Date of transcription 03/20/2002    Date of transcription 03/20/2002   Date of transcription 03/20/2002	
Date of transcription 03/20/2002  approximately years of age Army Medical Institute of Infectious Diseases (USAMRIID),  Ft. Detrick, MD was advised of the identity of the Special Agent (SA) and the nature of the interview. Also present	,
approximately years of age Army Medical Institute of Infectious Diseases (USAMRIID),  Ft. Detrick, MD was advised of the identity of the Special Agent (SA) and the nature of the interview. Also present	•
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Ft. Detrick, MD was advised of the identity of the Special Agent (SA) and the nature of the interview. Also present	-,
Special Agent (SA) and the nature of the interview. Also present	
following information:	
started employment as a scientist at USAMRIID in	٦
and has remained at USAMRIID since	_
	٦
BRUCE IVINS introduced to	
IVINS began working at USAMRIID in the mid	
1980s. At the time of IVINS' arrival at USAMRIID, scientists at	
USAMRIID were attempting to perform aerosol challenge experiments	
for vaccine testing. The preparations of B. anthracis spores being used were not pure, and the impurities in the preparations clogged	ng
the aerosolizer(s). IVINS used density gradients to purify	a
chlamydia preparations when IVINS was working in North Carolina,	
and applied the technique to purification of B. anthracis spores.	
•	
The clogging problem was also alleviated by growing the B.	
anthracis in liquid broth instead of agar plates. The use of agar	r
plates contributes to debris contamination of the spore	
preparations, and liquid broth produces a very clean spore preparation. In addition, growth in liquid broth seems to vield a	
preparation. In addition, growth in liquid broth seems to yield	a
179A-1115-222936-64B-98	
279A-WF-222936-LAB-98. also in 302 file serial #733	•
Investigation on03/19/2002 at Frederick, MD	_ 
	1
File # <u>279A-WF-222936-<del>302</del> -LAB - 98</u> Date dictated 03/20/2002	
b6 Y N/	
by SA b7c	

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279A-WF-222936-302, -LAB

Continuation of FD-302 of	b6 b7C
more virulent B. anthracis spore in contrast to spore produced on agar plates.	
	b6 b7c b7D
believed that may use the density purification protocol.	
Production of a large amount of highly pure spores is relatively difficult process. There	b6 b7C
are several steps in the protocol where seemingly insignificant changes may cause the protocol to fail. These steps include harvesting the spores at an early stage in growth, protecting the cultures from light, the amount of culture aeration and potential overloading of the density gradients. The percent of the bacteria which undergo sporulation also varies between strains of B.	
anthracis.  Some strains of B.  anthracis germinate quicker than others, and the rapid strains do not produce good preparations of spores. The Ames strain is well suited for good spore production.	
	b6 b7С
Production of gram amounts of pure <i>B. anthracis</i> spores would require a large amount of laboratory area or time. For example, ten liters of liquid broth are required to produce one gram of pure	I
spores.	Ъ6 Ъ7С

279A-WF-222936-302, -LAB

It would be difficult for an inexperienced individual to produce a large amount of pure spores on a part time work schedule.  In 1997, IVINS asked that DPG produce a large amount of B. anthracis Ames strain spores through a USAMRIID contract. USAMRIID required a large amount of spores, and DPG used fermentation processes to produce the large amount of required spores. DPG produced the spores as a wet paste, and sent the paste to IVINS. IVINS resuspended the spores in 1% phenol water and either irradiated the spores or purified the spores on Renocal-76 density gradients. The resuspended spores were at a concentration of 3x10E10 colony forming units (cfu) per milliliter.  Several other individuals at USAMRIID also use	nation of FD-302 of			,On_ <u>03/19/2002</u> ,Page3	3
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	_		_		
mb and the state of the state o	<u>Several o</u>	ther individuals			
These individuals include	կ———		I Thes	se individuals include	

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## FEDERAL BUREAU OF INVESTIGATION

FORMATION CONTAIN IS UNCLASSIFIED 01-05-2009 BY 6517		Date of transcription 04/26/20	002
Diseases Maryland, (SA) and		eet, Fort Detrick, Frederic dentity of the Special Agen	t
	advised that University and Investigation (FBI) in any strain of Bacillus anthraci		
	The strain of Ba cultured	from	
	informed write	er that was going to	
	IIII OI MOA WII IO	ne chac   was going to	
microbio]			. b.
follow ap	propriate standard operatir	was that DR. IVINS did not ag procedures (SOPs) while	
	,	he may have contaminated so	оше \
J: 1 Data 1 E			N
	_	Frederick, Maryland	
File # 279A-WF-2	222936-LAB; 279A-WF-222936-3	Date dictated N/A	
by SA			b6
		e property of the FBI and is loaned to your agency;	b7

\* . \* . \*

279A-WF-222936-LAB; 279A-WF-222936-302

ution of FD-302 of	, <sub>On</sub> 04/19/2002 , <sub>Page</sub> 2
IVINS not bring the pro-active detected	areas of USAMRIID. The second possibility was that DR. ciced another individual not following SOPs and wanted to problem to light. Writer asked if DR. IVINS could be vely covering up a Ba contamination trail which may be by the current microbiological contamination survey. Eplied that didn't believe DR. IVINS could be involved riminal behavior relating to the AMERITHRAX case.
	and writer discussed polygraphing and
additions from vari	informed writer that over eight hundred (800) al samples were taken over the weekend of 20-21 April, 2002 ous areas of USAMRIID and all were negative.
	Writer at the end of the interview served ederal Grand Jury Subpoena from the United States District Columbia
	should be preserved as
front of	as stated in the subpoena. Writer filled out subpoena in who subsequently signed original document. A provided to for compliance.

