



The Lab Report

Volume 5, Issue 3

December 2015

The Lab Report Wrap Up – 2015

As the year 2016 is welcomed in, we at the Nebraska State Patrol Crime Laboratory would like to recap the past year in numbers. In the final quarterly issue of The Lab Report for 2015, we are providing our year-end statistics for the laboratory to you, our customer! These statistics include the total number of case assignments per unit/section received for the year, the total number of agencies who submitted cases to the NSP Crime Laboratory in 2015, total number of presentations/trainings provided, the total number of court appearances by laboratory staff, and database (CODIS, AFIS) statistics.

For convenience, any [links](#) that are embedded in The Lab Report pdf documents can be accessed simply by clicking on the link! This includes the newest feature in the newsletter - links to laboratory supervisor contact information (see [page 8](#)). This feature allows for quick and easy contact with supervisors with a quick “click” of the mouse!

If you have any questions/concerns regarding the topics related to this issue of The Lab Report, please do not hesitate to contact us (laboratory contact information - pg. 12).

Enjoy!

Amy Weber (Firearm/Toolmark Section Analyst - Editor)

Table of Contents

NSP Crime Laboratory Statistical Report (2015)	2-3
NSPCL Facility: Old vs. New	4-7
Lab Contact Information	8

The Backlog Corner

* average turnaround time (TAT) is the average number of days that cases are turned around – this number includes Rush and Routine cases. The number is calculated by our LIMS system

Biology Unit: 272 assignments – average TAT: 143.16 days

Physical Sciences Unit:

Latent Fingerprints: 111 assignments – average TAT: 106.10 days

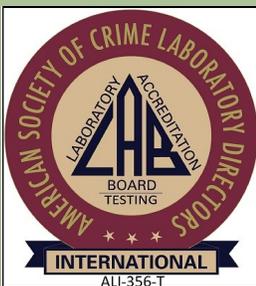
Firearm/Toolmark/Footwear/Tire: 31 assignments – average TAT: 40.38 days

Chemistry Unit:

Controlled Substances: 877 assignments – average TAT: 93.23 days

Toxicology: 195 assignments – average TAT: 130.68 days

Trace: 12 assignments – average TAT: 127.67 days



ASCLD/LAB accredited since 2004.



NSP Crime Laboratory 2015 Statistical Recap

As the 2015 year comes to a close, the NSP Crime Laboratory would like to provide year-end statistics for the agencies we serve across the state of Nebraska. In addition to scientific evidence analysis, our analysts provide expert witness testimony for the court system (state and federal levels) as well as provide educational presentations/training free of charge throughout the state!

Listed below are the NSP Crime Laboratory year-to-date totals (as of December 31, 2015). The “[Assignments Received/Submitted](#)” column refers to the number of submissions to the lab in 2015. The “[Reports Written/Assignments Completed](#)” column refers to the number of 2015 submissions completed.

Total Number of Different Agencies Served by the Lab in 2015: 159

	Assignments Received/Submitted (2015)	Reports Written/Assignments Completed (2015)
	4904	4710
<u>Chemistry Unit</u>		
Controlled Substances	3100	3008
Toxicology	638	606
Trace	38	30
<u>Biology Unit</u>		
Biology Casework	652	624
<u>Physical Sciences Unit</u>		
Firearms/Toolmarks/ Footwear/Tire	158	169
Latent Fingerprints	314	269
Questioned Documents	4	4



NSP Crime Laboratory 2015 Statistical Recap

Court Appearance/Testimony Stats

- Total Court Appearances by NSP Laboratory Staff in 2015: **51**
- Total Miles Travelled for Court in 2015: **13,597 miles**
- Number of Counties where Testimony was Provided in 2015: **6**
- Number of Overnight Stays to Provide Testimony in 2015: **17**



Database Statistics for 2015

- CODIS (Combined DNA Index System)
 - CODIS Hits: **72**
 - ⇒ Offender Samples Received: **3435**
- AFIS (Automated Fingerprint Identification System)
 - AFIS Cold Hits: **55**
 - ⇒ AFIS Latent Fingerprints Searched: **334**



Free Presentations/Trainings Provided by NSPCL Staff

- Number of Presentations/Trainings Provided by NSPCL Staff: **25**
- Approximate Number of Presentation/Training Attendees: **1582**



Expert
Widely recognized
knowledge
or deciding ri
-ledge c



Thank You for your Patience

We want to extend a huge thank you to all of our customers for all of your patience as we made the lengthy transition from our old laboratory facility to the new laboratory facility. We recognize that, with casework being halted for approximately a month, this may have affected court dates, etc. The staff at the NSP Crime Laboratory have been working diligently to make every attempt to account for time lost.

With the construction of a new laboratory facility, our working space increased from approximately 13,000 sq. feet to approximately 28,000 sq. feet. Below are some photo examples showing where we came from vs. where we are today!

As always, feel free to contact the NSP Crime Laboratory for any questions/concerns regarding evidence analysis, presentations/training, and expert witness testimony. All of our services are FREE to every law enforcement agency in the state!

