Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Anthony Aldridge
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 120

Instrument	Effective	Expires
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	07/01/04	07/01/06
Agilent 6890 Gas Chromatograph	07/01/02	07/01/04
Agilent 6890 Gas Chromatograph	07/01/00	07/01/02

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 02/01/72.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jennifer Price Mills
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 200

Instrument	Effective	Expires
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	07/01/04	07/01/06
Agilent 6890 Gas Chromatograph	07/01/02	07/01/04
Agilent 6890 Gas Chromatograph	07/01/00	07/01/02

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 06/25/80.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Richard Woosley Waggoner, Jr.
Agency: City-County Bureau of Identification
Permit Number: 332

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/18	09/01/20
Agilent GC/MS (7890A/5875C)	09/01/18	09/01/20
ELISA-Tecan Freedom Evo 75	09/01/18	09/01/20
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	11/01/16	11/01/18
Agilent GC/MS (7890A/5875C)	11/01/16	11/01/18
ELISA-Tecan Freedom Evo 75	11/01/16	11/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	01/05/15	01/01/17
Agilent GC/MS (7890A/5875C)	01/05/15	01/01/17
ELISA-Tecan Freedom Evo 75	01/05/15	01/01/17
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	03/11/14	03/01/16
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/19/12	09/01/14
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/20/94.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Aaron Michael Joncich
Agency: North Carolina State Crime Laboratory
Permit Number: 335

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LCTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21
Agilent Technologies GC/MS	10/03/19	10/01/21
ELISA Tecan Freedom EVO 75 and 150	10/03/19	10/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/03/19	10/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	02/01/18	02/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	02/01/18	02/01/20
ELISA Tecan Freedom EVO 75 and 150	02/01/18	02/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/01/18	02/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	05/01/16	05/01/18
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 10/07/94.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: William Christopher Stark
Agency: North Carolina State Crime Laboratory
Permit Number: 337

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/09	08/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/09	08/01/11
EMIT	08/01/09	08/01/11
ELISA	08/01/09	08/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/07	08/01/09
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/07	08/01/09
EMIT	08/01/07	08/01/09
ELISA	08/01/07	08/01/09
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/05	08/01/07
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/05	08/01/07
EMIT	08/01/05	08/01/07
ELISA	08/01/05	08/01/07
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/03	08/01/05
Hewlett-Packard GC/MS (6890/5973)	08/01/03	08/01/05
EMIT	08/01/03	08/01/05
ELISA	08/01/03	08/01/05
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/01	08/01/03
Hewlett-Packard GC/MS (6890/5973)	08/01/01	08/01/03
EMIT	08/01/01	08/01/03
ELISA	08/01/01	08/01/03

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/01/96.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Linda Erth Farren
Agency: North Carolina State Crime Laboratory
Permit Number: 339

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	05/01/16	05/01/18
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/16/14	05/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	05/16/14	05/01/16
ELISA Tecan Freedom EVO 75	05/16/14	05/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/16/14	05/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	03/11/14	03/01/16
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/19/12	09/01/14
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 04/11/03.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Dee Anne Johnson
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 340

Instrument	Effective	Expires
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	05/05/05	05/01/07

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/05/05.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Robert Ward Evans
Agency: North Carolina State Crime Laboratory
Permit Number: 341

Instrument	Effective	Expires
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/11	08/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/11	08/01/13
EMIT	08/01/11	08/01/13
ELISA	08/01/11	08/01/13
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/09	08/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/09	08/01/11
EMIT	08/01/09	08/01/11
ELISA	08/01/09	08/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/07	08/01/09
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/07	08/01/09
EMIT	08/01/07	08/01/09
ELISA	08/01/07	08/01/09
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/13/06	07/01/08
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	07/13/06	07/01/08
EMIT	07/13/06	07/01/08
ELISA	07/13/06	07/01/08

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 07/13/06.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Megan Elizabeth Hancock (previously Brochin)
Agency: North Carolina State Crime Laboratory
Permit Number: 342

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	11/01/09	11/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	11/01/09	11/01/11
EMIT	11/01/09	11/01/11
ELISA	11/01/09	11/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	11/26/07	11/01/09
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	11/26/07	11/01/09
EMIT	11/26/07	11/01/09
ELISA	11/26/07	11/01/09

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jennifer Jean Lindley
Agency: North Carolina State Crime Laboratory
Permit Number: 343

Instrument	Effective	Expires
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/10	04/01/12
Hewlett-Packard GC/MS (6890/5973)	04/01/10	04/01/12
Agilent Technologies GC/MS	04/01/10	04/01/12
EMIT	04/01/10	04/01/12
ELISA	04/01/10	04/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	02/08/08	02/01/10
Hewlett-Packard GC/MS (6890/5973)	02/08/08	02/01/10
EMIT	02/08/08	02/01/10
ELISA	02/08/08	02/01/10

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Monica Zsane Phillips
Agency: North Carolina State Crime Laboratory
Permit Number: 344

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/10	04/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	04/01/10	04/01/12
EMIT	04/01/10	04/01/12
ELISA	04/01/10	04/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/08	04/01/10
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	04/01/08	04/01/10
EMIT	04/01/08	04/01/10
ELISA	04/01/08	04/01/10

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kemika Daniels Alloway
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 345

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Matthew Cecil Mathis
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 346

Instrument	Effective	Expires
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Stefanie Ann Raysich
Agency: North Carolina State Crime Laboratory
Permit Number: 347

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/19/12	09/01/14
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/01/10	10/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	10/01/10	10/01/12
EMIT	10/01/10	10/01/12
ELISA	10/01/10	10/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/06/08	10/01/10
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	10/06/08	10/01/10
EMIT	10/06/08	10/01/10
ELISA	10/06/08	10/01/10

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Shelia Kay Bayler
Agency: City-County Bureau of Identification
Permit Number: 348

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent GC/MS (7890A/5975C)	07/01/16	07/01/18
ELISA –Tecan Freedom Evo 75	07/01/16	07/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/14	09/01/16
Agilent GC/MS (7890A/5975C)	09/01/14	09/01/16
ELISA –Tecan Freedom Evo 75	09/01/14	09/01/16
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/12	09/01/14
Agilent GC/MS (7890A/5975C)	09/01/12	09/01/14
ELISA –Tecan Freedom Evo 75	09/01/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/01/10	10/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	10/01/10	10/01/12
EMIT	10/01/10	10/01/12
ELISA	10/01/10	10/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/13/08	10/01/10
Agilent Technologies GC/MS	10/13/08	10/01/10
EMIT	10/13/08	10/01/10
ELISA	10/13/08	10/01/10