-1-

## FEDERAL BUREAU OF INVESTIGATION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01

TE 01-05-2009 BY 65179 dmh /baw	Date of transcription 06/25/2002	
Frederick, Maryland, 21702, telephone the identity of the Special Agent (SA)	orter Street, Fort Detrick, was advised of	b6 b7
advised interviewing in the Amerithrax case  believes had a for profit manthrax attacks in the fall 2001 and st biological attack.	notive relating to the	b6 b7
had been previously occasions for numerous safety violation	ns by the Food & Drug s approval for a new anthrax	
	ъ6 ъ70	•
	ზ6 Ъ7C	
Investigation on06/19/2002atFort Detrick, Freshler # 279A-WF-222936-LAB; 279A-WF-222936-302*by SA	ederick, Maryland Date dictated N/A  b6 b7c	-

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279A-WF-222936-LAB; 279A-WF-222936-302

uation of FD-302 of		- -
as that	Conversely, is firmly convinced that individuals have the appropriate skills to make an anthrax powder such used in the fall attacks.	
anthrac	also knows for a fact that had a Bacillus is "Ames" strain because and BRUCE IVINS Ph.D., a fellow	
USAMRIII project	D employee, provided with the strain as part of a	b6
		b'
needed :	Other individuals thought to hold some of the skills in perpetrating a crime of this nature are possessed by ex-	
		o6 o70

# **FEDERAL BUREAU OF INVESTIGATION**

Precedence: ROU	FINE Date: 01/04/2005
To: Washington 1	Field Attn: Evidence Control Center
From: Washington Amerith Contact	nrax 2
Approved By:	b b
Drafted By:	
Case ID #: 279A-W	WF-222936-LAB (Pending) - 1099 F-222936-EVIDENCE (Pending)-111
Title: AMERITHRA Major Cas	
Synopsis: To red listed below.	quest permanent charge out of items of evidence
items were collect	nt to captioned investigation the following cted for analysis as evidence related to the in the Fall of 2001.
1B# Barcode#	Description
1B1536 E0357455	RESIDENCE OF
1B1695 E03593160	FBI LABORATORY CHEMISTRY UNIT ONE (1) 50 MICROLITER ALIQUOT PART AS TAKEN FROM ITEM FURTHER DESCRIBED AS BACILLUS ANTHRACIS AMES SPORES (GAMMA IRRADICATED, NON-VIABLE)  b6 b7c
1B1741 E03593356	
1B3345 E03801690	ZIPLOCK BAG CONTAINING 2 CONTROL ITEMS ZIPLOCK BAG CONTAINING 4 SAMPLES AND SAMPLE LOG (SAMPLING PRIOR TO OVERSEAS MISSION)
1B1871 E03595426	DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID TUBE LABELED ""BRITISH" AMES 1/100 DILUTION IN 0.1% PHEROL GEL PHOS 9/28/87" APPROXIMATELY 1ML
	ALL INFORMATION CONTAINED

file: 00402. wpd

HEREIN IS UNCLASSIFIED
DATE 01-05-2009 BY 65179 dmh /baw

To: Washington Field From: Washington Field

Re: 279A-WF-222936,01/04/2005

- 1B1872 E03595425 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "OCT 97 GLP AMES SPORES RMR 1029
  "LEFT 200ML 11/19 (CROSSED OUT)" 160ML 4/21"
  CONTAINING APPROXIMATELY 1ML
- 1B1873 E03595424 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "AMES STOCK 2/10(8) NO PHENOL 15 JULY
  99 ACTUAL 1.2 X 10(9)" APPROXIMATELY 1ML
- 1B1876 E03595412 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TWO (2) TUBES LABELED AMES 22 JUN 86 1/100
  9/21/87 IN PHENOL GEL PHOS" APPROXIMATELY 1ML
- 1B1879 E03595413 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED -11 APPROXIMATELY 1ML
- 1B1881 E03595414 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "AMES SPORES 2.2 X 10(10)/ML"
  APPROXIMATELY 1ML
- 1B1882 E03595415 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID TUBE LABELED "AMES ?" APPROXIMATELY 1ML

b7C

- 1B1885 E03595416 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID TUBE LABELED "AMES RENO NOT HEATED (2) 1% PHENOL 12/8/98" APPROXIMATELY 1ML
- 1B1885 E03595417 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "AMES 1/30/0("1" CROSSED OUT "2"
  ADDED) APPROXIMATELY 1ML
- 1B1886 E03595418 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "UNDILULATED PURIFIED SPORES 10/26/98
  UNHEATED 10/26/98 PREP & PHENOL ADDED 1X VOLUME
  WFI & 1% PHENOL 11/18/98 DILUTED 1/2" CONTAINING
  APPROXIMATELY 1ML
- 1B1887 E03595419 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

