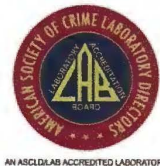


ISSUE	<p>Unexpected results were obtained in case # 07-024902. Laboratory technician Lisa Wilson appeared as a major contributor of a DNA profile obtained from a firearm in the case. This did affect the calculation process to determine the significance of the conclusion.</p> <p>The analyst was Annette Peer. (added to electronic file for search purposes)</p>		
PERTINENT POLICY OR CRITERIA	Evidence contamination/handling.		
CORRECTIVE ACTIONS	<p>The background of this case is that Lisa Wilson worked on the evidence firearm as part of her routine duties. This was done on May 4, 2007. Lisa's involvement would have been to check the loaded status of the firearm as indicated by her initials and date on the packaging.</p> <p>New policies have been put into place regarding a requirement to wear gloves and a mask when now processing a firearm. This was made effective September 2007.</p> <p>This issue has also resulted in a clarification of QA reporting of technical problems and specifying when a QA report is needed when unexpected results are obtained in a DNA report.</p> <p>See attached pages for DNA unexpected results report, policy change for the QA manual, and input from Laboratory Technician Lisa Wilson.</p>		
INCLUDED IN CASE PACKET <input checked="" type="checkbox"/>	<div>_____</div> <div>QA MANAGER</div>	<div>_____</div> <div>CRIME LABORATORY MANAGER</div>	CLOSURE DATE
	<div>_____</div> <div>UNIT SUPERVISOR</div>	<div>_____</div> <div>UNIT SUPERVISOR/ANALYST</div>	<div>11/21/2007</div>
UNIT	<div>FORENSIC BIOLOGY</div>		DATE INITIATED <div>10/26/2007</div>

LAMBERT 005202



San Diego Police Department Crime Lab
Quality Assurance Unit



QUALITY ASSURANCE REPORT			
Unit: Forensic Biology	Subject: Property Room Staff Match on 14088412	Date Initiated: 4/9/12	Added to Case Packet <input checked="" type="checkbox"/>
Narrative: Property Room Clerk Judy Fischer's DNA was detected as a major component of a complex mixture from a swab of a gun. The suspect was excluded as a major contributor to the sample. Judy's DNA did not affect the ability to exclude the suspect as a major contributor because, even though Judy's types were present at a high level, the suspect had types that were not present at all in the mixture. Judy's DNA present at a major level does prevent the searching of the major types in CODIS.			
Root Cause Analysis: Judy Fischer was on a part-time leave situation and was in Property up to two days just prior to the impound of the gun. While she was not in Property at the time of the impound, her presence is still enough of an issue to explain the contamination.			
Laboratory Nonconformance: N/A			
Corrective Action: No corrective actions are necessary in this case for laboratory procedure.			
FOLLOW UP INFORMATION: None required.		DATE:	
Date Completed: 5-29-12	Laboratory Manager Approval:		
QA Manager: John Simon	Unit Supervisor:		
Add'l: H.M.V.	Add'l: [Signature]		
Add'l:	Add'l: Blackwell		

SAN DIEGO POLICE DEPARTMENT - FORENSIC BIOLOGY UNIT
STAFF DATABASE MATCH

CASE # 140884-12

CHARGE(S) 12021 PC

PROPERTY TAG # Incident #12010026190
Barcode #10074200

ITEM # 7

DESCRIPTION OF ITEM

Swab of textured areas of gun; the swabbing was performed by K. Wagner #0997 in the Crime Scene Unit.

NAME OF STAFF ASSOCIATED W/ EVIDENCE

Judy Fisher

Unit

Property Room

LEVEL OF CONTRIBUTION OF INDIVIDUAL

☐ Single Source DNA Profile

☐ Predominant DNA Profile

☒ DNA Contributor to a Mixture

☒ Major DNA Contributor to a Mixture
(if applicable)

☐ Minor DNA Contributor to a Mixture

☐ Low level Contributor of DNA

ADDITIONAL COMMENTS

The mixture from this item has at least five contributors, at least one of which is female. A local CODIS search of the major DNA types resulted in a match to Judy Fisher. The probabilities of a random match are in the 100's of millions. Judy Fisher does not appear to have handled the gun, either while it was being impounded or while it was being binned in the Property Room. According to Shawn Montpetit, Judy Fisher was on FMLA leave in January, which is when the gun was impounded. There is a suspect in this case. The presence of Judy Fisher's DNA types on the gun did not seem to affect the ability to exclude the suspect as a possible major contributor to this mixture. Due to the complexity of the mixture, no comparisons or CODIS searches could be performed regarding any possible minor contributors; however, there are DNA types that the suspect has that are not present at D19 and FGA, even in a minor capacity, so the presence of her DNA types do not appear to effect conclusions regarding the named suspect. Judy Fisher's DNA types being present in a major capacity effects the ability for the major DNA types to be searched in the state and national CODIS database; however, comparisons could be performed if new references are submitted and requested. There are two other items of evidence in this case: the swabs of the entire surface of the gun, and the swab of the magazine. The results from the swabs of the entire surface of the gun are too complex for comparisons and searches; however, Judy Fisher's types are present at all loci, and the suspect has one DNA type missing at one locus. The results from the magazine are too complex and low-level to be conclusive for comparisons and searches; however DNA types from both Judy Fisher and from the suspect are missing at multiple loci.

ANALYST

LB

DATE

4/9/2012

Note: Please attach a copy of the Local Match Detail Report, a copy of the page of notes detailing the examination of the item(s) in question, or any other pertinent documentation.

DNA Technical Manager

Shawn Montpetit

Date: 04-19-2012

Supervising Criminalist

PC 1.2

Date: 4/9/12

Quality Assurance Manager

Date: _____

LAMBERT 005344

EXHIBIT 71 - 001

SAN DIEGO POLICE DEPARTMENT - FORENSIC BIOLOGY UNIT
STAFF DATABASE MATCH

CASE # 11-028042

CHARGE(S) 981153 ZZ (found gun)

PROPERTY TAG # or

INCIDENT # 11070023012

ITEM # or Barcode 10095223_4

DESCRIPTION OF ITEM

Combined swabs of the textured areas (10095223) and entire surface (10095224) of a handgun (10008741)

NAME OF STAFF ASSOCIATED W/ EVIDENCE

Robert (Bob) Lloyd

Unit

Property Room

LEVEL OF CONTRIBUTION OF INDIVIDUAL

☐ Single Source DNA Profile

☐ Predominant DNA Profile

☒ DNA Contributor to a Mixture

☒ Major DNA Contributor to a Mixture
(if applicable)

☐ Minor DNA Contributor to a Mixture

☐ Low level Contributor of DNA

ADDITIONAL COMMENTS

According to the chain of custody report in FileOnQ, Bob received the gun at Southeastern, transferred it to HQ and then to the gun processing cart.

No additional conclusions will be made regarding the mixture of DNA.

ANALYST

Darren Wright *DW*

DATE

6/15/2012

Note: Please attach a copy of the Local Match Detail Report, a copy of the page of notes detailing the examination of the item(s) in question, the electropherogram, and/or any other pertinent documentation.

DNA Technical Manager

[Signature]

Date: 06-25-2012

Supervising Criminalist

[Signature]

Date: 6/25/12

Quality Assurance Manager

Date: _____

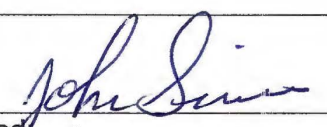
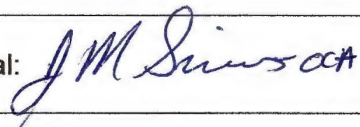
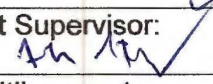
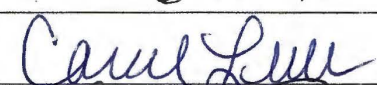
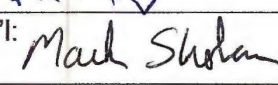
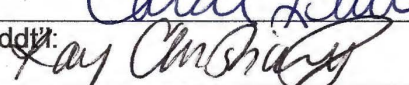
LAMBERT 005371

EXHIBIT 73 - 001



San Diego Police Department Crime Lab
Quality Assurance Unit



QUALITY ASSURANCE REPORT			
Unit: Forensic Biology	Subject: Property Room Contamination 14055411	Date Initiated: 6/11/12	Added to Case Packet : <input checked="" type="checkbox"/>
Narrative: Coral Luce detected Property Room employee Mark Sholan's DNA contamination on a swab taken from a gun handled in Property. This DNA contamination did affect, in part, the ability to make any interpretation on the minor DNA types that were present.			
Root Cause Analysis: Property Room Employee Mark Sholan handled the gun into Property and verified the items. He followed clean procedures as demonstrated in training that he has already received.			
Laboratory Nonconformance: This is not a laboratory issue.			
Corrective Action: The Property Room Supervisor was alerted to the contamination. All proper documents for the situation were prepared for the case file. The employee was alerted to contamination.			
Follow-up Information: N/A		DATE:	
QA Manager: 	Laboratory Manager Approval: 		
Date Completed: 6-27-12	Unit Supervisor: 		
Add'l: 	Add'l: 		
Add'l: 	Add'l:		

SAN DIEGO POLICE DEPARTMENT - FORENSIC BIOLOGY UNIT
STAFF DATABASE MATCH

CASE # 140554-11

CHARGE(S) 12025(B)(6)(B) PC

Incident
PROPERTY TAG # 11120018330
06/11/12

Barcode
ITEM # 10058364
06/11/12

DESCRIPTION OF ITEM One swab of the entire surface of the magazine after fingerprint processing.