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brian Keith King
Agency: North Carolina State Crime Laboratory
Permit Number: 349

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/01/11	01/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/01/11	01/01/13
Hewlett-Packard GC/MS (6890/5973) -Agilent GC/MS (7890/5975)	01/01/11	01/01/13
EMIT	01/01/11	01/01/13
ELISA	01/01/11	01/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/06/09	01/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/06/09	01/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/06/09	01/01/11
EMIT	01/06/09	01/01/11
ELISA	01/06/09	01/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Sarah Beth Williams
Agency: North Carolina State Crime Laboratory
Permit Number: 350

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/01/11	01/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/01/11	01/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/01/11	01/01/13
EMIT	01/01/11	01/01/13
ELISA	01/01/11	01/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/06/09	01/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/06/09	01/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/06/09	01/01/11
EMIT	01/06/09	01/01/11
ELISA	01/06/09	01/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Hope Linnette Copeland
Agency: North Carolina State Crime Laboratory
Permit Number: 351

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/12/09	01/01/11
Agilent Technologies GC/MS	01/12/09	01/01/11
EMIT	01/12/09	01/01/11
ELISA	01/12/09	01/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ann Michelson Charlesworth
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 352

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/16	04/01/18
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/14	04/01/16
Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	04/01/12	04/01/14
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	02/25/09	02/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lori Allyne Knops
Agency: North Carolina State Crime Laboratory
Permit Number: 353

Instrument	Effective	Expires
Thermo Trace GC Ultra w/ Thermo TriPlus Autosampler, XCaliber Chromatography Workstation	6/14/13	6/01/15
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/01/11	06/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/01/11	06/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/01/11	06/01/13
EMIT	06/01/11	06/01/13
ELISA	06/01/11	06/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Justin Kale Sigmon
Agency: North Carolina State Crime Laboratory
Permit Number: 354

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/01/11	06/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/01/11	06/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/01/11	06/01/13
EMIT	06/01/11	06/01/13
ELISA	06/01/11	06/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Erin Ashley Luper
Agency: North Carolina State Crime Laboratory
Permit Number: 355

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Bethany Patrice Pridgen
Agency: Wilmington Police Department
Permit Number: 356

Instrument	Effective	Expires
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/18	05/01/20
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	09/19/13	09/01/15
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	08/17/11	08/17/13
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	08/17/09	08/17/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Irvin Lee Allcox
Agency: City-County Bureau of Identification
Permit Number: 357

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	06/01/18	06/01/20
Agilent GC/MS (7890A/5975C)	06/01/18	06/01/20
ELISA –Tecan Freedom Evo 75	06/01/18	06/01/20
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent GC/MS (7890A/5975C)	07/01/16	07/01/18
ELISA –Tecan Freedom Evo 75	07/01/16	07/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/14	09/01/16
Agilent GC/MS (7890A/5975C)	09/01/14	09/01/16
ELISA –Tecan Freedom Evo 75	09/01/14	09/01/16
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/12	09/01/14
Agilent GC/MS (7890A/5975C)	09/01/12	09/01/14
ELISA –Tecan Freedom Evo 75	09/01/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/11	08/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	08/01/11	08/01/13
EMIT	08/01/11	08/01/13
ELISA	08/01/11	08/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/17/09	08/01/11
Agilent Technologies GC/MS	08/17/09	08/01/11
EMIT	08/17/09	08/01/11
ELISA	08/17/09	08/01/11

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Todd Huml
Agency: North Carolina State Crime Laboratory
Permit Number: 358

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	02/08/10	02/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	02/08/10	02/01/12
EMIT	02/08/10	02/01/12
ELISA	02/08/10	02/01/12

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amanda Brooke Motsinger
Agency: North Carolina State Crime Laboratory
Permit Number: 359

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/14	08/01/16
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	08/01/14	08/01/16
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	08/01/14	08/01/16
EMIT	08/01/14	08/01/16
ELISA	08/01/14	08/01/16
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/12/12	07/01/14
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	07/12/12	07/01/14
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	07/12/12	07/01/14
EMIT	07/12/12	07/01/14
ELISA	07/12/12	07/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/25/10	06/01/12
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/25/10	06/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/25/10	06/01/12
EMIT	06/25/10	06/01/12
ELISA	06/25/10	06/01/12

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jennifer Susan Leiser
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 360

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/14	04/01/16
Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lori Ann Richards
Agency: North Carolina State Crime Laboratory
Permit Number: 361

Instrument	Effective	Expires
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/01/10	07/01/12
Agilent 7890A GC		
Agilent Technologies GC/MS	07/01/10	07/01/12
EMIT	07/01/10	07/01/12
ELISA	07/01/10	07/01/12

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Melanie Stancil Thornton
Agency: North Carolina State Crime Laboratory
Permit Number: 362

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LCTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21
Agilent Technologies GC/MS	10/03/19	10/01/21
ELISA Tecan Freedom EVO 75 and 150	10/03/19	10/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/03/19	10/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	04/01/18	04/01/20
ELISA Tecan Freedaom EVO 75/150	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	05/01/16	05/01/18
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 07/01/10.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Frank Wayne Lewallen
Agency: North Carolina State Crime Laboratory
Permit Number: 363

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LCTOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21
Agilent Technologies GC/MS	10/03/19	10/01/21
ELISA Tecan Freedom EVO 75 and 150	10/03/19	10/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/03/19	10/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	02/01/18	02/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	02/01/18	02/01/20
ELISA Tecan Freedom EVO 75 and 150	02/01/18	02/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/01/18	02/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	05/01/16	05/01/18
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18

This record reflects the most recent permits issued to the named analyst.
This analyst has held a permit for the analysis of blood since 10/07/11.

Last updated by DHHS on 04/24/2020

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amy Lynn Hutson
Agency: Wilmington Police Department
Permit Number: 364

Instrument	Effective	Expires
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/18	05/01/20
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	03/12/12	03/12/14

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lillian Ngong
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 365

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/20	04/01/22
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/16	04/01/18
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID) Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID) Agilent 6890 Gas Chromatograph	04/01/12	04/01/14

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Natasha Alexandra Testa
Agency: North Carolina State Crime Laboratory
Permit Number: 366

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian 3800 and Agilent 7890 Gas Chromatograph w/ LEAP Technologies Combi-Pal Autosampler and Varian Star Chromatography Workstation	09/16/13	09/01/15

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Paige Katherine Gardner
Agency: North Carolina State Crime Laboratory
Permit Number: 367

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LCTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Headspace Autosampler		
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18

This record reflects the most recent permits issued to the named analyst.
This analyst has held a permit for the analysis of blood since 12/11/13.