  TUBE LABELED "AMES SPORES 7/25/97 2.36 X 10

  (9)/ML" APPROXIMATELY 1ML
- 1B1888 E03595420 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "#462 SPORES 8/13/01" APPROXIMATELY
  1ML
- 1B1889 E03595421 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID
  TUBE LABELED "AMES SPORES RENOGRAFIN PURIFIED
  3/28/01 7739C" APPROXIMATELY 1ML

To: Washington Field From: Washington Field

Re: 279A-WF-222936,01/04/2005

1B1890 E03595422 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

TUBE LABELED "462 SPORES FROM AGAR 8/13/01"

APPROXIMATELY 1ML

1B1891 E03595423 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

TUBE LABELED "PURIFIED AMES SPORES 12/8/99"

APPROXIMATELY 1ML

1B1892 E03595410 DR. BRUCE E. IVINS BACTERIOLOGY DIVISION/USAMRIID

TUBE LABELED "AMES SPORES 2433 CDC 7738"

APPROXIMATELY 1ML

These items have been destroyed or necessarily consumed during the course of analysis and will not be returned to WFO. WFO requests that these items be permanently charged out from the Evidence Control inventory.

3

# FEDERAL BUREAU OF INVESTIGATION

rrom: washington rield	b6 b70
AMX-2/ NVRA Contact:	
Approved By:	
Drafted By:	
	6
Title: AMERITHRAX MAJOR CASE # 184	7C
Synopsis: To document	
b3	
on February 1, 2006.	
Details: The AMERITHRAX Task Force (AMXTF) of the Federal Bureau of Investigation (FBI) is investigating the mailing of letters containing anthrax which were sent to the New York Post, Tom Brokaw and United States Senators Tom Daschle and Patrick Leahy in the fall of 2001.	
Pursuant to this investigation the FBI has established a repository (FBIR) which contains isolates of the Ames strain of Ba from the United States and other countries around the world.	
Following the mailings, the FBI	
served with Federal Grand Jury subpoenas to	
provide the FBI with	

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

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60391. WPD

To: Counterterrorism Attn: IIC Field	Attn: WMDOU Inspection Laboratory From: Washington	<b>ხ</b> 6 ხ7
Re: 279A-WF-222936-LAB, 02/0	8/2006	
		d D
On February 1, 2006 Washington Field Office, met	s, SA FBI, with	b3
and identified		b6 b7
		٦
		.b7

To: Counterterrorism Attn: WMDOU Inspection Attn: IIC Laboratory From: Washington Field Re: 279A-WF-222936-LAB, 02/08/2006

**b**6

b7C

**b**3

To: Counterterrorism Attn: WMDOU Inspection Attn: IIC Laboratory From: Washington Field Page 2707 MH 222026 LAB 02/08/2006
Re: 279A-WF-222936-LAB, 02/08/2006
LEAD(s):
Set Lead 1: (Action)
LABORATORY
AT CHEMICAL BIOLOGICAL SCIENCES UNT
The AMXTF requests the Chemical Biological Sciences
Unit (CBSU)
at the United States Army Medical Research Institute of Infectious Diseases. The AMXTF also requests CBSU coordinate and the subsequent

b6 b7C

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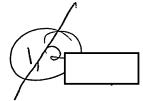
4

FD-302 (Rev. 10-6-95)

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#### FEDERAL BUREAU OF INVESTIGATION



Date of transcription 06/27/2005 On March 2, 2005, and March 3, 2005, had telephonic communication with fax SA contacted on March 2, **b**3 2005, to coordinate the **b**6 b7C On March 3, re-contacted to discuss details During the telephone conversations provided the following information: The responsible official at is **b**6 b7C fax recei/ved the Ba Ames strain in 2001 from the <u>esearch Institute of Infectious Diseases</u> U.S. Army Medical (USAMRIID) The Ba was placed in storage until after the 2001 anthrax attacks, **b**3 b6 b7C BRUCE IVINS, USAMRIID, was the scientist responsible for the shipment from USAMRIID b3 **b**6 b7C 3/2-3/3/05 Falls Church, VA Investigation on File # 279A-WF-222936-Lab -Date dictated N/A **b**6 ALL INFORMATION CONTAINED SA b7C HEREIN IS UNCLASSIFIED 05 .713.wpd DATE 01-05-2009 BY 65179 dmh /baw This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency; it and its contents are not to be distributed outside your agency.

w ..... FD-302a (Rev. 10-6-95) b6 279A-WF-222936-Lab b7C 06/27/05, Page \_\_\_ Continuation of FD-302 of , On b3 b6 b7C shipped received the shipment and placed the samples into storage at instruction.) until further

(Rev. 01-31-2003)

# **FEDERAL BUREAU OF INVESTIGATION**

Precedence: ROUTINE Date: 05/12/2005
To: Washington Field Attn: AMX-2
From: Washington Field  AMX-2  Contact: SSA
Approved By:
Drafted By:
Case ID #: 279A-WF-222936 SUB LAB (Pending) - 227
Title: AMERITHRAX; MC 184; OO:WF
Synopsis: Identification of a potential forensic signature in several isolates of <i>Bacillus anthracis</i> Ames strain at USAMRIID, Ft. Detrick, MD. Historical documentation for the basis to develop genetic screening method(s) for a genetic signature in the Ames <i>Bacillus anthracis</i> (anthracis) mailed in the fall, 2001, specifically, a DNA plasmid of origin(s).
Details: On May 30, 2002, writer discussed the origins and experimental use of several isolates of the Ames strain of  Bacillus anthracis (BA) with United States Army Medical Institute of Infectious Diseases (USAMRIID), Ft. Detrick, Frederick, MD.
originally received the BA Ames strain that is used b7c in laboratory from laboratory from Dr. Bruce/Ivins.
research involved experimenting with the Ames strain and conducting experiments
experiments were begun about one and one half vears ago and were based on b70
The plasmid being used in the gene disruption experiments was designated pE03, and pE03 had the same basic vector DNA genome as some of the commonly used plasmid vectors.
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 01-05-2009 BY 65179 dmh /baw