NAME OF STAFF ASSOCIATED W/ EVIDENCE Mark Sholan Unit Property Room

LEVEL OF CONTRIBUTION OF INDIVIDUAL

☐ Single Source DNA Profile

☐ Predominant DNA Profile

☒ DNA Contributor to a Mixture

☒ Major DNA Contributor to a Mixture
(if applicable)

☐ Minor DNA Contributor to a Mixture

☐ Low level Contributor of DNA

ADDITIONAL COMMENTS A mixture of DNA from at least four people was obtained from the swab of the magazine. There appears to be one major contributor that is male. Mark Sholan is included as the major contributor to the mixture. The minor DNA types are unsuitable for comparisons, due in part to the presence of contamination. This mixture will not be searched against CODIS.

ANALYST Coral Luce *[Signature]*

DATE 6/11/2012

Note: Please attach a copy of the Local Match Detail Report, a copy of the page of notes detailing the examination of the item(s) in question, or any other pertinent documentation.

DNA Technical Manager *[Signature]*

Date: 06-11-2012

Supervising Criminalist *[Signature]*

Date: 6/11/12

Quality Assurance Manager _____

Date: _____

LAMBERT 004963

Local Match Detail Report
Match Date: 05/16/2012 13:54
Match Number: 1245

	Target CA0371100 None 40554-11 10058364 Keyboard	Candidate CA0371100 86-MS Staff	
STR Locus	Target	Candidate	Locus Match Stringency
D8S1179	12,14	12,14	High
D21S11	29,30.2	29,30.2	High
D7S820	7,11	7,11	High
CSF1PO	10,11	10,11	High
D3S1358	17,18	17,18	High
TH01	7,9.3	7,9.3	High
D13S317	12,13	12,13	High
D16S539	13,14	13,14	High
D2S1338	23,24	23,24	High
D19S433	14,16	14,16	High
vWA	14,19	14,19	High
TPOX	9,10	9,10	High
D18S51	17,20	17,20	High
Amelogenin		X,Y	Not Searched
D5S818	11,12,13	11,13	Moderate
FGA	21,24	21,24	High
15 STR Loci Match		Match Stringency: Moderate	

match summary:

15 Locus Candidates: 2
 total candidates: 2

	Target	Candidate
Source ID:	N/A	Yes
Partial Profile:	No	No
Disposition:	Candidate Match	Candidate Match
Invest. Aided:	0	0

search configuration:

Search Program: Searcher

Maximum number of candidates to return from search: return all candidates

Use metadata sex as match filter: True

Evaluate STR: True

Minimum number of matching loci required to report a match: 3

Include candidate specimens that match on all but 0 loci.

Use STR as match filter: True

Require STR to report a match: False

Evaluate Y-STR: False

Evaluate mtDNA: False

Local Match Detail Report
Match Date: 05/16/2012 13:54
Match Number: 1245

OL

index	total searched
Forensic Mixture STR	2004
Forensic STR	9362
Missing Person	8
Relatives of Missing Person	1
Staff	127
Unidentified Human (Remains)	5
Total	11507

San Diego Police Department
Forensic Biology Section - Evidence Inventory Worksheet

Case #: 140554-11

Date: 5/4/2012

Analyst: CLDescription of item:

Incident #: 11120018330

Barcode #: 10058362

Packaging: Sealed Manila Envelope

Labeled (in part): "6...collected from the textured areas (grip, trigger, slide lock, safety, hammer and magazine release) of the handgun"

containing:

one unsealed coin envelope containing one swab with gray discoloration.

sampled as 6(62)

Amount sampled for testing: 1 Entire Swab

☒ Repackaged as original and labeled with case #, date, and initialsDescription of item:

Incident #: 11120018330

Barcode #: 10058363

Packaging: Sealed Manila Envelope

Labeled (in part): "7...collected from the entire surface of the handgun (Item 1A) after fingerprint processing"

containing:

one unsealed coin envelope containing one swab with black discoloration.

sampled as 7(63)

Amount sampled for testing: 1 Entire Swab

☒ Repackaged as original and labeled with case #, date, and initialsDescription of item:

Incident #: 11120018330

Barcode #: 10058364

Packaging: Sealed Manila Envelope

Labeled (in part): "8...collected from the entire surface of the magazine (Item 1B) after fingerprint processing"

containing:

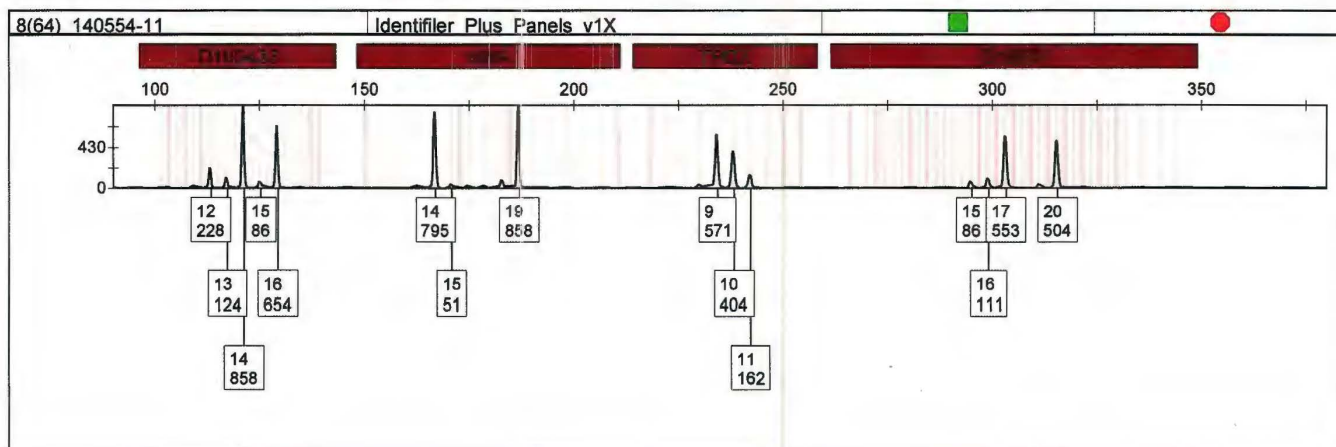
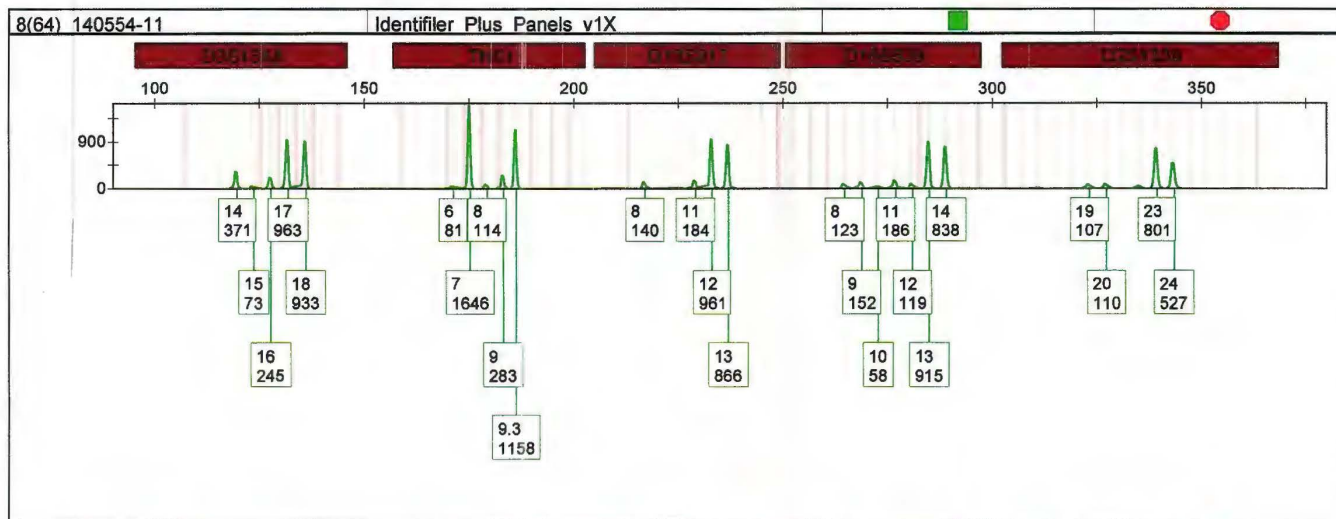
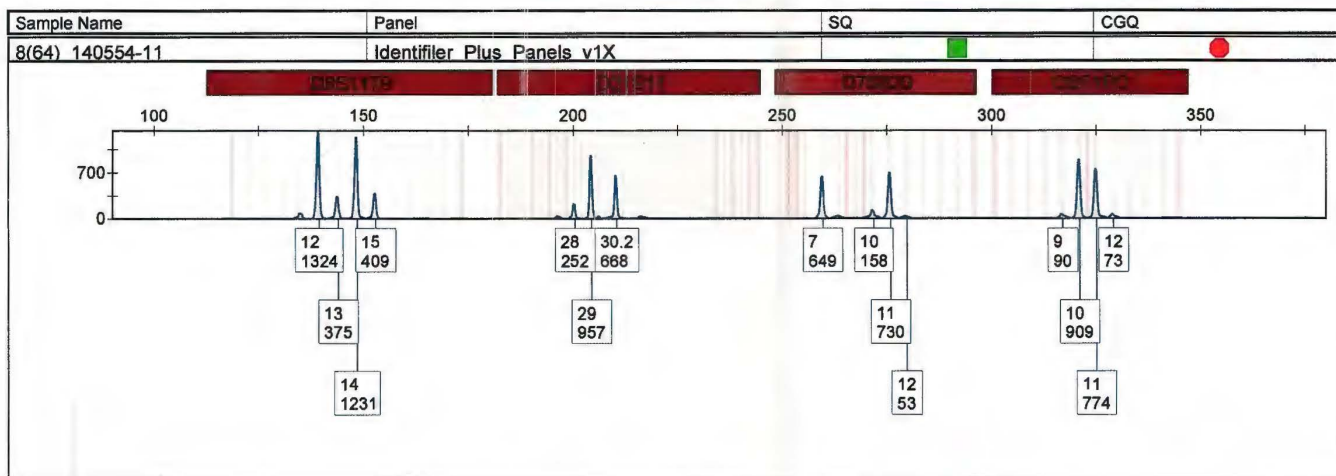
one unsealed coin envelope containing one swab with black discoloration.