Last updated by DHHS on 04/24/2020

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Evan Michael Lowery
Agency: North Carolina State Crime Laboratory
Permit Number: 368

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/12/13	12/01/15
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	12/12/13	12/01/15
ELISA Tecan Freedom EVO 75	12/12/13	12/01/15

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Danielle Marie (Andersen) O'Connell
Agency: North Carolina State Crime Laboratory
Permit Number: 369

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LCTOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	04/01/18	04/01/20
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 12/23/13.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Leyda Zoraida Lugo-Morales
Agency: North Carolina State Crime Laboratory
Permit Number: 370

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	12/23/13	12/01/15
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Andrew Lawrence Young
Agency: North Carolina State Crime Laboratory
Permit Number: 371

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	12/23/13	12/01/15
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Melanie Coleen Colon-Medina
Agency: Wilmington Police Department
Permit Number: 372

Instrument	Effective	Expires
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jason Matthew Shriver
Agency: North Carolina State Crime Laboratory
Permit Number: 373

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kristi Nicole Raschka
Agency: North Carolina State Crime Laboratory
Permit Number: 374

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	04/01/18	04/01/20
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amber Marie Rowland
Agency: North Carolina State Crime Laboratory
Permit Number: 375

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	04/01/18	04/01/20
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Megan Kelsey Simms
Agency: North Carolina State Crime Laboratory
Permit Number: 376

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	04/01/18	04/01/20
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	09/09/14	09/01/16
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mark Christopher Annand
Agency: NMS Labs
Permit Number: 377

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	02/01/19	02/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: David Buzby
Agency: NMS Labs
Permit Number: 378

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Christina M. Carrico
Agency: NMS Labs
Permit Number: 379

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973/5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Gregory Andrew Coates
Agency: NMS Labs Permit
Number: 380

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amanda Christine Cooke
Agency: NMS Labs
Permit Number: 381

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Joseph Nicholas Corvo
Agency: NMS Labs
Permit Number: 382

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230; Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Susan Beth Crookham
Agency: NMS Lab
Permit Number: 383

Instrument	Effective	Expires
ELISA Tecan	10/10/19	10/01/21
LC-TOF Agilent Jet Stream 6230	10/10/19	10/01/21
LC-QTOF Agilent 6530	10/10/19	10/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/10/19	10/01/21
GC/MS Agilent 7890A & 5975C	10/10/19	10/01/21
GC-GC-GC/MS, Agilent 5973/5975 GCMS, WATERS TQS LC-MS/MS	10/10/19	10/01/21
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	10/10/19	10/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/10/19	10/01/21
API 4500/4000/6500 LC-MS/MS	10/10/19	10/01/21
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230,	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/4000 LC-MS/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/26/15	01/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jeong Hee Davidheiser
Agency: NMS Labs
Permit Number: 384

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rachel A. Davidovics
Agency: NMS Labs
Permit Number: 385

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Chelsey Nicole Deisher
Agency: NMS Labs
Permit Number: 386

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/04/18	12/01/20
API 4500/4000/6500 LC-MS/MS	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rosa Enid De Jesùs
Agency: NMS Labs
Permit Number: 387

Instrument	Effective	Expires
LC-TOF AgilentJet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
LC-TOF AgilentJet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
LC-TOF AgilentJet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Danielle R. DeMauro
Agency: NMS Labs
Permit Number: 388

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
ELISA Tecan	02/12/18	02/01/18
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/18
ELISA Tecan	01/26/15	01/01/17

Last updated by DHHS on 04/24/2020

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Craig Thomas Leopold
Agency: NMS Labs
Permit Number: 389

Instrument	Effective	Expires
ELISA Tecan	02/12/18	02/01/18
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/15	03/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kristopher William Graf
Agency: NMS Labs
Permit Number: 390

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amanda Nicole Hackman
Agency: NMS Labs
Permit Number: 391

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GCMS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Thomas E. Harbaugh
Agency: NMS Labs
Permit Number: 392

Instrument	Effective	Expires
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brian David Holsey Jr.
Agency: NMS Labs
Permit Number: 393

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-QTOF Agilent 6530	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973/5975 GCMS, WATERS TQS LC-MS/MS	01/10/20	01/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Thanh M. Huynh
Agency: NMS Labs
Permit Number: 394

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/20/17	02/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/20/17	02/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Apisri (Ieamniramit) Harjes
Agency: NMS Labs
Permit Number: 395

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Samantha Hope (Jenkins) Curran
Agency: NMS Labs
Permit Number: 396

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/10/20	01/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/10/20	01/01/22
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/21/16	09/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18
API 4500/4000 LC-MS/MS	09/21/16	09/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Alyssa Marie Keil
Agency: NMS Labs
Permit Number: 397

Instrument	Effective	Expires
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	05/01/17	05/01/19
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	05/01/17	05/01/19
API 4500/4000 LC-MS/MS	05/01/17	05/01/19
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Renee Lynn (Kezmarsky) LaFord
Agency: NMS Labs
Permit Number: 398

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lori A. Lockrey
Agency: NMS Labs
Permit Number: 399

Instrument	Effective	Expires
ELISA Tecan	03/01/17	03/01/19
LC-TOF Agilent Jet Stream 6230	03/01/17	03/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	03/01/17	03/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/01/17	03/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/01/17	03/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/01/17	03/01/19
API 4500/4000 LC-MS/MS	03/01/17	03/01/19
ELISA Tecan	03/01/15	03/01/17
LC-TOF Agilent Jet Stream 6230	03/01/15	03/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/15	03/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/01/15	03/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/01/15	03/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Christopher E. Lloyd
Agency: NMS Labs
Permit Number: 400

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kristina Leigh Long
Agency: NMS Labs
Permit Number: 401

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Joan Gertrude Lutz-Maltz
Agency: NMS Labs
Permit Number: 402

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/04/18	12/01/20
ELISA Tecan	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Luke B. Mason
Agency: NMS Labs
Permit Number: 403

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Melissa M. Mason
Agency: NMS Labs
Permit Number: 404

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Colleen M. Mathews
Agency: NMS Labs
Permit Number: 405

Instrument	Effective	Expires
ELISA Tecan	02/01/19	02/01/21
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: L. Paul Miller Jr.
Agency: NMS Labs
Permit Number: 406

Instrument	Effective	Expires
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/4000 LC-MS/MS	12/06/16	12/01/18

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/26/15.

