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
Agency: City-County Bureau of Identification
Permit Number: 332

Instrument	Effective	Expires
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
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 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)	04/01/16	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 Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace Ultra GC 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	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
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 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
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 CTC Headspace Autosampler	09/19/12	09/01/14
Varian 3800 Gas Chromatograph w/	10/07/11	10/07/13
Hewlett-Packard GC/MS (6890/5973) - Agilent Technologies GC/MS	10/07/11	10/07/13
EMIT	10/07/11	10/07/13
ELISA	10/07/11	10/07/13

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 Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace Ultra GC 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)	04/01/16	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

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
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	12/11/13	12/01/15
Hewlett-Packard GC/MS (6890/5973) Agilent Technologies GC/MS	12/11/13	12/01/15
ELISA Tecan Freedom EVO 75	12/11/13	12/01/15

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

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

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
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	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, 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 A. 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	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	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	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	12/06/16	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
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 Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	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: Danielle R. DeMauro
Agency: NMS Labs
Permit Number: 388

Instrument	Effective	Expires
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: Craig Thomas Leopold
Agency: NMS Labs
Permit Number: 389

Instrument	Effective	Expires
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	12/06/16	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, 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	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	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
Agency: NMS Labs
Permit Number: 395

Instrument	Effective	Expires
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
Agency: NMS Labs
Permit Number: 396

Instrument	Effective	Expires
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	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
Agency: NMS Labs
Permit Number: 398

Instrument	Effective	Expires
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	12/15/16	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	12/06/16	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
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	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	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: 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

Last updated by DHHS on 03/06/2017

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	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	12/06/16	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	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 N. Sherwood
Agency: NMS Labs
Permit Number: 416

Instrument	Effective	Expires
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: Nancy A. Shubbar
Agency: NMS Labs
Permit Number: 417

Instrument	Effective	Expires
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, 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	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: Cherie Marie Trail
Agency: NMS Labs
Permit Number: 420

Instrument	Effective	Expires
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 E. Vinosky
Agency: NMS Labs
Permit Number: 423

Instrument	Effective	Expires
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
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	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, 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 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	06/27/16	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 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	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
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, 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	09/21/16	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
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	12/06/16	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
Agency: NMS Labs
Permit Number: 450

Instrument	Effective	Expires
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
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: Rachel Christine Reilly
Agency: NMS Labs
Permit Number: 451

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	01/28/15	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
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, 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 S. Quinlan
Agency: NMS Labs
Permit Number: 458

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

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
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17
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: Marykathryn Tynon
Agency: NMS Labs
Permit Number: 460

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
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	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	05/02/16	05/01/18
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	06/01/15	06/01/17

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	05/02/16	05/01/18
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	06/01/15	06/01/17

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 Agilent Technologies GC/MS	03/01/17	03/01/19
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 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: 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	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
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: Jacqueline Seki Coley
Agency: North Carolina State Crime Laboratory
Permit Number: 473

Instrument	Effective	Expires
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: Joan L. Schemmer
Agency: NMS LAbs
Permit Number: 474

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: 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	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
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: Stephanie Danielle Marcin
Agency: North Carolina State Crime Laboratory
Permit Number: 477

Instrument	Effective	Expires
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: 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)	09/01/15	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
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	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
Agency: NMS Labs
Permit Number: 493

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

Instrument	Effective	Expires
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
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	05/25/16	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 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	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	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 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	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
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 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	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	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	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	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
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: Kathleen Maria Barra
Agency: North Carolina State Crime Laboratory
Permit Number: 521

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
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
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
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
Agency: North Carolina State Crime Laboratory
Permit Number: 523

Instrument	Effective	Expires
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
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
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
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	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
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