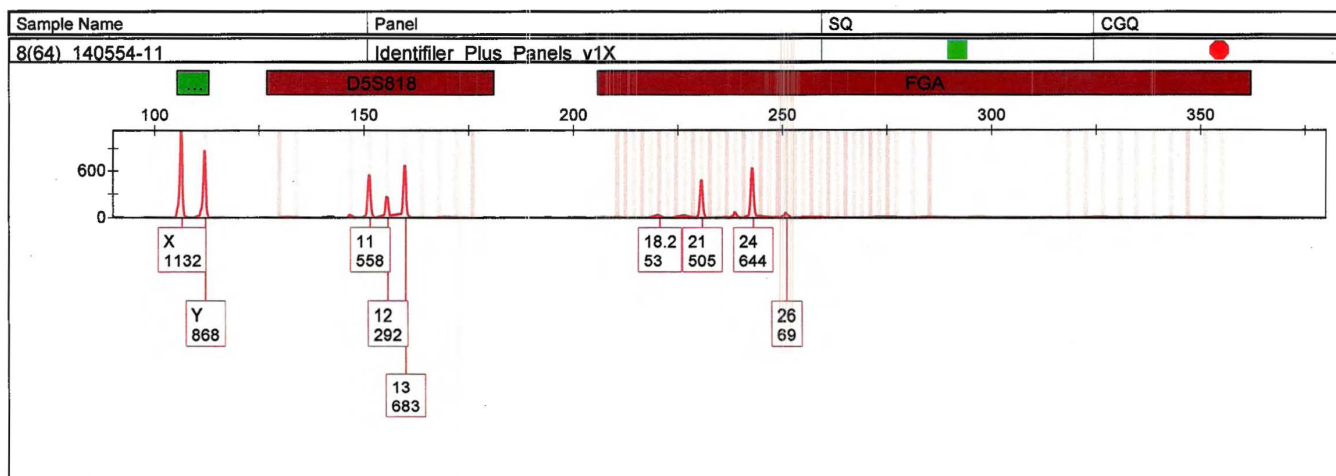
sampled as 8(64)

Amount sampled for testing: 1 Entire Swab

☒ Repackaged as original and labeled with case #, date, and initials

LAMBERT 004966





**SAN DIEGO POLICE DEPARTMENT
CHAIN OF CUSTODY**

INCIDENT #: 11120018330	ITEM #: 2	CASE #:
RECOVERED BY: RESCH, JACOB - 5829	RECOVERY DATE: 12/10/2011	
RECOVERY ADDRESS: 1600 Dahlia		
RECOVERY LOCATION:		
TRANSPORTED BY: -	TRANSPORT DATE:	



DNA SWABS

10055247

Date/Time	Logged in User	Item moved to this Location
12/10/2011 11:58:02PM	JACOB RESCH	
12/11/2011 8:06:51AM	Sholan, Mark	RECEIVED HEADQUARTERS BIN
12/11/2011 8:07:07AM	Sholan, Mark	Processed by
12/11/2011 8:08:11AM	Sholan, Mark	Freezer
12/13/2011 9:58:47AM	Vasquez, Paul	CHECKED OUT TO LAB
DNA Analysis -		<i>Brian Burritt</i> 8747
12/13/2011 9:58:47AM	Vasquez, Paul	CHECKED OUT TO LAB
DNA Analysis -		<i>Brian Burritt</i> 8747
12/19/2011 12:06:19PM	Lloyd, Robert	RECEIVED HEADQUARTERS
Returned to Property Room -		<i>Brian Burritt</i> Burritt 8747
12/19/2011 12:31:44PM	Lloyd, Robert	Freezer

End Chain of Custody for Item with barcode #: **10055247** related to Case #

NOTES:

**SAN DIEGO POLICE DEPARTMENT
CHAIN OF CUSTODY**

INCIDENT #: 11120018330	ITEM #: 1	CASE #:
RECOVERED BY: RESCH, JACOB - 5829	RECOVERY DATE: 12/10/2011	
RECOVERY ADDRESS: 1600 Dahlia St. SD CA. 92105		
RECOVERY LOCATION:		
TRANSPORTED BY: -	TRANSPORT DATE:	



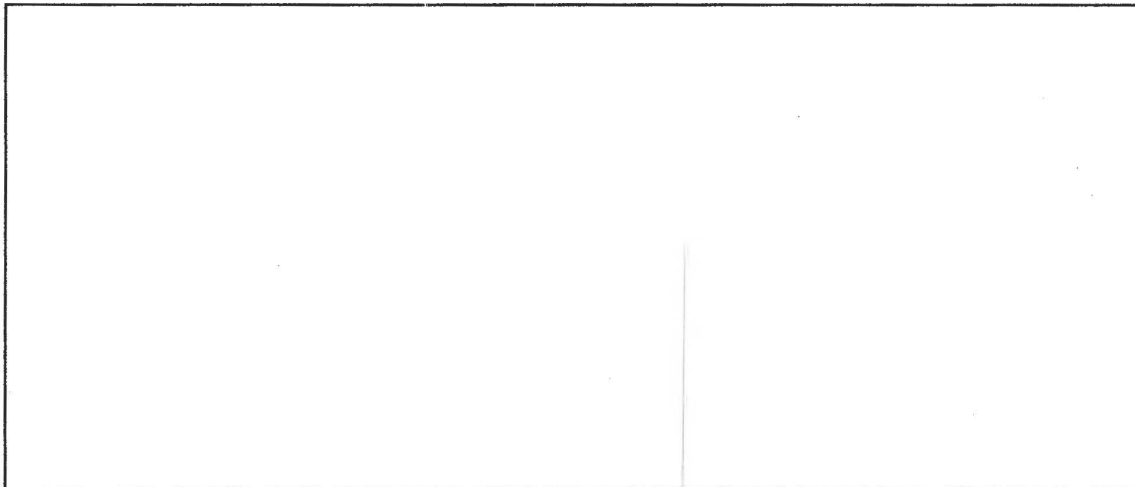
10055246

FIREARM - HANDGUN

barrel 4 1/4", made in West Germany, imported Sigarms Inc, Exeter
NH, 1 magazine, 7 rounds of ammo

Date/Time	Logged in User	Item moved to this Location
12/10/2011 11:56:38PM	JACOB RESCH	
12/11/2011 2:25:01PM	Sholan, Mark	RECEIVED HEADQUARTERS BIN
12/11/2011 2:25:03PM	Sholan, Mark	Processed by
12/11/2011 2:25:17PM	Sholan, Mark	GUNS VERIFIED
12/11/2011 2:33:37PM	Sholan, Mark	HG-124
12/16/2011 8:05:39AM	Fisher, Judy	CHECKED OUT TO LAB
PRINTS -		<i>Jennifer Sanders</i> J.SANDERS #8393
12/16/2011 2:01:37PM	Alonso, Victor	RECEIVED HEADQUAR
Returned to Property Room -		<i>Jennifer Sanders</i> J Sanders
12/16/2011 2:20:44PM	Alonso, Victor	HG-124
2/7/2012 1:24:50PM	Mumm, Kerry	CHECKED OUT TO LAB
Examination -		<i>Rebeck</i> rebick
2/14/2012 10:26:59AM	Ramirez, Ricardo	RECEIVED HEADQUAR
Returned to Property Room -		<i>Rebeck</i> Rebick #8154
2/14/2012 11:33:11AM	Alonso, Victor	HG-124

End Chain of Custody for Item with barcode #: 10055246 related to Case #



**SAN DIEGO POLICE DEPARTMENT
CHAIN OF CUSTODY**

INCIDENT #: 11120018330	ITEM #: 1	CASE #:
RECOVERED BY: RESCH, JACOB - 5829	RECOVERY DATE: 12/10/2011	
RECOVERY ADDRESS: 1600 Dahlia St. SD CA. 92105		
RECOVERY LOCATION:		
TRANSPORTED BY: -	TRANSPORT DATE:	

NOTES:

With Magazine containg seven un expended rounds.