Last updated by DHHS on 04/24/2020

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Diana M. Mossbrook
Agency: NMS Labs
Permit Number: 407

Instrument	Effective	Expires
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Shanitut T. Muantongchin
Agency: NMS Labs
Permit Number: 408

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Marcellino Pasquale Porto
Agency: NMS Labs
Permit Number: 409

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Adam Ross Rapoport
Agency: NMS Labs
Permit Number: 410

Instrument	Effective	Expires
ELISA-Tecan	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rebecca L. Reber
Agency: NMS Labs
Permit Number: 411

Instrument	Effective	Expires
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jacqueline Rizzo
Agency: NMS Labs
Permit Number: 412

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Anthony D. Rodriguez
Agency: NMS Labs
Permit Number: 413

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	02/20/17	02/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/20/17	02/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Heidi Renee Schimmelbusch
Agency: NMS Labs
Permit Number: 414

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/14/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/14/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/14/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Parul Sunilkumar Shah
Agency: NMS Labs
Permit Number: 415

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	02/21/20	02/01/22
Agilent 7890A/ 5975C, GC-GC-GC/MS, or Agilent 5973 GC/MS and LC- MS/MS Waters TQS	02/21/20	02/01/22
Agilent 6890 NPD and and alcohols HP 6890/5890 GC/FID	02/21/20	02/01/22
API 4500/ 4000	02/21/20	02/01/22
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Dawn Nicole Sherwood
Agency: NMS Labs
Permit Number: 416

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/04/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/04/18	12/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/ 4000 LC-MS/MS	12/06/16	12/01/18

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/26/15

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Nancy A. Shubbar
Agency: NMS Labs
Permit Number: 417

Instrument	Effective	Expires
ELISA Tecan	02/01/19	02/01/21
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Justin Daniel Spatafore
Agency: NMS Labs
Permit Number: 418

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/12/18	02/01/20
API 4500/ 4000/ 6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Denice Marie Teem
Agency: NMS Labs
Permit Number: 419

Instrument	Effective	Expires
ELISA Tecan	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/10/20	01/01/22
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/10/20	01/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/10/20	01/01/22
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 01/26/15.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Cherie Marie Trail
Agency: NMS Labs
Permit Number: 420

Instrument	Effective	Expires
ELISA Tecan	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
ELISA Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
ELISA Tecan	12/06/17	12/01/19
LC-TOF Agilent Jet Stream 6230, Agilent 5973/5975 GC/MS	12/06/17	12/01/19
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jaclyn Kate Venarchick
Agency: NMS Labs
Permit Number: 421

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Leonard Christopher Vinci
Agency: NMS Labs
Permit Number: 422

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Judy Evans Vinosky
Agency: NMS Labs **Permit Number:** 423

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Tammy Yvette Welch
Agency: NMS Labs
Permit Number: 424

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	02/21/20	02/01/22
Agilent 7890A/ 5975C, GC-GC-GC/MS, or Agilent 5973 GC/MS and LC- MS/MS Waters TQS	02/21/20	02/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lyda M. Wellington
Agency: NMS Labs
Permit Number: 425

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Linay Elizabeth Williams
Agency: NMS Labs
Permit Number: 426

Instrument	Effective	Expires
ELISA Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17
LC-TOF Agilent Jet Stream 6230	04/07/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Meredith L. Atkins
Agency: NMS Labs
Permit Number: 427

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jessica Leigh Baehr
Agency: NMS Labs
Permit Number: 428

Instrument	Effective	Expires
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Stacey Anne DeJoseph
Agency: NMS Labs
Permit Number: 429

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
API 4500/4000/6500 LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rocco A. DelConte
Agency: NMS Labs
Permit Number: 430

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Erik David Flail
Agency: NMS Labs
Permit Number: 431

Instrument	Effective	Expires
GC Agilent 6890 NPD,	01/10/20	01/01/22
alcohols HP 6890/5890 GC /FID,	01/10/20	01/01/22
Agilent 5973 GC-MS	01/10/20	01/01/22
ELISA Tecan	09/01/17	09/01/19
LC-TOF Agilent Jet Stream 6230	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/17	09/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/01/17	09/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/01/17	09/01/19
API 4500/4000 LC-MS/MS	09/01/17	09/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kathleen E. Frederick
Agency: NMS Labs
Permit Number: 432

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/18	06/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/18	06/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Sara C. Gagen
Agency: NMS Labs
Permit Number: 433

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Danielle Marie Jardel
Agency: NMS Labs
Permit Number: 434

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mark Philip Lafferty
Agency: NMS Labs
Permit Number: 435

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/21/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/21/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Thanh Duyen Thi Lam
Agency: NMS Labs
Permit Number: 436

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/10/20	01/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Edward Lamb
Agency: NMS Labs
Permit Number: 437

Instrument	Effective	Expires
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	10/20/17	10/01/19
LC-TOF Agilent Jet Stream 6230	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/20/17	10/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/20/17	10/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	10/20/17	10/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/20/17	10/01/19
API 4500/4000 LC-MS/MS	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/16/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ann Marie Meadows
Agency: NMS Labs
Permit Number: 438

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/28/15	01/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Christopher John Mercer
Agency: NMS Labs
Permit Number: 439

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/01/20	04/01/22
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Casey Marie Mulcahy
Agency: NMS Labs
Permit Number: 440

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Linda Nguyen
Agency: NMS Labs
Permit Number: 441

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: William Emilio Nunez
Agency: NMS Labs
Permit Number: 442

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Colleen V. O'Neill
Agency: NMS Labs
Permit Number: 443

Instrument	Effective	Expires
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/01/18	09/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/21/16	09/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Maulikkumar Rameshchandra Patel
Agency: NMS Labs
Permit Number: 444

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Velpula Grace Anisha Paul
Agency: NMS Labs
Permit Number: 445

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: David P. Randolph
Agency: NMS Labs
Permit Number: 446

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lori Lyn Rosen
Agency: NMS Labs
Permit Number: 447