To: Washington Field From: Washington Field

Re: 279A-WF-222396 SUB LAB, 05/12/2005

that if the BA used in the mailings of Fall 2001 contained all or part of the pE03 plasmid, an assay based on polymerase chain reaction (PCR) could be developed to screen the mailings' BA spore evidence.

The pE03 plasmid was obtained from \_\_\_\_\_ and the plasmid provided its host bacteria with resistance to the antibiotic erythromycin. Thus, following integration of pE03 into the host bacteria, in this case the Ames strain of anthracis, the host bacteria are cultured in the presence of erythromycin. Ames that has successfully integrated pE03 will be resistant to the antibiotic; Ames that has not integrated pE03 into its genome will not grow in the presence of the erythromycin. pE03 also contains an ampicillin resistance gene, an *E. coli* origin of replication, a *Bacillus sp.* origin of replication and several cloning sites.

Many of the Ames strain mutants, termed "knock out" mutants, were made by	
	b6 ხ7C ხ7D
	.b6 .b7C
another researcher in laboratory, also used the pE03 plasmid to make mutants of the Ames strain of anthracis.	b6 b7C
During early June, 2002, writer received a computer printout of the pE03 DNA sequence from The printout was labeled, "Friday, May 31, 2002 10:39 AM" and "pE03.seq". The DNA sequence consisted of 5300 nucleotide bases. The sequence of pE03 was provided to	b6 b7С

U.S. Department of Justice



Federal Bureau of Investigation

In Reply, Please Refer to
File No. 279A-WF-222936-LAB -1438
279A-WF-222936-SCI24

Washington Field Office Northern Virginia Resident Agency 7799 Leesburg Pike Falls Church, Virginia

b6

b7C

August 17, 2006

Attention: Robert J. Muehlberger

Laboratory Director

U.S. Postal Inspection Service (USPIS)

National Forensic Laboratory

Dulles, Virginia

RE: To request USPIS National Forensic Laboratory conduct handwriting examination of photographs of biological sample tube labels obtained from the United States Army Medical Research Institute of Infectious Diseases (USAMRIID).

Dear Mr. Muehlberger:

Per your recent conversation with SA	
one (1) cd-rom and 14 prints of the digital images	
(1A 7012-copies only) are being submitted for handwriting	
comparison and analysis.	

In February, 2002 and in April, 2002, two (2) biological samples of Bacillus anthracis were submitted for genetic analysis as part of the ongoing AMERITHRAX investigation, one was submitted to an outside laboratory and the other to the FBI Repository. Upon submission, labels from the tubes were removed by laboratory personnel and placed into a laboratory notebook for record, held inside a Biological Safety Level 3 suite. Due to the significance of the samples from the tubes, it is imperative to the investigation to determine if the same individual wrote the labels and submitted the samples.

Digital photographs of the biological tube labels from the notebook were taken (in order to present the handwriting for forensic analysis) and are being submitted to the USPIS National Forensic Laboratory for handwriting examination. Of specific interest, is a comparison of three (3) labels: one (1) with the writing "Ames Strain RMR 1029

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw from Dugway (1997) Bruce Ivins 2/27/02" and two (2) with the writing "Dugway Ames Spores - 1997".

No known handwriting exemplars are being submitted at this time. It is requested that the three (3) labels be intercompared and assessed to determine whether or not the same individual prepared the three (3) labels.

For clarification of this request or any additional information, please contact SA

Thank you in advance for your time and assistance in this matter.

Sincerely,

Inspector In Charge

Supervisory Special Agent

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## FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE Date: 10/13/2006

To: Washington Field Attn: AMERITHRAX

From: Washington Field

AMX-2/NVRA Contact: SA

Approved By:

Drafted By:

Case ID #: 279A-WF-222936-LAB (Pending) - 1449

Title: AMERITHRAX;

MAJOR CASE 184;

00:WF

Synopsis: To submit to the file laboratory report provided by the United States Postal Inspection Service (USPIS) Forensic Laboratory.

Reference: 279A-WF-222936-LAB Serial 1438 279A-WF-222936-SCI24 Serial 5

Enclosure(s): One (1) original two (2) page USPIS Forensic Laboratory Report, Case No. 0884-1348038-DMI(1) - Lab No. 9-119-00594(6), dated 09/28/2006.