5 x Winchester .45

2 x Federal .45

CA0371146 RE: SER/G237204 OCA/11120018330

-ENTERED-FCN/4611134600163 EVIDENCE

PROCESSING ADDITIONAL RECORD

CA0371146 RE: SER/G237204 OCA/11120018330

-ENTERED-FCN/4611134600162 CRIME GUN

END AFS RESPONSE

JCS 8393 12/19/11

This item was processed for prints and swabbed for DNA

This item was seperated for processing purposes:

1A: Hnadgun

1B: Magazine

1C: (7) Cartridges

- No prints were collected

- Swabs of possible DNA evidence were collected

(see items #6 through #9)

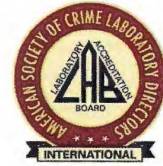
*****END*****

Firearms Processing Packet (Item #10) - a) bore swab b) test fires - by T. Rebick #8154 on
02/13/12



SAN DIEGO POLICE
FORENSIC SCIENCE SECTION

QUALITY INCIDENT REPORT



UNIT	SUBJECT	DATE	INCLUDED IN CASE
Forensic Biology	Property Room Staff Contamination Affecting DNA Interpretation	6/23/14	Y
Narrative: Property Room Employee Bob Lloyd was found to be present as a major contributor on a firearm (barcode 10305793, incident # 13120018279). This contamination did affect the overall interpretation of the DNA profile information obtained.			
Nonconformance: There is no laboratory nonconformance.			
Root Cause: In review of the FileOnQ information for this item, it is clear that Bob Lloyd did not handle the item at time of intake or through any release. This appears to be a secondary contamination that can be addressed by being more stringent on cleaning procedures, not talking over the evidence, etc. The absolute cause is uncertain.			
Policy Revision <input type="checkbox"/> Procedure Change <input type="checkbox"/> Administrative Issue <input type="checkbox"/> Technical Error <input type="checkbox"/> Analyst Error <input type="checkbox"/> N/A <input checked="" type="checkbox"/>			
Actions Taken: Property Room Supervisor Ray Christian was alerted to the situation.			
Follow Up:			Date:
Quality Manager <i>John M. Simon</i>		Crime Laboratory Manager <i>[Signature]</i>	
Date Completed: 6/23/14		Unit Supervisor: <i>[Signature]</i>	
Unit Supervisor: <i>B. Nain</i>		Add'l <i>[Signature]</i>	
Add'l <i>[Signature]</i>		Add'l <i>[Signature]</i>	

SAN DIEGO POLICE DEPARTMENT - FORENSIC BIOLOGY UNIT
STAFF DATABASE MATCH

JB

CASE # N/A

CHARGE(S) 12020 PC

PROPERTY TAG # or

INCIDENT # 13120018279

ITEM # or Barcode 10336126

DESCRIPTION OF ITEM TWO SWABS COLLECTED FROM THE TEXTURED AREAS OF THE RIFLE (10305793)

NAME OF STAFF ASSOCIATED W/ EVIDENCE Robert Lloyd (Bob) Unit Property Room

LEVEL OF CONTRIBUTION OF INDIVIDUAL

☐ Single Source DNA Profile

☐ Predominant DNA Profile

☒ DNA Contributor to a Mixture

☒ Major DNA Contributor to a Mixture

(if applicable)

☐ Minor DNA Contributor to a Mixture

☐ Low level Contributor of DNA

ADDITIONAL COMMENTS MIXTURE OF DNA FROM AT LEAST FIVE PEOPLE. ROBERT LLOYD IS INCLUDED AS A POSSIBLE MAJOR CONTRIBUTOR TO THE DNA MIXTURE. DNA TYPES FOREIGN TO ROBERT LLOYD WILL NOT BE SUITABLE FOR SEARCHING.

ANALYST T. BALLARD

INTERPRETATION WAS AFFECTED BY PRESENCE OF STAFF DNA.

6/19/2014

DATE 6/18/2014

Note: Please attach a copy of the Local Match Detail Report, a copy of the page of notes detailing the examination of the item(s) in question, the electropherogram, and/or any other pertinent documentation.

DNA Technical Manager *[Signature]*

Date: 06-19-2014

Supervising Criminalist *[Signature]*

Date: 6/19/14

Quality Assurance Manager *[Signature]*

Date: 6/23/14

LAMBERT 005093

EXHIBIT 98 - 002

Local Match Detail Report
Match Date: 05/20/2014 11:44
Match Number: 29972

813

	Target CA0371100 None 13 120018279_ Keyboard 10336126	Candidate CA0371100 94-RL Staff	
STR Locus	Target	Candidate	Locus Match Stringency
D8S1179	13	13	High
D21S11	28,29,30.2,31.2	28,30.2	Moderate
D7S820	8,10,11	10,11	Moderate
CSF1PO	10,11,12	10,12	Moderate
D3S1358	15,17,18	15,18	Moderate
TH01	6,8,9	6,9	Moderate
D13S317	8,12	8,12	High
D16S539	12	12	High
D2S1338	19	19	High
D19S433	13,14,16	13,14	Moderate
vWA	16,18	16,18	High
TPOX	8	8	High
D18S51		12,17	Not Searched
Amelogenin		X,Y	Not Searched
D5S818	9,11,12,13	12,13	Moderate
FGA		18,24	Not Searched
13 STR Loci Match		Match Stringency: Moderate	

match summary:

13 Locus Candidates:	1
8 Locus Candidates:	1
total candidates:	2

Local Match Detail Report
Match Date: 05/20/2014 11:44
Match Number: 29972

CB

	Target CA0371100 None	Candidate CA0371100 94-RL
Source ID:	N/A	Yes
Partial Profile:	No	No
Case Id:		
Disposition:	Candidate Match	Candidate Match
Invest. Aided:	0	0

search configuration:

Search Program: Searcher

Maximum number of candidates to return from search: return all candidates

Use metadata sex as match filter: True

Evaluate STR: True

Minimum number of matching loci required to report a match: 1

Include candidate specimens that match on all but 0 loci.

Use STR as match filter: True

Require STR to report a match: False

Evaluate Y-STR: False

Evaluate mtDNA: False

index	total searched
Forensic Mixture STR	2478
Forensic Partial	843
Forensic STR	11119
Missing Person	9
Staff	160
Unidentified Human (Remains)	6
Total	14615

San Diego Police Department
Forensic Biology Section - Evidence Inventory Worksheet

Case #: 13120018279

Date: 3/27/2014

Analyst:

Description of item:

BARCODE #: SEE BELOW

Packaging: ☒ Sealed

☒ Ten Manila Envelopes

Labeled (in part): "Incident #13120018279"
containing:

BARCODE #10336040: One manila envelope labeled in part, "One swab of possible DNA evidence collected from entire exterior surface of handgun (10305805), after print processing" containing a smaller manila envelope containing one swab with a black appearance. The entire swab will be consumed for DNA analysis as 040(79).

BARCODE #10336115: One manila envelope labeled in part, "Two swabs...of possible DNA collected from textured areas of rifle (10305791), before print processing" containing a smaller manila envelope containing two swabs with a tan-grey appearance. Both swabs will be consumed for DNA analysis as 115(79).

BARCODE #10336119: One manila envelope labeled in part, "Two swabs...of possible DNA collected from entire exterior surface of rifle (10305791), after print processing" containing a smaller manila envelope containing two swabs with a black appearance. Both swabs will be consumed for DNA analysis as 119(79).

BARCODE #10336126: One manila envelope labeled in part, "Two swabs...of possible DNA collected from textured areas of rifle (10305793), before print processing" containing a smaller manila envelope containing two swabs with a tan-grey appearance. Both swabs will be consumed for DNA analysis as 126(79).

BARCODE #10336127: One manila envelope labeled in part, "Two swabs...of possible DNA collected from entire exterior surface of rifle (10305793), after print processing" containing a smaller manila envelope containing two swabs with a black appearance. Both swabs will be consumed for DNA analysis as 127(79).

BARCODE #10336134: One manila envelope labeled in part, "Two swabs...of possible DNA collected from entire exterior surface of rifle (10305794), after print processing" containing a smaller manila envelope containing two swabs with a black appearance. Both swabs will be consumed for DNA analysis as 134(79).

BARCODE #10336349: One manila envelope labeled in part, "Two swabs...of possible DNA evidence collected from entire exterior surface of shotgun (10305789), before tape removed, and after processing for prints..." containing a smaller manila envelope containing two swabs with a black appearance. Both swabs will be consumed for DNA analysis as 349(79).

BARCODE #10336350: One manila envelope labeled in part, "One swab of possible DNA evidence collected from the entire stock of shotgun (10305789 except butt), after tape removed..." containing a smaller manila envelope containing one swab with a light grey appearance. The entire swab will be consumed for DNA analysis as 350(79).