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	02/21/20	02/01/22
Agilent 7890A/ 5975C, GC-GC-GC/MS, or Agilent 5973 GC/MS and LC- MS/MS Waters TQS	02/21/20	02/01/22
Thermo Seperations or Waters HPLC UPLC or HPLC UV	02/21/20	02/01/22
Agilent 6890 NPD and and alcohols HP 6890/5890 GC/FID	02/21/20	02/01/22
API 4500/ 4000	02/21/20	02/01/22
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jacob Tavakoly-Atar
Agency: NMS Labs
Permit Number: 448

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17
API 4500 LC-MS/MS	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Justine Michelle Titko
Agency: NMS Labs
Permit Number: 449

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/21/18	12/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jennifer Lynn (Turri) Swatek
Agency: NMS Labs
Permit Number: 450

Instrument	Effective	Expires
ELISA Tecan	12/14/19	12/01/21
LC-TOF Agilent Jet Stream 6230	12/14/19	12/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	12/14/19	12/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/14/19	12/01/21
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/14/19	12/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/14/19	12/01/21
ELISA Tecan	06/01/19	06/01/21
LC-TOF Agilent Jet Stream 6230	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	06/01/19	06/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/19	06/01/21
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/19	06/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	06/01/19	06/01/21

This record reflects the most recent permits issued to the named analyst.
This analyst has held a permit for the analysis of blood since 01/28/15.

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rachel Christine Reilly
Agency: NMS Labs
Permit Number: 451

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
API 4500/4000/6500 LC-MS/MS	12/04/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Gabriela Rodrigues Sacchi
Agency: NMS Labs
Permit Number: 452

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/28/15	01/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kiersten Lee Deblaker
Agency: NMS Labs
Permit Number: 453

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Annette V. Ervin
Agency: NMS Labs
Permit Number: 454

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/14/18	12/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/14/18	12/01/20
API 4500/4000/6500 LC-MS/MS	12/14/18	12/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/15/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/15/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/05/15	02/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/05/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Armand Gjeka
Agency: NMS Labs
Permit Number: 455

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Aileen Lu
Agency: NMS Labs
Permit Number: 456

Instrument	Effective	Expires
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Cassandra L. Pickett
Agency: NMS Labs
Permit Number: 457

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jaron Samuel Quinlan
Agency: NMS Labs **Permit Number:** 458

Instrument	Effective	Expires
ELISA-Tecan	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Denise Nicole Schiller
Agency: NMS Labs
Permit Number: 459

Instrument	Effective	Expires
ELISA Tecan	02/21/20	02/01/22
LC-TOF Agilent Jet Stream 6230		
Agilent 5973/5975 GC/MS	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier	02/21/20	02/01/22
TQD Tandem MS	02/21/20	02/01/22
API 4500/4000	02/21/20	02/01/22
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass	03/07/16	03/01/18
Quattro Premier or TQD		
GC/MS Agilent 7890A & 5975C	03/07/16	03/01/18
GC-GC-GC/MS,		
Agilent 5973 GCMS, WATERS TQS LC-MS/MS		
ELISA Tecan	02/05/15	02/01/17
LC-MS/MS Waters Micromass	02/05/15	02/01/17
Quattro Premier or TQD		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Marykathryn (Tynon) Moody
Agency: NMS Labs
Permit Number: 460

Instrument	Effective	Expires
ELISA Tecan	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/20/17	10/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/20/17	10/01/19
API 4500/4000 LC-MS/MS	10/20/17	10/01/19
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/02/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Marjola Lino
Agency: NMS Labs
Permit Number: 461

Instrument	Effective	Expires
ELISA Tecan	12/04/18	12/01/20
API 4500/4000 LC-MS/MS	12/04/18	12/01/20
ELISA Tecan	03/01/17	03/01/19
ELISA Tecan	04/07/15	04/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ashandra Gail DeWalt
Agency: NMS Labs
Permit Number: 462

Instrument	Effective	Expires
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	02/12/18	02/01/20
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	09/01/17	09/01/19
ELISA Tecan	09/01/17	09/01/19
LC-TOF Agilent Jet Stream 6230	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/17	09/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/01/17	09/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/01/17	09/01/19
API 4500/4000 LC-MS/MS	09/01/17	09/01/19

This record reflects the most recent permits issued to the named analyst.
This analyst has held a permit for the analysis of blood since 06/01/15.

Last updated by DHHS on 04/24/2020

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Garrick Jermaine Purdie
Agency: Wilmington Police Department
Permit Number: 463

Instrument	Effective	Expires
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	02/01/17	02/01/19
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	02/10/15	02/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: William Michael Schroeder
Agency: NMS Labs
Permit Number: 464

Instrument	Effective	Expires
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	10/03/19	10/01/21
ELISA Tecan	10/03/19	10/01/21
LC-TOF Agilent Jet Stream 6230	10/03/19	10/01/21
LC-QTOF Agilent 6530	10/03/19	10/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/03/19	10/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973/5975 GCMS, WATERS TQS LC-MS/MS	10/03/19	10/01/21
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	10/03/19	10/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/03/19	10/01/21
API 4500/4000/6500 LC-MS/MS	10/03/19	10/01/21
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	01/26/18	01/01/20
ELISA Tecan	01/26/18	01/01/20
LC-TOF Agilent Jet Stream 6230	01/26/18	01/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/18	01/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/18	01/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/18	01/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/18	01/01/20
API 4500/4000/6500 LC-MS/MS	01/26/18	01/01/20

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 06/01/15.

Last updated by DHHS on 04/24/2020

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kyle David Brown
Agency: NMS Labs
Permit Number: 465

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Alex Paul Castanzo
Agency: NMS Labs
Permit Number: 466

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/15	06/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amber Luise Fontanez
Agency: NMS Labs
Permit Number: 467

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/15	06/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brittany Lynn Cassell
Agency: North Carolina State Crime Laboratory
Permit Number: 468

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/01/18	12/01/20
Agilent Technologies GC/MS	12/01/18	12/01/20
ELISA Tecan Freedom EVO 75 and 150	12/01/18	12/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/18	12/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/01/17	03/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	03/01/17	03/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/01/17	03/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/11/15	06/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mirriam Nicole Hooks
Agency: North Carolina State Crime Laboratory
Permit Number: 469

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/11/15	06/01/17
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Tasheé Nicole Washington
Agency: North Carolina State Crime Laboratory
Permit Number: 470

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/11/15	06/01/17
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Janea R. Patterson
Agency: NMS Labs
Permit Number: 471

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/01/17	05/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	05/01/17	05/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/16/15	06/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/16/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kylie Nichole Alford
Agency: North Carolina State Crime Laboratory
Permit Number: 472