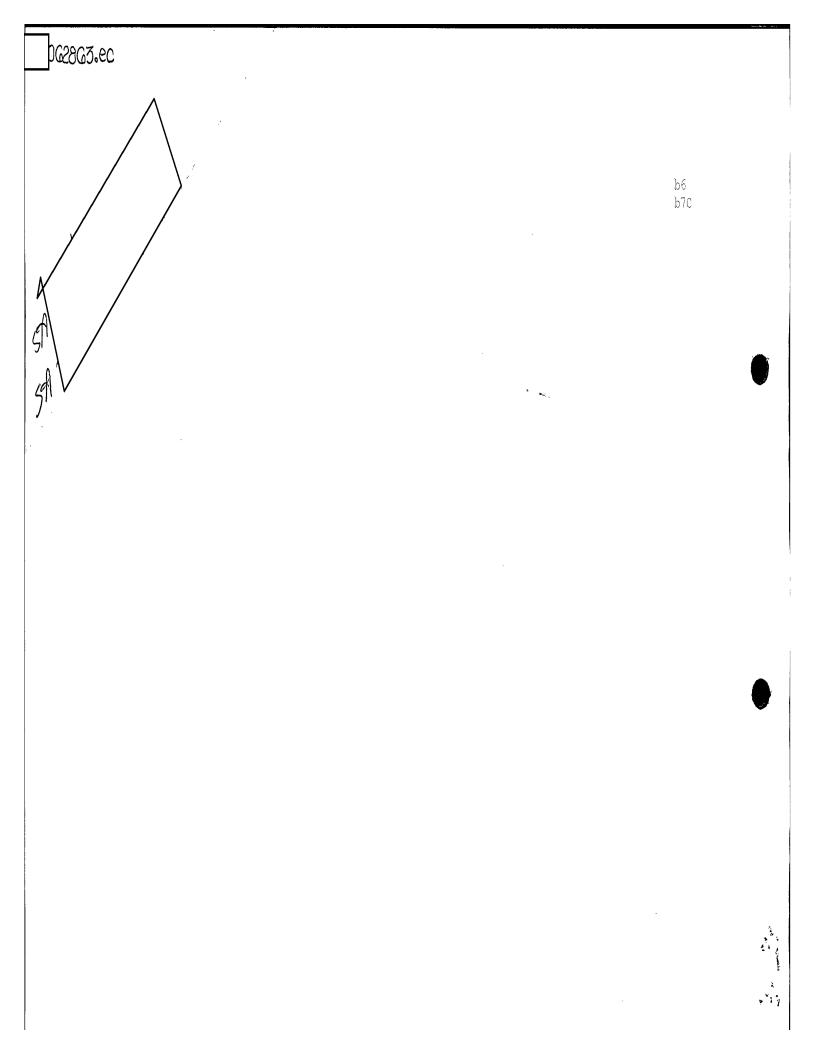
Details: In August 2006, the FBI requested the United States Postal Inspection Service (USPIS) Forensic Laboratory conduct handwriting examinations of photographs of biological sample tube labels from a notebook from inside a Biological Safety 3 suite at the United States Army Medical Research Institute of Infectious Diseases (USAMRIID). Of specific interest for analysis was a comparison of three (3) labels: one (1) with the writing "Ames Strain RMR 1029 from Dugway (1997) Bruce Ivins 2/27/02" and two (2) with the writing "Dugway Ames Spores - 1997" to determine if the same writer prepared all three (3) of the labels.

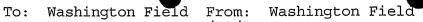
USPIS was provided one (1) cd-rom and 14 prints of digital images of the labels. The cd-rom and prints analyzed by USPIS were returned via U.S. Postal Service Registered Mail, tracking number RB 595 638 165 US, and have been placed in the case file, 1A 7059 for reference along with a copy of the issued report. In addition, the original laboratory report prepared by

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Re: 279A-WF-222936, 10/13/2006

Robert J. Muehlberger, Laboratory Director, Forensic Document Examiner has been enclosed with this EC.

In the report, the USPIS Laboratory concluded that the same writer produced the hand printed labels described above.

**\***\*



#### FORENSIC LABORATORY EXAMINATION REPORT

United States Postal Inspection Service Forensic Laboratory Services 22433 Randolph Drive Dulles VA, 20104-1000

September 28, 2006

Case No. 0884-1348038-DMI(1) - Lab No. 9-119-00594(6) Handwriting Examination Request Dated August 17, 2006

Postal Inspector P.O. Box 3200 Merrifield, VA 22116-3200

**EXAMINATIONS** 

REQUESTED:

Determine whether the hand printed entries depicted in the digital images of labels affixed to SPSTL Sample Set Inventory Form, specifically one that reads "Ames strain RMR 1029 from Dugway Bruce Ivans (1997) 2/27/02", and two that read "Dugway Ames spores – 1997" were written by a common writer.

FINDINGS:

The same writer produced the hand printed entries as described above. In order to identify the writer, known exemplars that repeat the letters and letter combinations found in the questioned writings should be submitted for comparison.

**REMARKS:** 

This examination was conducted at the request of Special Agent under File No. 279A-WF-222936-

LAB and 279A-WF-222936-SCI34.

ALL FBI INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

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**EXHIBITS:** 

The exhibits, consisting of a CD and 14 prints of the digital images appearing on the CD, were personally received from SA on August 18, 2006. These exhibits are returned by Registered Mail with a copy of this report.