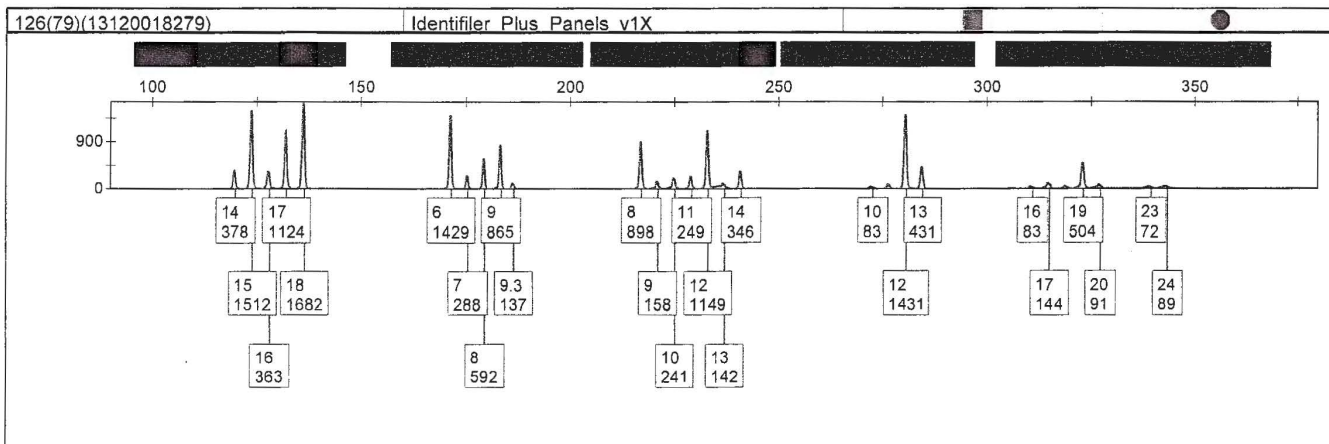
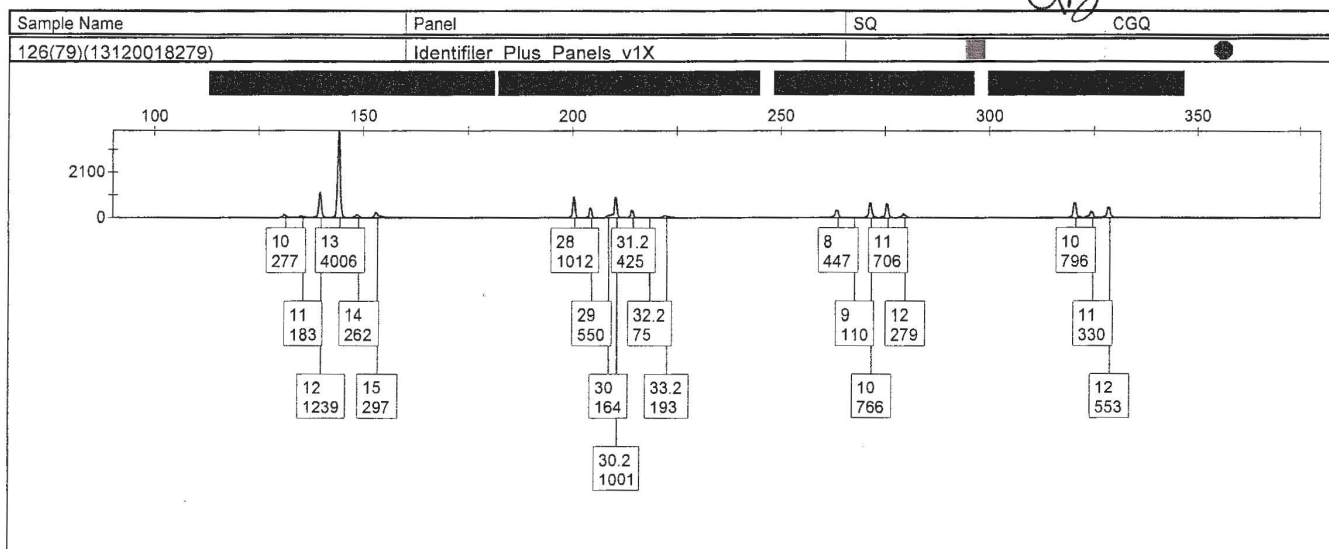
BARCODE #10336434: One manila envelope labeled in part, "Two swabs...of possible DNA evidence collected from non-sticky side of tape (10305789) after processing..." containing a smaller manila envelope containing two swabs with a black appearance. Both swabs will be consumed for DNA analysis as 434(79).

BARCODE #10336446: One manila envelope labeled in part, "Two swabs...of possible DNA evidence collected from non-sticky side of tape (10305789) after processing..." containing a smaller manila envelope containing two swabs with a black appearance. Both swabs will be consumed for DNA analysis as 436(79).

Disposition of Evidence: The remaining swab handles were returned to their original packaging.

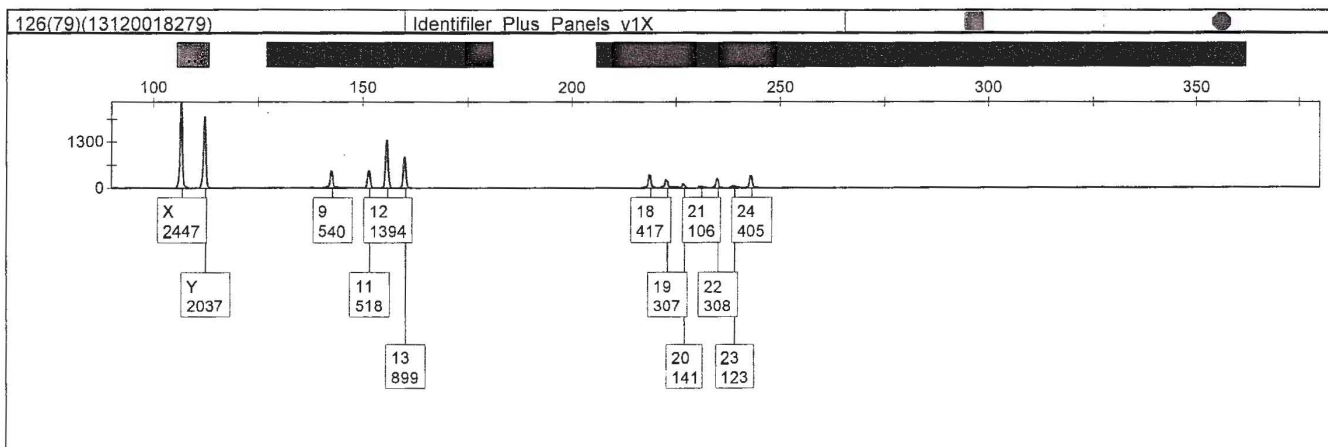
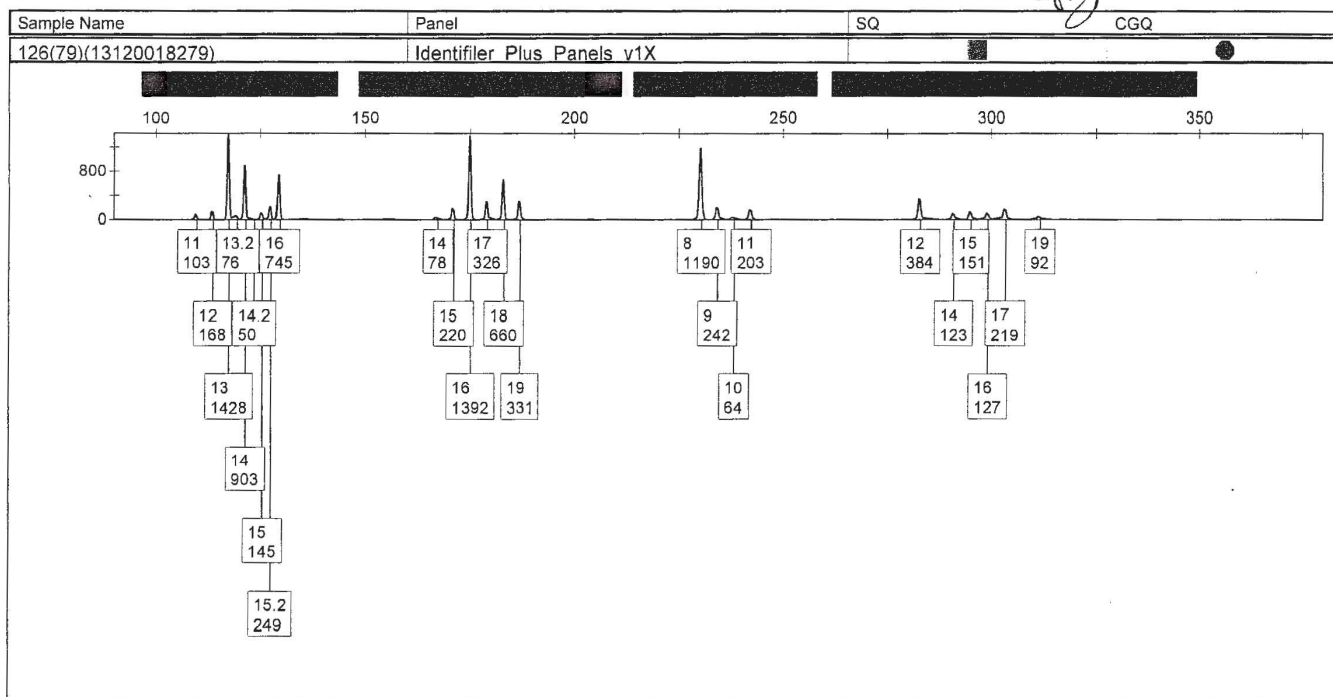
LAMBERT 005096