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/01/15	09/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jacqueline Seki Coley
Agency: North Carolina State Crime Laboratory
Permit Number: 473

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/01/15	09/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Joan L. Schemmer
Agency: NMS LAbs
Permit Number: 474

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	02/21/20	02/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Swapna Jayan
Agency: North Carolina State Crime Laboratory
Permit Number: 475

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Megan Jane Keeler
Agency: North Carolina State Crime Laboratory
Permit Number: 476

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/01/15	09/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Stephanie Danielle (Marcin) Douthwaite
Agency: North Carolina State Crime Laboratory
Permit Number: 477

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/07/19	03/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	03/07/19	03/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/07/19	03/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/01/17	06/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/01/15	09/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Anthony Kuzemko
Agency: Pitt County Sheriff's Office
Permit Number: 478

Instrument	Effective	Expires
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	10/01/15	10/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mark Allen Jackson
Agency: Charlotte-Mecklenburg Police Department
Permit Number: 479

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/19	09/01/21
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/17	09/01/19
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/15	09/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jonathan Derek DeCenzi
Agency: NMS Labs
Permit Number: 480

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: John Martin Hendricks
Agency: NMS Labs
Permit Number: 481

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Caitlin Marie Cunningham
Agency: NMS Labs
Permit Number: 482

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Leah Cardine Ali
Agency: NMS Labs
Permit Number: 483

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Shibaughn Tara Ramsey
Agency: NMS Labs
Permit Number: 484

Instrument	Effective	Expires
ELISA Tecan	12/01/15	12/01/17
LC-TOF Agilent Jet Stream 6230	12/01/15	12/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/01/15	12/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Josephine Parks Gottal
Agency: NMS Labs
Permit Number: 485

Instrument	Effective	Expires
ELISA Tecan	12/01/15	12/01/17
LC-TOF Agilent Jet Stream 6230	12/01/15	12/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/01/15	12/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jonathan Keith Butz
Agency: NMS Labs
Permit Number: 486

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	11/01/17	11/01/19
GC/MS Agilent 5973	11/01/17	11/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/15/15	12/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Heidy Prock
Agency: NMS Labs
Permit Number: 487

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/15/15	12/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Phuong Kim Truong
Agency: NMS Labs
Permit Number: 488

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Stephanie Kathleen Kumor
Agency: NMS Labs
Permit Number: 489

Instrument	Effective	Expires
ELISA Tecan	03/29/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/29/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,WATERS TQS LC-MS/MS	03/29/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Korey Paige Raupach
Agency: NMS Labs
Permit Number: 490

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jonathan Fred Goodwin
Agency: NMS Labs
Permit Number: 491

Instrument	Effective	Expires
ELISA Tecan	03/07/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Joseph Anthony Mockus
Agency: NMS Labs
Permit Number: 492

Instrument	Effective	Expires
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Nicole Elizabeth (Stader) Wirth
Agency: NMS Labs
Permit Number: 493

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/01/19	10/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/20/17	10/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amanda Jeanne Karwell
Agency: NMS Labs
Permit Number: 494

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/07/15	06/01/17

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Erin Melissa Cosme
Agency: North Carolina State Crime Laboratory
Permit Number: 495

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	12/01/19	12/01/21
Agilent Technologies GC/MS	12/01/19	12/01/21
ELISA Tecan Freedom EVO 75 and 150	12/01/19	12/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/19	12/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/01/18	03/01/20
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	03/01/18	03/01/20
ELISA Tecan Freedom EVO 75 and 150	03/01/18	03/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/01/18	03/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/24/16	05/01/18
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	05/24/16	05/01/18
ELISA Tecan Freedom EVO 75	05/24/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/24/16	05/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Leonard L. Lee
Agency: NMS Labs
Permit Number: 496

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/25/16	05/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Her Men Ng
Agency: NMS Labs
Permit Number: 497

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/25/16	05/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Matthew A. Zuchero
Agency: NMS Labs
Permit Number: 498

Instrument	Effective	Expires
ELISA Tecan	05/01/20	05/01/22
ELISA Tecan	05/01/18	05/01/20
ELISA Tecan	05/25/16	05/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Samantha Elizabeth Hill
Agency: NMS Labs
Permit Number: 499

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	05/25/16	05/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Tashnia R. Babar
Agency: NMS Labs
Permit Number: 500

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	05/01/18	05/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	05/25/16	05/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rachel Marie Janson
Agency: Pitt County Sheriff's Office
Permit Number: 501

Instrument	Effective	Expires
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	03/01/18	03/01/20
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	06/02/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mary Elizabeth Coleman
Agency: NMS Labs
Permit Number: 502

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mindy Elizabeth Hair
Agency: NMS Labs
Permit Number: 503

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ella Haluza
Agency: NMS Labs
Permit Number: 504

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Robert Paul Hessler, Jr.
Agency: NMS Labs
Permit Number: 505

Instrument	Effective	Expires
API 4500/4000/ 6500 LC-MS/MS	01/10/20	01/01/22
API 4500/4000/ 6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brian Christopher Landis
Agency: NMS Labs
Permit Number: 506

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/01/18	05/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	05/01/18	05/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael David McBride
Agency: NMS Labs
Permit Number: 507

Instrument	Effective	Expires
ELISA Tecan	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Allison Nicole Vaughan
Agency: NMS Labs
Permit Number: 508

Instrument	Effective	Expires
API 4500/4000 LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rosendo Cristian Villafuerte-Vega
Agency: NMS Labs
Permit Number: 509

Instrument	Effective	Expires
ELISA Tecan	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Timothy Michael Yannaccone
Agency: NMS Labs
Permit Number: 510

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jenna E. Snow
Agency: NMS Labs
Permit Number: 511

Instrument	Effective	Expires
GC Agilent 6890 NPD; alcohols HP 6890/5890 GC/FID; and Agilent 5973 GCMS	09/06/18	09/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Hao Mong Low
Agency: NMS Labs
Permit Number: 512

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	09/01/18	09/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Seth Ryan Hogg
Agency: NMS Labs
Permit Number: 513

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Danielle Nicole Seamon
Agency: NMS Labs
Permit Number: 514

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Danielle Summer Bernard
Agency: NMS Labs
Permit Number: 515

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kristy S. Bernard
Agency: NMS Labs
Permit Number: 516

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Robert A. Brown
Agency: NMS Labs
Permit Number: 517

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brittany Michelle Watt
Agency: North Carolina State Crime Laboratory
Permit Number: 518