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Robert J. Mylehlberger Laboratory Director

Forensic Document Examiner

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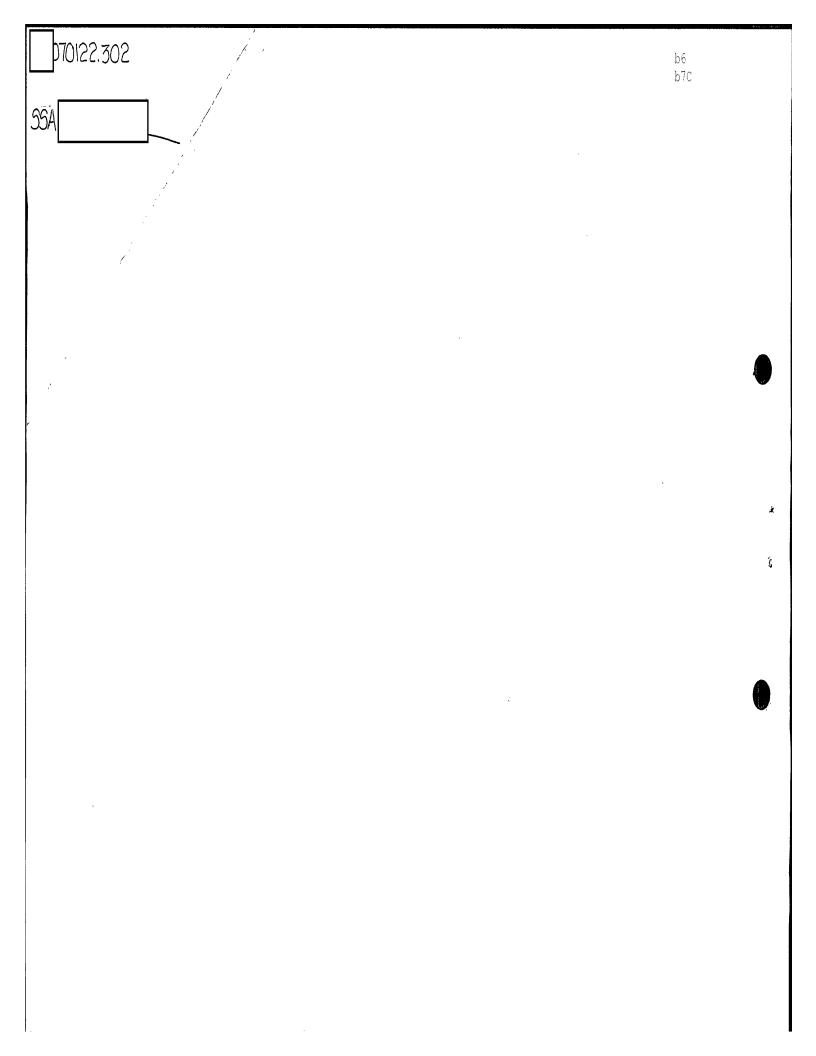
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# FEDERAL BUREAU OF INVESTIGATION

Date of transcription 01/12/2007
On 01/11/2007, SA transported several items from the FBI Northern Virginia Resident Agency (NVRA) to the U.S. Postal Inspection Service National Forensic Laboratory, Dulles, VA, for handwriting analysis.
SA released the items to Robert J.  Muehlberger, Director of the USPIS Laboratory. The items are further described as:
- Forty nine (49) photocopied pages of known handwriting of Bruce Ivins
- 1A-7059: Copies of 1A-7012 (cd-rom and fourteen (14) photograph print-outs) of FBI Repository Sample entries at USAMRIID, Bldg 1412 submitted to the U.S. Postal Inspection Service Forensic Laboratory Robert Muehlberger for handwriting comparison
- One (1) cd-rom containing five (5) images of two (2) <u>USPS parcels - one (1) of the parcels is addressed to and the other to</u>
- Five (5) prints of digital images from cd-rom
The items were submitted for examination under cover of letter of request 279A-WF-222936-SCI24 Serial 8. Muehlberger signed an FD-597 (Receipt for Property) acknowledging acceptance of the evidence and was provided a copy by SA The original FD-597 has been submitted to the 1A section of the case file - 1A 7157.
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw
Investigation on 01/11/2007 at Dulles, VA
File # 279A-WF-222936-LAB;
by SA

This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency;

it and its contents are not to be distributed outside your agency.



## FEDERAL BUREAU OF INVESTIGATION

Preceder	nce: .	ROUTINE			Date:	03/19/2007
To: Was	shingt	on Field		Attn:	AMERITHRAX	
From: V	XMA	gton Fiel				
	Con	tact: SA	Y			
Approved	d By:					
Drafted	By:					,
Case ID		9A-WF-222 9A-WF-222	2936-LAB 2936-SCI24	(Pendin	g) -1498 ng) -11	
Title:		THRAX; CASE 184	ł ;			

Synopsis: To submit to the file laboratory report provided by the United States Postal Inspection Service (USPIS) Forensic Laboratory.