OKB



OK FOR PARTITIONING
 05-20-2014 *JAM*

9/13



FileOnQ 6.1.3205 - OnQ - Simms, John

File Edit View Fileroom Labels eDocuments Reports Tools Data Help

New Print Barcode Label Request Browse

Barcode: 10305793
13120018279

Current Location: RR-272 - RR-272 2/28/2014 2:12:51 PM jgrabbe

Details

Evidence Info | **Comments** | History | Retention | Documents

Record Created	Last Edited	Last Transferred	Initial Lot or box
On: 12/11/2013 By: scotth	On: 02/25/2014 By: kemcdonald	On: 02/28/2014 By: jgrabbe To: RR-272	On: ____ By: ____ To: ____

Double-click a EDIT history record to view details of the modifications

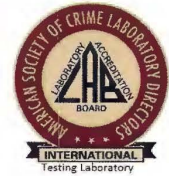
Computer Time	System Time	UserLogin	UserName	Method	Host Name	Host IP	Windows User
02/25/2014 16:21:52	02/25/2014 16:21:52	kemcdonald	McDonald, Karen	Manual	SDPD50395	10.225.8.165	kemcdonald
12/13/2013 12:41:29	12/13/2013 12:41:29	rmauzy	Mauzy, R. Curt	Manual	SDPD61869	10.225.2.30	rmauzy
12/13/2013 10:44:01	12/13/2013 10:44:01	msholan	Sholan, Mark	Manual	SDPD53118	10.225.2.165	msholan
12/12/2013 04:34:46	12/12/2013 04:34:46	gwadawek	Wadawek, Gerard	Manual	SDPD60260	10.225.2.226	gwadawek
12/11/2013 12:38:04	12/11/2013 12:38:04	scotth	SCOTT HENDERSON	Manual	10.225.4.170	10.225.4.170	WebServer

LAMBERT 005099



SAN DIEGO POLICE
FORENSIC SCIENCE SECTION

QUALITY INCIDENT REPORT



UNIT	SUBJECT	DATE	INCLUDED IN CASE
Forensic Biology	Staff Contamination Affected the Result of the Case 15090034159	12/14/15	Y
Narrative: A staff DNA profile was found on a swab of the grip and magazine of a handgun. This contamination did affect the results of the case.			
Nonconformance: Clean handling of evidence.			
Root Cause: This contamination is not from the analyst on the case. There is a logical tie-in to the presence of the contamination. This will be tracked for purposes of identifying a pattern.			
Policy Revision <input type="checkbox"/> Procedure Change <input type="checkbox"/> Administrative Issue <input type="checkbox"/> Technical Error <input type="checkbox"/> Analyst Error <input type="checkbox"/> N/A <input checked="" type="checkbox"/>			
Actions Taken: The name was verified in the coded spreadsheet to determine a logical connection to the presence of the contamination. The incident was logged and is being tracked for repeat pattern identification.			
Follow Up: No follow up is required at this time.			Date:
Quality Manager <i>[Signature]</i>	Crime Laboratory Manager <i>[Signature]</i>		
Date Completed: 12/14/15	Unit Supervisor: <i>[Signature]</i>		
Unit Supervisor: <i>[Signature]</i>	Addt'l <i>Margeth Sciarretta</i>		
Addt'l <i>[Signature]</i>	Addt'l		

SAN DIEGO POLICE DEPARTMENT - FORENSIC BIOLOGY UNIT
STAFF DATABASE MATCH

CASE # 15-040442

CHARGE(S) 211 PC

PROPERTY TAG # or

INCIDENT # 15090034159

ITEM # or BARCODE 10546590

DESCRIPTION OF ITEM

One swab collected from the textured areas of the grip and magazine release of the handgun (10532711).

STAFF SAMPLE # ASSOCIATED W/ EVIDENCE 15

% CONTRIBUTION 28%

Interpretation of sample affected by presence of staff member? YES ☒ NO ☐

ADDITIONAL COMMENTS

Staff sample is a male individual

ANALYST Marybeth Sciarretta

DATE December 7, 2015

Note: Please attach a copy of the STRMix Database Hit Report or Local Match Detail Report, a copy of the page of notes detailing the examination of the item(s) in question, the electropherogram, the first page of the STRMix deconvolution, and/or any other pertinent documentation.

DNA Technical Manager 

Date 12-7-2015

Supervising Criminalist 

Date 12/6/15

Quality Assurance Manager 

Date 12/14/15

LAMBERT 005173

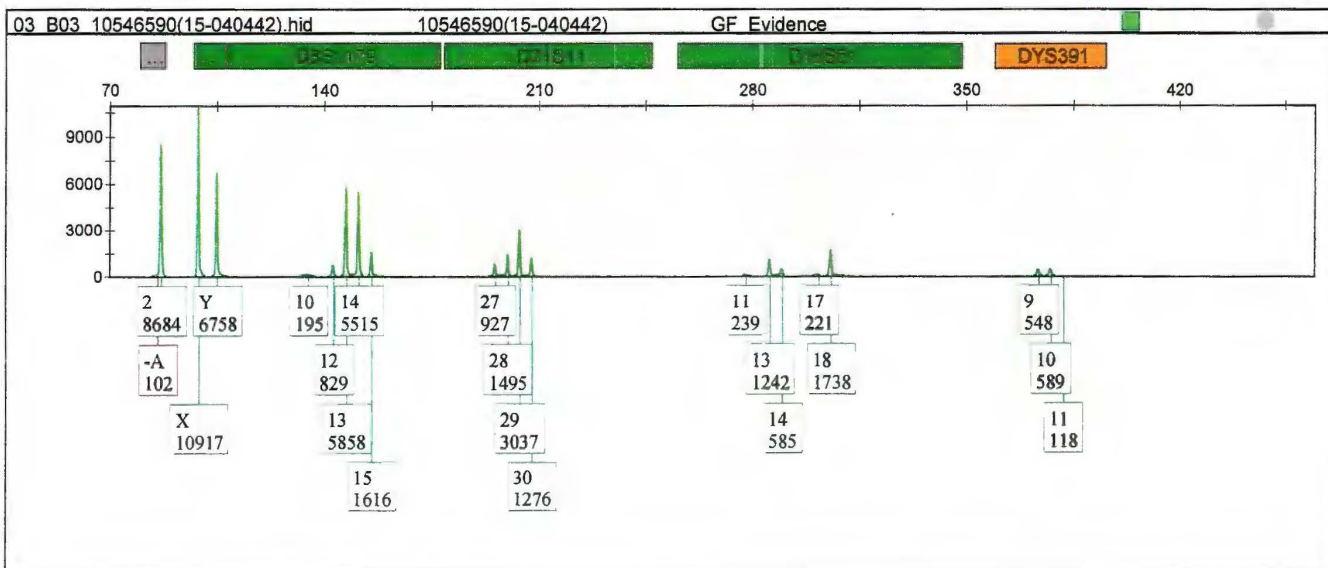
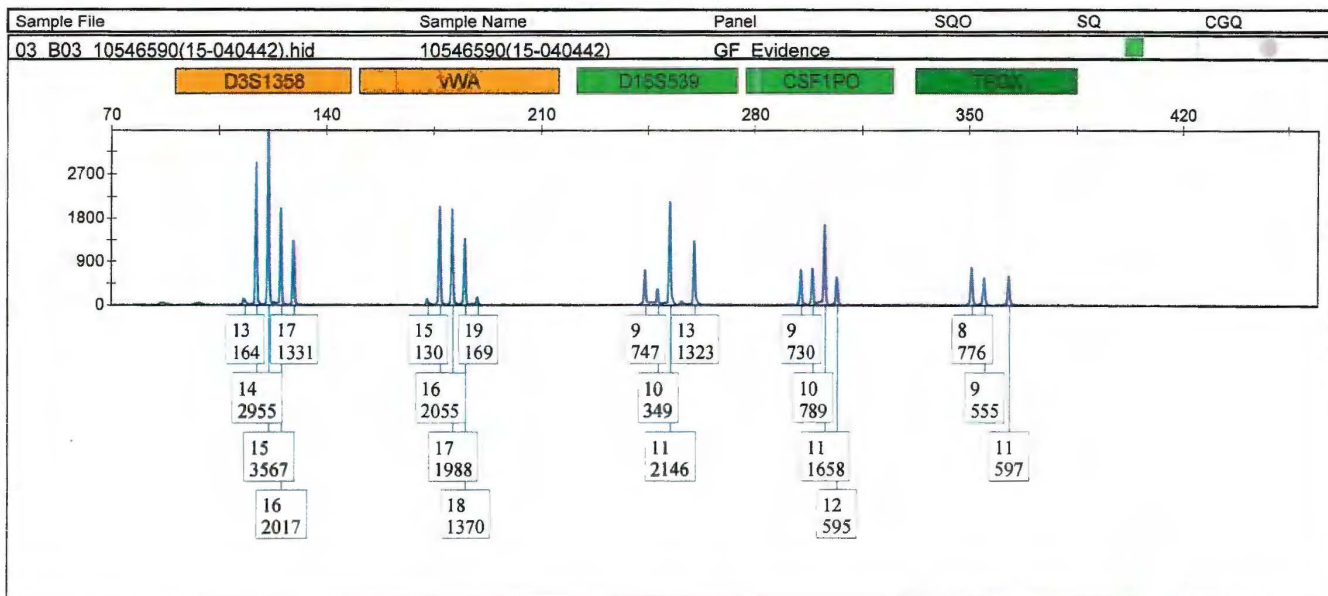
San Diego Police Department Forensic Biology Unit - Evidence Inventory Worksheet