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	08/01/18	08/01/20
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Alyssa Leigh Tinnin
Agency: North Carolina State Crime Laboratory
Permit Number: 519

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	08/01/18	08/01/20
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Megan Elizabeth Deeds
Agency: North Carolina State Crime Laboratory
Permit Number: 520

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/17/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kathleen Maria Barra
Agency: North Carolina State Crime Laboratory
Permit Number: 521

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Bryan James Morse
Agency: North Carolina State Crime Laboratory
Permit Number: 522

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kayla Marie (Baylor) Yang
Agency: North Carolina State Crime Laboratory
Permit Number: 523

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Curtis Neil Reinbold
Agency: North Carolina State Crime Laboratory
Permit Number: 524

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	02/06/20	02/01/22
Agilent Technologies GC/MS	02/06/20	02/01/22
ELISA Tecan Freedom EVO 75 and 150	02/06/20	02/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/06/20	02/01/22
SCIEX X500R LCTOF-MS	02/06/20	02/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	08/01/18	08/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	08/01/18	08/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	08/01/18	08/01/20
Hewlett-Packard GC/MS (6890/5973)	08/01/18	08/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	10/27/16	10/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Stephanie Lyn Schaffer
Agency: NMS Labs
Permit Number: 525

Instrument	Effective	Expires
ELISA Tecan	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Devin Corrine Lee
Agency: NMS Labs
Permit Number: 526

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Jet Stream 6530	04/27/18	04/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Taryn Malootian
Agency: NMS Labs
Permit Number: 527

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/04/18	12/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brandon Nathaniel Nelson
Agency: NMS Labs
Permit Number: 528

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Alison Palombo
Agency: NMS Labs
Permit Number: 529

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/16	12/01/18

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Courtney Renee Lancor
Agency: NMS Labs
Permit Number: 530

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/20/17	02/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Emily Ann Myers
Agency: North Carolina State Crime Laboratory
Permit Number: 531

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	04/03/17	04/01/19
ELISA Tecan Freedom EVO 75	04/03/17	04/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/03/17	04/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Matthew Richard Gurniak
Agency: NMS Labs
Permit Number: 532

Instrument	Effective	Expires
ELISA Tecan	05/01/17	05/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Meaghan Marie Ringel
Agency: NMS Labs
Permit Number: 533

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	06/01/19	06/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/19	06/01/21
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/19	06/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	6/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Estefania Joselinne Alba-Rodriguez
Agency: NMS Labs
Permit Number: 534

Instrument	Effective	Expires
ELISA Tecan	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mercedes Nicole Bauman
Agency: NMS Labs
Permit Number: 535

Instrument	Effective	Expires
ELISA-Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230	04/27/18	04/01/20
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
LC-TOF Agilent Jet Stream 6230	06/28/17	06/01/19
Agilent 5973/5975 GCMS	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amanda Lucia D'Orazio
Agency: NMS Labs
Permit Number: 536

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	06/01/19	06/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Elenia Debra Kotretsos
Agency: NMS Labs
Permit Number: 537

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	06/01/19	06/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Caitlyn Mary McGrellis
Agency: NMS Labs
Permit Number: 538

Instrument	Effective	Expires
ELISA-Tecan	06/01/19	06/01/21
LC-TOF Agilent Jet Stream 6230	06/01/19	06/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
ELISA Tecan	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kyle P. Miller
Agency: NMS Labs
Permit Number: 539

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	06/01/19	06/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mia A. Borrelli
Agency: NMS Labs
Permit Number: 540

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lindsay C. Pinkstone
Agency: NMS Labs
Permit Number: 541

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	01/10/20	01/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Victoria Lauren Stewart
Agency: NMS Labs
Permit Number: 542

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	10/01/19	10/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	10/01/19	10/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	08/01/19	08/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	08/01/19	08/01/21
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	08/25/17	08/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Anthony Michael Poidmani
Agency: NMS Labs
Permit Number: 543

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	10/20/17	10/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Cierra DeAngela Bell
Agency: North Carolina State Crime Laboratory
Permit Number: 544

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/01/19	09/01/21
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	09/01/19	09/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/19	09/01/21
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/01/17	12/01/19
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	12/01/17	12/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/17	12/01/19
Hewlett-Packard GC/MS (6890/5973)	12/01/17	12/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Olivia Tarlo
Agency: NMS Labs
Permit Number: 545

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	10/01/19	10/01/21
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/17	12/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Alexis Cheryl Harrington
Agency: NMS Labs
Permit Number: 546

Instrument	Effective	Expires
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	10/01/19	10/01/21
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	12/15/17	12/01/19

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ian Conrad Hall
Agency: NMS Labs
Permit Number: 547

Instrument	Effective	Expires
API 4500/4000/ 6500 LC-MS/MS	01/10/20	01/01/22
API 4500/4000/ 6500 LC-MS/MS	02/12/18	02/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kenton J. Codara
Agency: NMS Labs
Permit Number: 548

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/12/18	02/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lin-Lon T. Yang
Agency: NMS Labs
Permit Number: 549

Instrument	Effective	Expires
ELISA-Tecan	01/10/20	01/01/22
LC-TOF Agilent Jet Stream 6230	01/10/20	01/01/22
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230;	02/12/18	02/01/20
Agilent 5973 & 5975 GC/MS		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Sharana Darcel Cook
Agency: NMS Labs
Permit Number: 550

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	04/01/20	04/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	04/01/20	04/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	04/27/18	04/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Cuong Luu
Agency: NMS Labs
Permit Number: 551

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS or API 4500	04/27/18	04/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lauren Elizabeth Rumberger
Agency: NMS Labs
Permit Number: 552

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	04/27/18	04/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Amanda Jeanette Pickett Martin
Agency: NMS Labs
Permit Number: 553

Instrument	Effective	Expires
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	05/10/18	05/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Carla Nicole Peguese
Agency: New Hanover County Sheriff's Office Forensic Laboratory
Permit Number: 554

Instrument	Effective	Expires
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	11/15/19	11/01/21
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	06/27/18	06/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Alyssa Nicole Page
Agency: North Carolina State Crime Laboratory
Permit Number: 555

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/17/18	07/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	07/17/18	07/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/17/18	07/01/20
Hewlett-Packard GC/MS (6890/5973)	07/17/18	07/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Lauren Leigh Wiley
Agency: City-County Bureau of Identification
Permit Number: 556