Reference: 279A-WF-222936-LAB Serial 1476 279A-WF-222936-LAB Serial 1490

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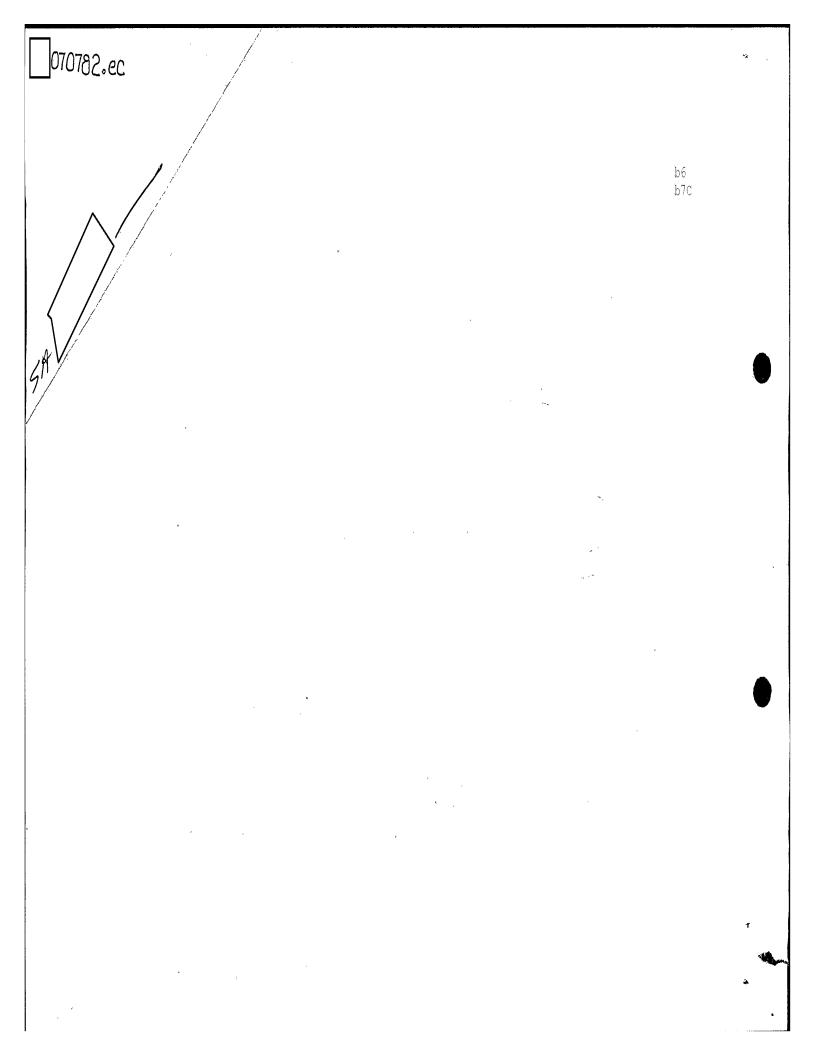
Enclosure(s): One (1) original two (2) page USPIS Forensic Laboratory Report, Case No. 1197-1618347-LAB(2) - Lab File No. 9-957-002016(1), dated 03/08/2007.

Details: In January 2007, the FBI requested the United States Postal Inspection Service (USPIS) Forensic Laboratory conduct handwriting comparisons of Bruce Ivins' known handwriting exemplars to photographs of three (3) biological sample tube labels from a notebook inside a Biological Safety 3 suite at the United States Army Medical Research Institute of Infectious Diseases (USAMRIID): one (1) with the writing "Ames Strain RMR 1029 from Dugway (1997) Bruce Ivins 2/27/02" and the other two (2) with the writing "Dugway Ames Spores - 1997". It was also requested that the known handwriting exemplars be compared to photographs of two (2) United States Postal Service parcels, one (1) addressed to and the second addressed to and to the original anthrax attack letters/envelopes.

USPIS was provided forty nine (49) photocopied pages of known handwriting of Bruce Ivins; 1A-7059 - Copies of 1A-7012 (cd-rom and fourteen (14) photograph print-outs) of FBI

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.To: Washington Field From: Washington Field

Re: 279A-WF-222936-LAB, 03/19/2007

Repository Sample entries at USAMRIID, Bldg 1412; and one (1) cdrom and five (5) prints of two (2) USPS parcels. Upon completion of the examination by USPIS, the aforementioned items were returned via U.S. Postal Service Registered Mail, tracking number RB 595 640 654 US, and have been placed in the case file, 1A-7059 and 1A-7204. In addition, the original laboratory report prepared by Robert J. Muehlberger, Laboratory Director, Forensic Document Examiner, has ben enclosed with this EC.



#### Forensic Laboratory Examination Report

United States Postal Inspection Service Forensic Laboratory Services 22433 Randolph Dr Dulles, VA 20104-1000

March 08, 2007

Case No. 1197-1618347-LAB(2) - Lab File No. 9-957-002016 (1) Type of Examination: Questioned Documents

Request Date(s) 01/11/2007

SA FBI Washington Field Office 7799 Leesburg Pike Falls Church, VA 22043

ALL FBI INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

#### PROBLEM:

Determine whether or not the questioned entries appearing in the printed digital images (also contained on CD) of three labels; one depicting the writing "Ames strain RMR 1029 from Dugway Bruce Ivins (1997) 2/27/02" and two depicting the writing "Dugway Ames spores - 1997" were written by Bruce E. Ivins, whose known writings are depicted in the photocopies of various course of business documents.

Determine whethe	r or not the questioned entries appearing in the printed dig	ital images
(also contained on	CD) of two parcels; one addressed	and the
second addressed	were written by Bruce E.	l Ivins, whose
known writings ar	e depicted in the photocopies of various course of busines	s documents.

Determine whether or not the questioned entries appearing on the "anthrax" envelopes and letters (photographic copies retained in the laboratory) were written by Bruce E. Ivins, whose known writings are depicted in the photocopies of various course of business documents.

#### FINDINGS:

Bruce E. Ivins probably wrote the original of the questioned entries appearing in the printed digital images of the three labels described above.