Analyst: _____

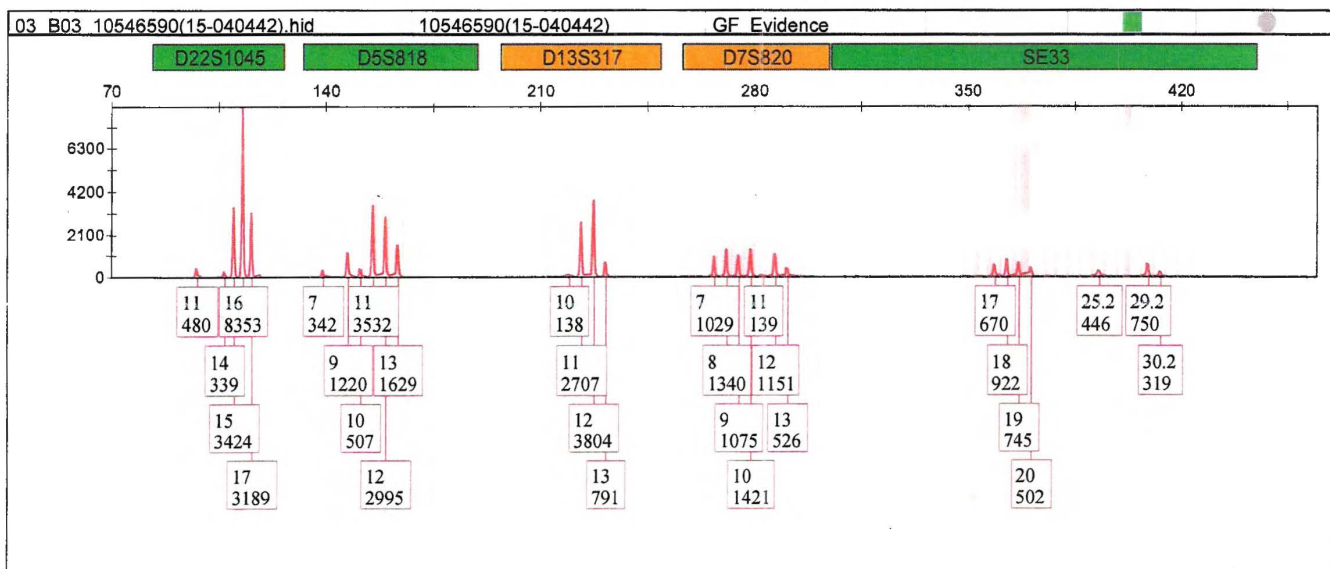
Case #:	15-040442	Barcode:	10546590	Date:	11/22/2015
Labeling (in part)	"One swab...collected from the textured areas of the grip and magazine release of the handgun, 10532711"				
Packaging	Sealed	Manila Envelope			
Contents	One coin envelope containing one swab with yellow discoloration.				
			Sampling:	1 Swab	<input checked="" type="checkbox"/> Repackaged as original & sealed

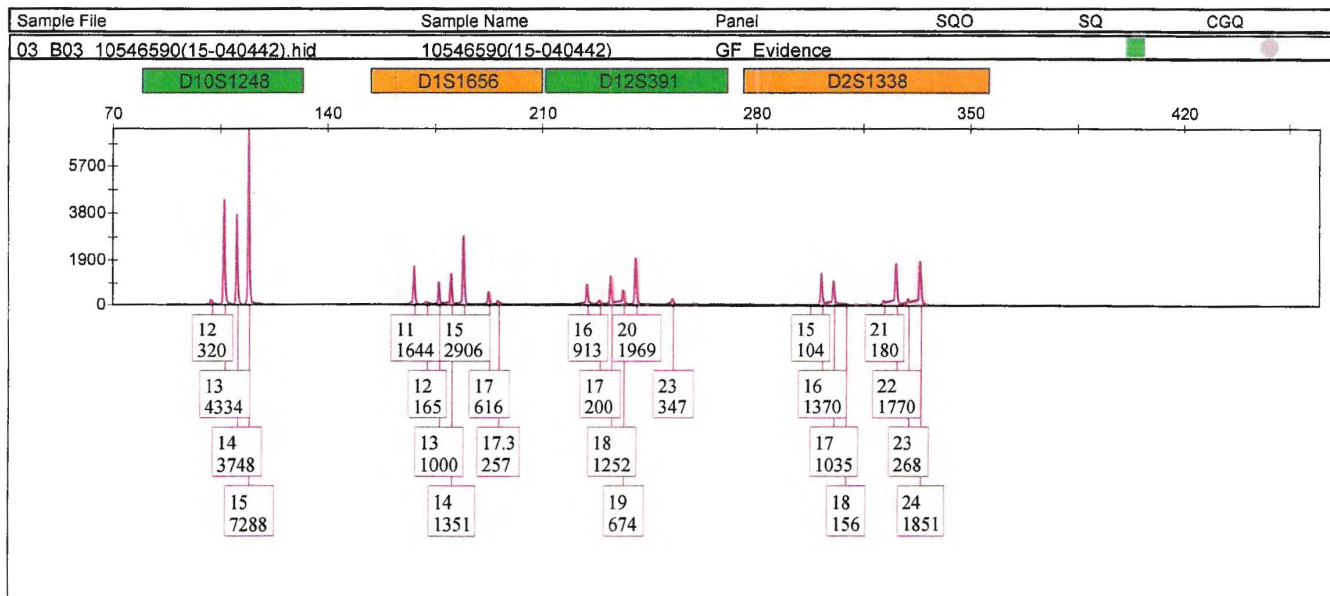
Case #:	15-040442	Barcode:	10546592	Date:	11/22/2015
Labeling (in part)	"One swab...collected from the exterior surface of the handgun, 10532711"				
Packaging	Sealed	Manila Envelope			
Contents	One coin envelope containing one swab with black discoloration.				
			Sampling:	1 Swab	<input checked="" type="checkbox"/> Repackaged as original & sealed

LAMBERT 005174



4 person mixture (see SE33)







<http://STRMIX.esr.cri.nz>

STRmix V2.3.06 - User: sciarret
 Analysis run: 03 December 2015 13:12
 Case number: 15-040442
 Sample ID: 10546590
 Comments:

SUMMARY OF INPUT DATA

Kit Used	SDPD GlobalFiler
Number of Contributors	4
Input Files	10546590(15-040442).csv
Known contributors under Hp	
Known contributors under Hd	

SUMMARY OF CONTRIBUTORS

Contributor	1	2	3	4
DNA Amounts	2872	288	1864	1544
Mixture Proportions	44%	4%	28%	24%
Degradation starting at 84.0bp	5.322 rfu/bp	0.681 rfu/bp	4.451 rfu/bp	3.993 rfu/bp

RUN INFORMATION

Total iterations	9.2087378E7	Gelman-Rubin convergence diagnostic	1.14
Inter replicate efficiency	PCR 1 - 100.00%	Allele variance	11.10
Effective sample size	3428.48	Stutter variance	18.90
Average (log) likelihood	60.24	Seed value	741361
Mx prior mean	n/a	Mx prior variance	n/a

Staff reference sample - #15 included as contributor 3 (28%)

For purposes of CODIS searches for the 44% contributor, this sample was re-run through STRmix with conditioning on staff ref sample #15 (since there is strong support (1.10×10^8) for inclusion, an assumption that #15 is present, was made).