Laboratory Director

Pam Zilly

Quality Assurance Mgr.

Vicki Hopkins

Chemistry Unit

- Celeste Laird (Mgr)
- Abbey Dodds (Sup)
- Mike Auten
- Vicky Cowan
- Meggan Macomber
- Amanda Neely
- Brad Rutledge
- Jerry Smith



Old NSPCL Facility: Chemistry Instrument Room



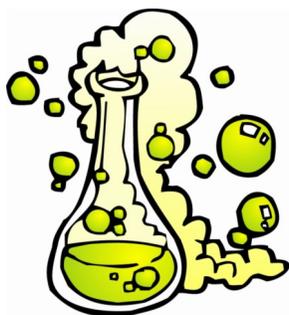
New NSPCL Facility: Chemistry Instrument Room



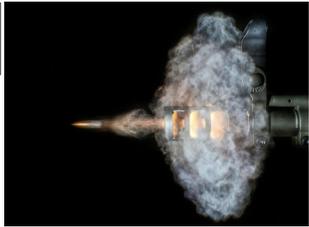
New NSPCL Facility: Chemistry Analytical Bench Area



New NSPCL Facility: Toxicology



NSPCL Laboratory Facility: Old vs New



Old NSPCL Facility: Firearm Section Shooting Range /Chemical Processing Area



Old NSPCL Facility: Firearm/Toolmark Section Scope and Analytical Bench Area



New NSPCL Facility: Firearm Section Shooting Tank/Armorer's Room



New NSPCL Facility: Firearm Section Down Range Trap



New NSPCL Facility: Firearm Section Chemical Processing Room



New NSPCL Facility: Firearm Section Scope and Analytical Bench Area (1 of 4)

Firearm/Toolmark Section
Kent Weber (Sup)
Amy Weber
Sarah Zarnick



NSPCL Laboratory Facility: Old vs. New



**NSPCL Old Facility: Latent Prints Section
Laboratory Processing Area**



**NSPCL New Facility: Latent Prints Section
Reagent Prep Area**



NSPCL New Facility: Latent Prints Section Processing Areas

Latent Fingerprint Section

*Mariana Ward (Sup)
Bridget Driver*

Evidence Section

*Jan Johnson (Sup)
Margaret Wiesen*



Old NSPCL Facility: Evidence Intake



New NSPCL Facility: Evidence Intake Area



NSPCL Laboratory Facility: Old vs. New



Old NSPCL Facility: Biology Unit Lab Area



New NSPCL Facility: Biology Unit Lab Area



New NSPCL Facility: Biology Unit Lab Area



New NSPCL Facility: Biology Unit Lab Area



New NSPCL Facility: Firearm Section – Footwear/Tire Adobe Room



Biology Unit

- Jason Linder (Mgr)
- Jeff Bracht
- Hillary Cooper
- Danielle Oshlo
- Brandy Porter
- Heidi Young

CODIS

- Katie Rector (Sup)
- Debra Davis



Laboratory Director:
Pam Zilly
Pam.Zilly@nebraska.gov

Nebraska State Patrol Crime Lab
3977 Air Park Rd
Lincoln, NE 68524

(main) 402-471-8950
(fax) 402-471-8954

Hours of Operation:
Monday-Friday
8am – 5pm

Evidence Receipt Hours:
Monday-Friday
9am-4pm

To contact the crime lab with
general laboratory questions,
call the main phone number
or email the Crime Lab at:

NSP.CrimeLab@nebraska.gov

The Lab Report Editor:
Amy Weber
Amy.Weber@nebraska.gov

Nebraska State Patrol Crime Lab Staff Contact Information:

Laboratory Director

Pam Zilly Pam.Zilly@nebraska.gov

Quality Assurance Manager / Evidence Section Manager

Vicki Hopkins Vicki.Hopkins@nebraska.gov

Evidence Section

Jan Johnson (Supervisor)
Jan.Johnson@nebraska.gov
Margaret Wiesen

Physical Sciences Unit

(Manager) VACANT

Firearm/Toolmark Section

Kent Weber (Supervisor)
Kent.Weber@nebraska.gov
Amy Weber
Sarah Zarnick

Latent Fingerprint Section

Mariana Ward (Supervisor)
Mariana.Ward@nebraska.gov
Bridget Driver

Chemistry Unit

Celeste Laird (Manager) Celeste.Laird@nebraska.gov

Controlled Substances

Abbey Dodds (Supervisor)
Abbegayle.Dodds@nebraska.gov
Vicky Cowan
Meggan Macomber
Amanda Neely
Jerry Smith

Trace

Mike Auten

Toxicology

Brad Rutledge

Biology Unit

Jason Linder (Manager) Jason.Linder@nebraska.gov

Biology

Jeff Bracht
Hillary Cooper
Danielle Oshlo
Brandy Porter
Heidi Young

CODIS

Katie Rector (Supervisor)
Katherine.Rector@nebraska.gov
Debra Davis

<http://statepatrol.nebraska.gov/>