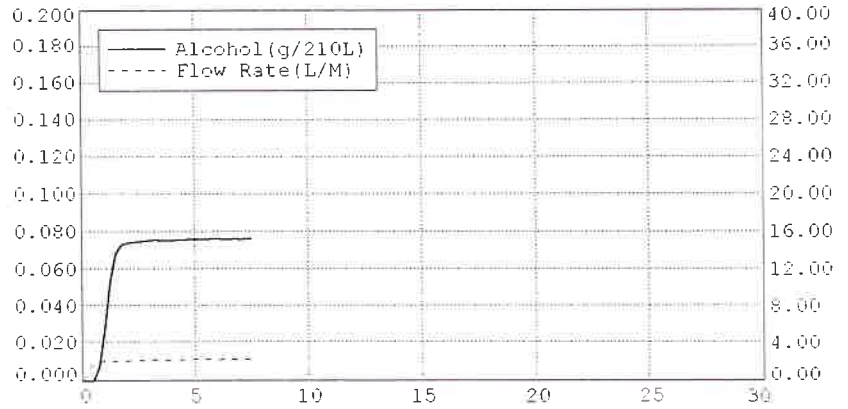
Date: 08/08/2023
Time: 12:07:40

SUPERVISOR NAME:
COLLEEN S OBRYANT
OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.48: 0.079
LOT #: AG135004
EXPIRATION: 12/16/2023
TANK PRESSURE: 415 psi

| | | |
|-------------------|----------|-------|
| BLANK TEST | 0.000 | 12:18 |
| INTERNAL STANDARD | VERIFIED | 12:18 |
| EXTERNAL STANDARD | 0.078 | 12:19 |
| BLANK TEST | 0.000 | 12:20 |
| EXTERNAL STANDARD | 0.077 | 12:20 |
| BLANK TEST | 0.000 | 12:21 |
| EXTERNAL STANDARD | 0.078 | 12:21 |
| BLANK TEST | 0.000 | 12:22 |
| EXTERNAL STANDARD | 0.078 | 12:22 |
| BLANK TEST | 0.000 | 12:23 |
| EXTERNAL STANDARD | 0.078 | 12:23 |
| BLANK TEST | 0.000 | 12:24 |

Average = 0.0778
Std Dev = 0.0004



SUBJECT TEST

Alaska Department of Public Safety

DATAMASTER dmt: 100361

Date: 08/08/2023

Time: 15:30:40

SUBJECT NAME:

TEST TEST

LICENSE #: NON-DRINKING

OPERATOR NAME:

COLLEEN S OBRyant

OPERATOR'S #: 6237

DEPT/AGENCY:

AAAA1

CASE/REPORT: 23-1234

TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

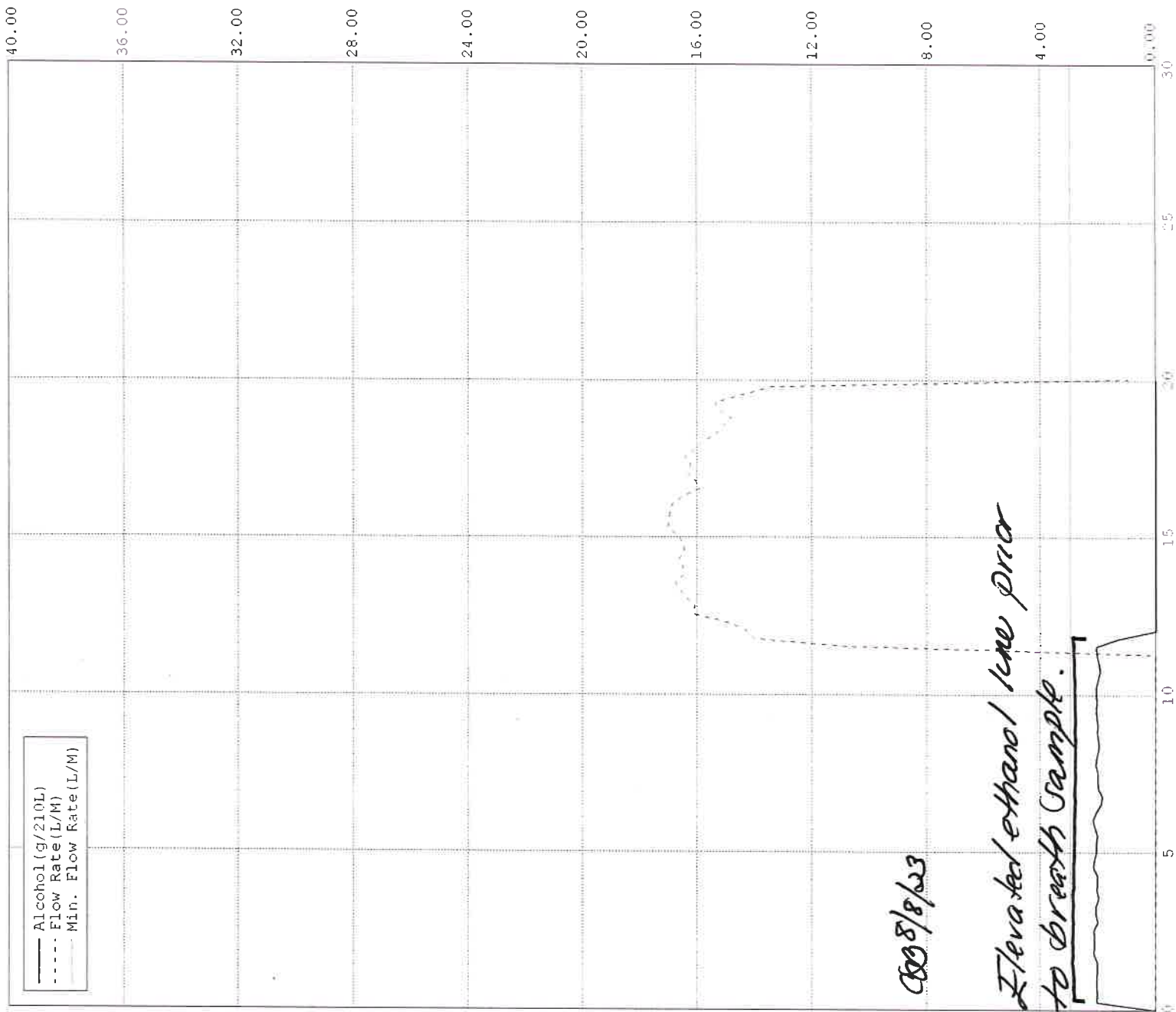
NOMINAL: 0.080

TARGET AT 29.43: 0.079

LOT #: AG135004

EXPIRATION: 12/16/2023

| | | |
|----------------------------|----------|-------|
| DIAGNOSTIC CHECK | PASSED | 15:32 |
| BLANK TEST | 0.000 | 15:32 |
| INTERNAL STANDARD | VERIFIED | 15:32 |
| EXTERNAL STANDARD | 0.078 | 15:32 |
| BLANK TEST | 0.000 | 15:33 |
| SUBJECT SAMPLE (Vol=2.24L) | 0.000 | 15:50 |
| BLANK TEST | 0.000 | 15:52 |
| EXTERNAL STANDARD | 0.078 | 15:52 |
| BLANK TEST | 0.000 | 15:53 |



SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100361

Date: 08/08/2023
Time: 16:04:47

SUBJECT NAME:
TEST TEST
LICENSE #: NON-DRINKING

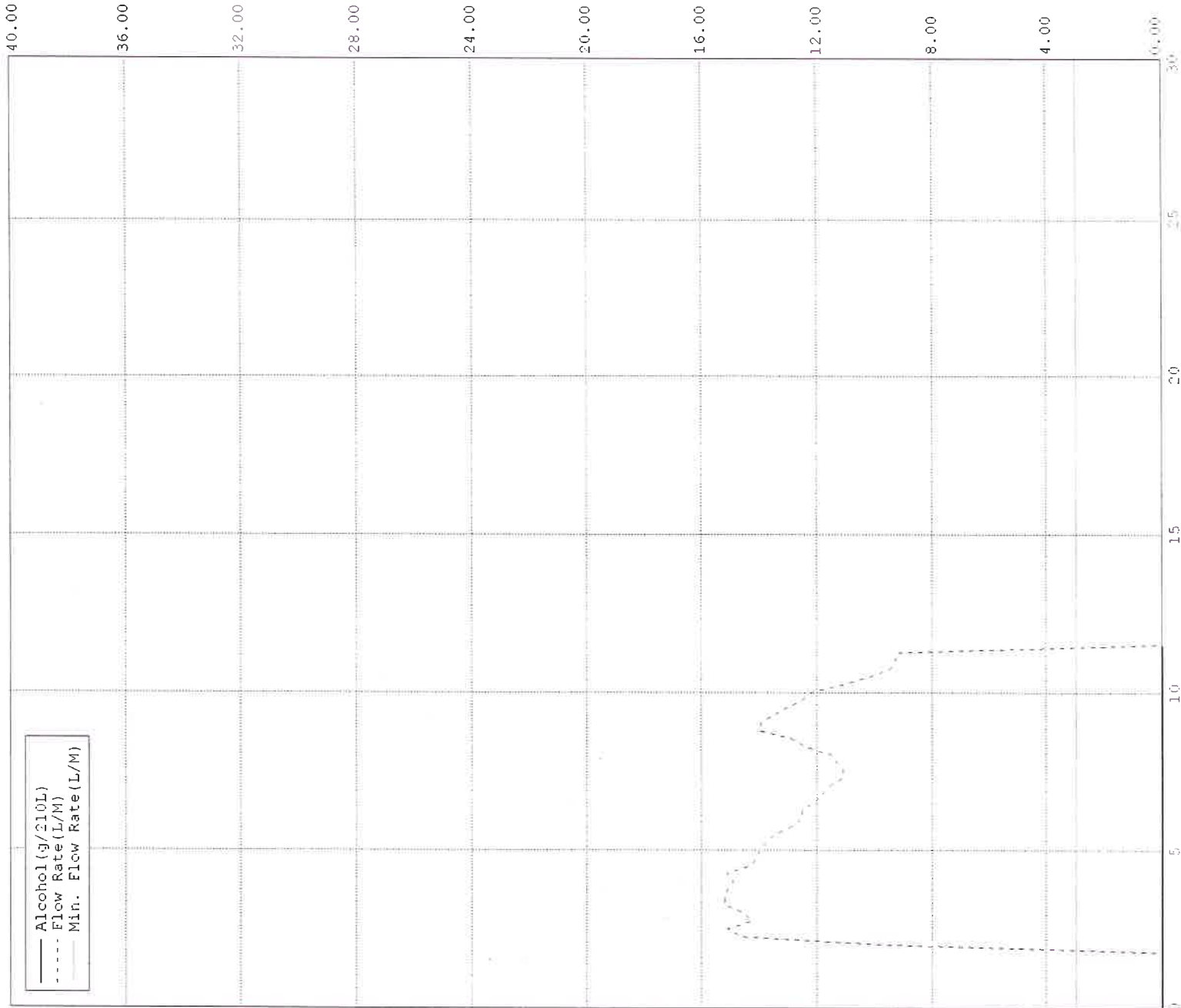
OPERATOR NAME:
COLLEEN S O'BRYAN
OPERATOR'S #: 6237

DEPT/AGENCY:
AAA1
CASE/REPORT: 23-1234
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.43: 0.079
LOT #: AG135004
EXPIRATION: 12/16/2023

| | | |
|----------------------------|----------|-------|
| DIAGNOSTIC CHECK | PASSED | 16:05 |
| BLANK TEST | 0.000 | 16:06 |
| INTERNAL STANDARD | VERIFIED | 16:06 |
| EXTERNAL STANDARD | 0.078 | 16:06 |
| BLANK TEST | 0.000 | 16:07 |
| SUBJECT SAMPLE (Vol=2.03L) | 0.000 | 16:46 |
| BLANK TEST | 0.000 | 16:47 |
| EXTERNAL STANDARD | 0.077 | 16:47 |
| BLANK TEST | 0.000 | 16:48 |



New breath hose.