<http://STRMIX.esr.org.nz>

STRmix V2.3.06 - User: sciarret
Analysis run: 04 December 2015 12:33
Case number: 15-040442
Sample ID: 10546590-LR-Staff Sample -15-
Comments:

SUMMARY OF INPUT DATA

Kit Used	SDPD GlobalFiler
Number of Contributors	4
Input Files	10546590(15-040442).csv
Known contributors under Hp	15.csv
Known contributors under Hd	

PER LOCUS LIKELIHOOD RATIOS

	NIST_GF_AfAm.csv Theta 0.01b(1.0,1.0)			NIST_GF_Asian.csv Theta 0.02b(1.0,1.0)			NIST_GF_Cauc.csv Theta 0.01b(1.0,1.0)			NIST_GF_Hisp.csv Theta 0.01b(1.0,1.0)		
Locus	Pr(E Hp)	Pr(E Hd)	LR	Pr(E Hp)	Pr(E Hd)	LR	Pr(E Hp)	Pr(E Hd)	LR	Pr(E Hp)	Pr(E Hd)	LR
D3S1358	3.53E-5	3.42E-5	1.03	7.75E-6	7.63E-6	1.02	2.24E-5	2.05E-5	1.09	2.18E-5	1.95E-5	1.12
vWA	9.98E-6	8.19E-6	1.22	3.81E-5	1.77E-5	2.16	3.62E-5	2.42E-5	1.49	1.31E-5	1.38E-5	9.48E-1
D16S539	6.90E-5	1.48E-5	4.65	6.81E-5	8.87E-6	7.68	2.53E-5	6.58E-6	3.85	5.39E-5	1.00E-5	5.38
CSF1PO	4.18E-5	1.59E-5	2.64	2.21E-5	1.87E-5	1.19	6.46E-5	1.56E-5	4.14	5.46E-5	1.90E-5	2.87
TPOX	1.63E-4	1.29E-4	1.26	1.10E-4	1.43E-4	7.72E-1	2.00E-4	2.01E-4	9.95E-1	1.03E-4	9.99E-5	1.04
Yindel												
D8S1179	9.34E-6	4.51E-6	2.07	1.34E-5	3.69E-6	3.63	3.79E-5	8.02E-6	4.72	2.94E-5	1.19E-5	2.48
D21S11	1.71E-5	8.69E-6	1.97	1.15E-7	2.52E-8	4.55	6.48E-6	2.87E-6	2.26	6.59E-6	2.01E-6	3.27
D18S51	9.11E-9	6.29E-10	1.45E1	5.11E-10	3.74E-10	1.37	4.84E-8	1.27E-8	3.81	7.56E-8	2.34E-8	3.22
DYS391												
D2S441	1.32E-4	6.03E-5	2.19	1.01E-4	4.49E-5	2.25	4.34E-5	2.60E-5	1.67	2.29E-5	1.78E-5	1.29
D19S433	3.94E-7	1.16E-7	3.39	1.78E-6	3.33E-7	5.33	2.55E-5	2.48E-6	1.03E1	6.74E-6	2.01E-6	3.36
TH01	2.52E-5	1.51E-5	1.66	9.78E-7	2.26E-6	4.32E-1	1.34E-5	1.09E-5	1.22	1.39E-5	1.42E-5	9.76E-1
FGA	8.21E-7	3.27E-7	2.51	7.08E-7	3.24E-7	2.18	1.09E-6	5.67E-7	1.92	1.14E-6	4.03E-7	2.82
D22S1045	3.10E-5	1.47E-5	2.11	7.97E-5	5.49E-5	1.45	5.74E-5	5.25E-5	1.09	2.98E-5	3.31E-5	9.02E-1
D5S818	5.37E-7	7.56E-8	7.09	1.03E-5	1.61E-6	6.37	1.53E-6	2.01E-7	7.60	1.46E-5	2.07E-6	7.06
D13S317	3.59E-4	6.08E-4	5.90E-1	7.65E-6	1.33E-5	5.76E-1	4.67E-5	1.08E-4	4.32E-1	1.90E-5	2.18E-5	8.72E-1
D7S820	1.65E-7	5.59E-8	2.95	5.61E-8	1.88E-8	2.98	3.68E-7	3.28E-7	1.12	1.76E-7	8.59E-8	2.05
SE33	1.41E-8	2.11E-9	6.65	1.61E-8	1.85E-9	8.71	2.37E-8	2.94E-9	8.06	3.00E-8	2.92E-9	1.03E1
D10S1248	1.05E-4	4.69E-5	2.23	1.80E-4	1.10E-4	1.64	1.58E-4	1.02E-4	1.56	1.63E-4	1.23E-4	1.32
D1S1656	1.89E-7	4.41E-8	4.29	7.10E-7	1.03E-7	6.87	7.99E-7	8.11E-8	9.86	3.83E-7	5.15E-8	7.43
D12S391	2.84E-6	2.60E-7	1.09E1	3.18E-6	1.92E-7	1.66E1	2.35E-6	1.07E-7	2.21E1	3.49E-6	3.07E-7	1.14E1
D2S1338	2.69E-7	3.97E-8	6.79	9.89E-8	1.31E-8	7.54	3.68E-8	1.18E-8	3.12	5.64E-8	1.17E-8	4.80
LR Total			4.37E9			7.70E8			1.45E9			3.31E8
99.0% 1-sided lower HPD			1.75E9			1.44E8			6.19E8			1.10E8

SAN DIEGO POLICE DEPARTMENT

CHAIN OF CUSTODY

INCIDENT #: **15090034159** ITEM #: **8** CASE #: **15040442**
 RECOVERED BY: **Mcnett, Ian - 7177** RECOVERY DATE: **09/17/2015**
 RECOVERY ADDRESS: **4100 Boston Ave (92105)**
 RECOVERY LOCATION: **from inside Arnold's vehicle**
 TRANSPORTED BY: **-** TRANSPORT DATE:

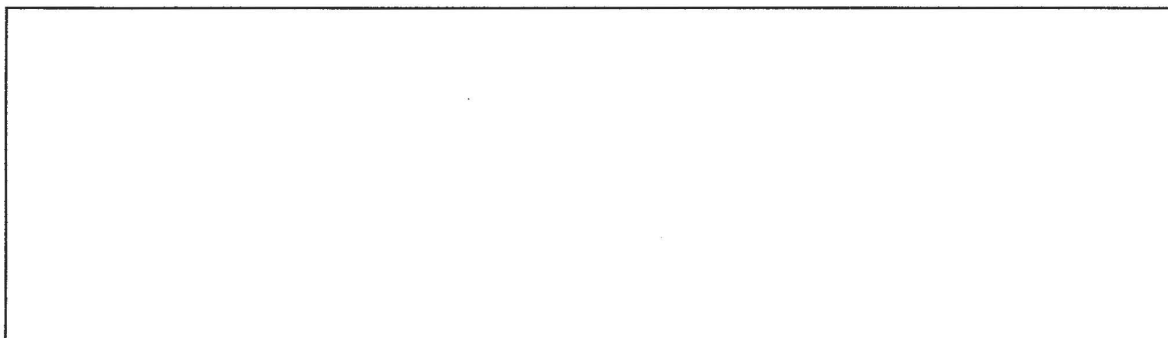


FIREARM - HANDGUN

Glock 17 (SN: SST099) unloaded BBL 4 1/2"

<i>Date/Time</i>	<i>Logged in User</i>	<i>Item moved to this Location</i>
9/18/2015 12:16:00AM	IAN MCNETT	
9/18/2015 6:42:56AM	Valle, Miguel	RECEIVED HEADQUARTERS COUNTER
9/18/2015 6:45:09AM	Valle, Miguel	HQ Processing Shelf
9/18/2015 7:44:50AM	Ramirez, Ricardo	HQ Firearm Processing Cart
9/18/2015 9:32:56AM	Alvarez, Jorge	GUNS VERIFIED
9/18/2015 10:27:03AM	Valle, Miguel	HG-101
9/21/2015 11:51:19AM	Ellsworth, Philip	AFS VERIFIED
9/22/2015 7:44:25AM	Mauzy, R. Curt	HG-101
10/7/2015 7:18:10AM	Carrick, Katrina	CHECKED OUT TO K. <i>[Signature]</i>
Analysis -		Boyd 8260
11/23/2015 8:36:45AM	Carrick, Katrina	RECEIVED HEADQUARTERS <i>[Signature]</i>
Returned to Property Room -		Boyd 8260
11/23/2015 8:42:15AM	Carrick, Katrina	HQ Processing Shelf
11/24/2015 8:17:23AM	Valle, Miguel	HG-101
11/24/2015 10:52:49AM	Robles, Alexis	CHECKED OUT TO G. <i>[Signature]</i>
Analysis -		Lachimia #8757
11/30/2015 8:56:46AM	Carrick, Katrina	RECEIVED HEADQUARTERS <i>[Signature]</i>
Returned to Property Room -		LaChimia 8757
11/30/2015 8:59:17AM	Carrick, Katrina	HQ Firearms to be binned Cart
11/30/2015 2:48:39PM	Valle, Miguel	HG-101

End Chain of Custody for Item with barcode #: **10532711** related to Case # **15040442**



**SAN DIEGO POLICE DEPARTMENT
CHAIN OF CUSTODY**

INCIDENT #: **15090034159** ITEM #: **8** CASE #: **15040442**
RECOVERED BY: **Mcnett, Ian - 7177** RECOVERY DATE: **09/17/2015**
RECOVERY ADDRESS: **4100 Boston Ave (92105)**
RECOVERY LOCATION: **from inside Arnold's vehicle**
TRANSPORTED BY: **-** TRANSPORT DATE:

NOTES:

This item was processed for prints and possible DNA evidence.

No prints developed.

Swabs were collected, see 10546590 and 10546592.

KMB #8260

10/27/15