Instrument	Effective	Expires
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	08/15/18	08/01/20
Agilent GC/MS (7890A/5875C)	08/15/18	08/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Charles A. DiMaggio
Agency: NMS Labs
Permit Number: 557

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	05/01/20	05/01/22
API 4500/4000/6500 LC-MS/MS	05/25/18	05/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Aaron Melvin Katz
Agency: NMS Labs
Permit Number: 558

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS API 4500	05/01/20	05/01/22
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	05/01/20	05/01/22
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS API 4500	05/25/18	05/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	05/25/18	05/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Timothy Vincent DeVincenzo
Agency: NMS Labs
Permit Number: 559

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/04/18	12/01/20

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Shaquita L.D. Grier
Agency: NMS Labs
Permit Number: 560

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/01/19	02/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Courtney Chantal Wengerd
Agency: NMS Labs
Permit Number: 561

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	02/01/19	02/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Piwowar
Agency: North Carolina State Crime Laboratory
Permit Number: 562

Instrument	Effective	Expires
Agilent Gas Chromatograph w/ Headspace Autosampler	08/21/19	08/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Briana Rose Travatello
Agency: North Carolina State Crime Laboratory
Permit Number: 563

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	01/10/20	01/01/22
Agilent Technologies GC/MS	01/10/20	01/01/22
ELISA Tecan Freedom EVO 75 and 150	01/10/20	01/01/22
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	01/10/20	01/01/22
SCIEX X500R LC-TOF-MS	01/10/20	01/01/22
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	12/19/19	12/01/21
Agilent Technologies GC/MS	12/19/19	12/01/21
ELISA Tecan Freedom EVO 75 and 150	12/19/19	12/01/21
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/19/19	12/01/21
Agilent Gas Chromatograph w/ Headspace Autosampler	08/21/19	08/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Delilah R. DeWilde
Agency: NMS Labs
Permit Number: 564

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS API 4500	09/04/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/04/19	09/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Brittany Dosch
Agency: NMS Labs
Permit Number: 565

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	09/04/19	09/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Allison Nicole Rosengarden
Agency: NMS Labs
Permit Number: 566

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	09/04/19	09/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Nicholas Peter Laraia
Agency: NMS Labs
Permit Number: 567

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS API 4500	09/04/19	09/01/21
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/04/19	09/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Courtney Leigh Scharer
Agency: NMS Labs
Permit Number: 568

Instrument	Effective	Expires
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/04/19	09/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Patrick Harvan
Agency: NMS Labs
Permit Number: 569

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	09/04/19	09/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Shannon Kathleen Gordon
Agency: North Carolina State Crime Laboratory
Permit Number: 570

Instrument	Effective	Expires
Agilent 7890 Gas Chromatograph w/ Headspace Autosampler	10/03/19	10/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jeremy Brett Ellis
Agency: NMS Labs
Permit Number: 571

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	10/10/19	10/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Eric Kenneth Beyer
Agency: NMS Labs
Permit Number: 572

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	10/10/19	10/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Mary Reider Van Ellis
Agency: NMS Lab
Permit Number: 573

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	10/10/19	10/01/21
GC/MS Agilent 7890A & 5975C	10/10/19	10/01/21
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/10/19	10/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Allison M. Dinwoodie
Agency: NMS Labs
Permit Number: 574

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	10/10/19	10/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Rebecca Kate Turner
Agency: NMS Labs
Permit Number: 575

Instrument	Effective	Expires
ELISA-Tecan	10/10/19	10/01/21
LC-TOF Agilent Jet Stream 6230	10/10/19	10/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jessica Susan Duchene
Agency: New Hanover County Sheriff's Office Forensic Laboratory
Permit Number: 576

Instrument	Effective	Expires
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	11/19/19	11/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Danielle Ruth Lofgren
Agency: NMS Labs
Permit Number: 577

Instrument	Effective	Expires
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	11/18/19	11/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Cara M. Nicodemus
Agency: NMS Labs
Permit Number: 578

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	11/18/19	11/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ryan Keith Piscopo
Agency: NMS Labs
Permit Number: 579

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	11/18/19	11/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Victoria E. Becker
Agency: NMS Labs
Permit Number: 580

Instrument	Effective	Expires
API 4500/4000/6500 LC-MS/MS	11/18/19	11/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Hannah L. Watts
Agency: NMS Labs
Permit Number: 581

Instrument	Effective	Expires
ELISA-Tecan	11/18/19	11/01/21
LC-TOF Agilent Jet Stream 6230	11/18/19	11/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Kendra Leigh Carvalho
Agency: NMS Lab
Permit Number: 582

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	12/14/19	12/01/21
GC/MS Agilent 7890A & 5975C	12/14/19	12/01/21
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/14/19	12/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Michael Peprah
Agency: NMS Labs
Permit Number: 583

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230	12/14/19	12/01/21
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Emily Pearl Thompson
Agency: NMS Lab
Permit Number: 584

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	12/14/19	12/01/21
GC/MS Agilent 7890A & 5975C	12/14/19	12/01/21
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/14/19	12/01/21

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Gillian Vitale
Agency: NMS Lab
Permit Number: 585

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	01/10/20	01/01/22
GC/MS Agilent 7890A & 5975C	01/10/20	01/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/10/20	01/01/22

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Samantha M. Girvan
Agency: NMS Lab
Permit Number: 586

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/13/20	02/01/22
GC/MS Agilent 7890A & 5975C	02/13/20	02/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/13/20	02/01/22

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Ketie Chen
Agency: NMS Lab
Permit Number: 587

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/13/20	02/01/22
GC/MS Agilent 7890A & 5975C	02/13/20	02/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/13/20	02/01/22

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Jesse James Swan
Agency: NMS Lab
Permit Number: 588

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/13/20	02/01/22
GC/MS Agilent 7890A & 5975C	02/13/20	02/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/13/20	02/01/22

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Makayla Alexandra LoChiatto
Agency: NMS Lab
Permit Number: 589

Instrument	Effective	Expires
ELISA Tecan	02/21/20	02/01/22

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Matthew Paul Mohacey
Agency: NMS Lab
Permit Number: 590

Instrument	Effective	Expires
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/21/20	02/01/22
GC/MS Agilent 7890A & 5975C	02/21/20	02/01/22
GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/21/20	02/01/22

Department of Health and Human Services
Forensic Tests for Alcohol Branch
Individual Permit History for Blood Analysis

Name: Gabrielle Sawick
Agency: NMS Lab
Permit Number: 591

Instrument	Effective	Expires
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/20/20	04/01/22