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100361

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 08/08/2023

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.43: 0.079
LOT #: AG135004
EXPIRATION: 12/16/2023
TANK PRESSURE: 365 psi

| | | |
|-------------------------|----------|-------|
| BLANK TEST | 0.000 | 16:53 |
| INTERNAL STANDARD | VERIFIED | 16:53 |
| Xq = 0.087 | (0.40%) | |
| EXTERNAL STANDARD | 0.077 | 16:53 |
| X[1] = 0.0771 (-0.0008) | (0.0020) | |
| BLANK TEST | 0.000 | 16:54 |
| EXTERNAL STANDARD | 0.078 | 16:54 |
| X[1] = 0.0778 (0.0006) | (0.0020) | |
| BLANK TEST | 0.000 | 16:55 |
| EXTERNAL STANDARD | 0.078 | 16:55 |
| X[1] = 0.0780 (0.0004) | (0.0023) | |
| BLANK TEST | 0.000 | 16:56 |
| EXTERNAL STANDARD | 0.078 | 16:56 |
| X[1] = 0.0777 (0.0000) | (0.0025) | |
| BLANK TEST | 0.000 | 16:57 |
| EXTERNAL STANDARD | 0.078 | 16:57 |
| X[1] = 0.0779 (-0.0006) | (0.0017) | |
| BLANK TEST | 0.000 | 16:58 |

Average = 0.0778
Std Dev = 0.0004

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.03
Modem: 2.6
Questions: 2.2

TEMPERATURES

| | |
|-------------------------|--------|
| Sample Chamber = 49.1°C | PASSED |
| (44.0°C - 52.0°C) | |
| Breath Tube = 46.9°C | PASSED |
| (38.0°C - 50.0°C) | |

SETTINGS

| | |
|-------------------------|--------|
| Lamp Voltage = 1.87 V | PASSED |
| (1.17 V - 2.73 V) | |
| Cooler Voltage = 1.89 V | PASSED |
| (1.01 V - 2.35 V) | |
| Bias Voltage = 79 V | PASSED |
| (48 V - 112 V) | |
| Chopper Freq = 527 Hz | PASSED |
| (475 Hz - 575 Hz) | |
| Barometer = 29.4 in | |

PUMP INFO

| | |
|-------------------------|--------|
| Flow Rate = 4.431 L/M | PASSED |
| (3.500 L/M - 6.500 L/M) | |

DETECTOR INFO

| | |
|----------------------|--------|
| PUMP ON | PASSED |
| (0.002 V <= 0.010 V) | |
| PUMP OFF | PASSED |
| (0.002 V <= 0.010 V) | |

FILTER INFO

| | |
|----------|--------|
| Filter 1 | PASSED |
| Filter 2 | PASSED |
| Filter 3 | PASSED |

INTERNAL STANDARD

| | | | |
|------------|---------|-----------------|--------|
| Xq = 0.088 | (0.60%) | (0.00% - 4.00%) | PASSED |
|------------|---------|-----------------|--------|

SUBJECT TEST

Alaska Department of Public Safety

DATAMASTER dmt: 100361

Date: 08/08/2023

Time: 17:00:19

SUBJECT NAME:

TEST TEST

LICENSE #: NDST

OPERATOR NAME:

COLLEEN S OBRyant

OPERATOR'S #: 6237

DEPT/AGENCY:

AAA1

CASE/REPORT: 23-1234

TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.43: 0.079

LOT #: AG135004

EXPIRATION: 12/16/2023

| | | |
|----------------------------|----------|-------|
| DIAGNOSTIC CHECK | PASSED | 17:01 |
| BLANK TEST | 0.000 | 17:01 |
| INTERNAL STANDARD | VERIFIED | 17:02 |
| EXTERNAL STANDARD | 0.078 | 17:02 |
| BLANK TEST | 0.000 | 17:03 |
| SUBJECT SAMPLE (Vol=1.76L) | 0.000 | 17:04 |
| BLANK TEST | 0.000 | 17:05 |
| EXTERNAL STANDARD | 0.078 | 17:05 |
| BLANK TEST | 0.000 | 17:06 |