Bruce E. Ivins probably wrote the original of the questioned address entries appearing in the printed digital images of the two parcels.

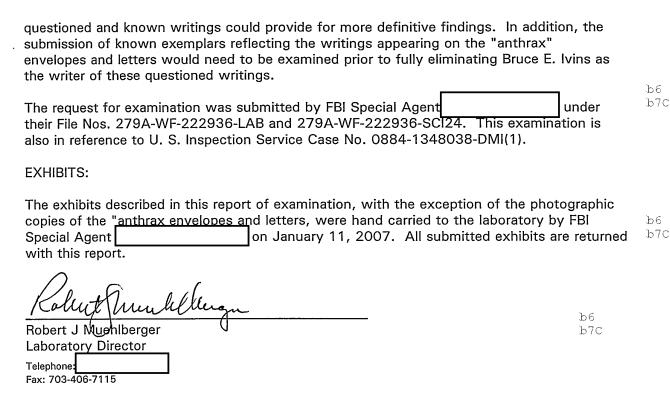
Bruce E. Ivins probably did not write the writings appearing on the "anthrax" envelopes and letters.

#### **REMARKS:**

The qualified findings expressed above are due to the lack of original documents from which the examination and comparisons were conducted. The submission of the original

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This is an official FLS examination report only if it contains an original signature of the forensic analyst.

## FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE Date: 03,	/25/2008
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To: Washington Field Attn: Evidence Control Center

From: Washington Field

Amerithrax-2
Contact: SA

Approved By: Drafted By:

Case ID #: 279A-WF-222936-LAB (Pending) - 155 3 279A-WF-222936-EVIDENCE (Pending) - 74/

279A-WF-222936-EVIDENCE (Pending)- 240

Title: AMERITHRAX

Major Case 184

Synopsis: To request permanent charge out of items of evidence listed below.

**Details:** Pursuant to captioned investigation the following items were collected for analysis as evidence related to the anthrax attacks in the Fall of 2001.

## 1B# Barcode# Description

1B1360 E02152610 USAMRIID"

"ONE GLASS VACCINE VIAL LABELED "ORG:

BACILLUS

ANTHRACIS" STRAIN AMES CONC: 3.26 X 10 8

CFY/ML

LOT #30 JUL 97 BASP GAMMA IRRADIATED"

1B1408 E02152750 "DR. BRUCE E. IVINS (USAMRID) SCIENTIST /

BACTERIOLOGY DIVISION"

"ONE CARDBOARD SHIPPING CONTAINER FROM

AND 1 AGAR SLANT WITH

BACILLUS ANTHRACIS AMES"

The two (2) items listed above contain *Bacillus* anthracis Ames organisms, and will not be returned to WFO. WFO requests that these items be permanently charged out from the Evidence Control inventory.

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DATE 01-05-2009 BY 65179 dmh /baw

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To: Washington Field From: Washington Field

Re: 279A-WF-222936,03/25/2008

LB#	Barcode#	<u>Description</u>	
LB4365	E02182565	USAMRIID,  BUILDING  "THREE (3) TUBES 1) FALCON TUBE WITH UNKNOWN  SUBSTANCE 2) FALCON TUBE WITH UNKNOWN  SUBSTANCE, CLUMPS, YELLOWISH IN COLOR 3)  FALCON TUBE CONTAINING FIVE (5) SMALLER  TUBES OF UNKNOWN SUBSTANCES"	
1B4360	E02182560	USAMRIID, BUILDING USAMRIID, "SIXTY-NINE (69) MICROBIAL SAMPLES (FOR REFERENCE, SEE ATTAHED SPREADSHEET)"	

At 10:00am on 11/02/2007, the two (2) items listed above were released to the custody and control of the National Bioforensic Analysis Center (NBFAC) under contract by the FBI Laboratory Division, Chemical Biological Sciences Unit. It is requested that these items also be removed from the Evidence Control inventory.

<u>1B#</u>	Barcode#	Description
1B4173	E03828308	"ONE (1) BIOREACTOR VESSEL"

The above listed item is also under the custody and control of the NBFAC and is requested for removal from the Evidence Control inventory.

b6 b7C To: Washington Field From: Washington Field

Re: 279A-WF-222936,03/25/2008

Set Lead 1: (Action)

## WASHINGTON FIELD

#### AT EVIDENCE CONTROL CENTER

Request the five (5) items listed in the body of the message above, be removed from the Evidence Control inventory.

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2501 Investigation Parkway Quantico, Virginia 22135

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#### REPORT OF EXAMINATION

To: Washington Field Office SA AMX-2/NVRA	Date: April 7, 2008  Case ID No.: 279A-WF-222936-LAB - 155リ  Lab No.: 060816013		
Reference: Communication dated August 14, 2006			
Your No.:			
Title: AMERITHRAX; MAJOR CASE 184			
Date specimens received: August 16, 2006			
The items listed below were examined in the Latent Print Operations Unit:			
Items from (USAMRIID):			
Q2071 Glass tube "R" (1B3415, Item #324, E03801606)			
Q2072 Glass tube "PrepIII (1B3416, Item #325	, E03801607)		
Q2073 Glass tube "1851" (1B3417, Item #326,	E03801608)		
Q2074 Glass tube "1S1" (1B3418, Item #32	27, E03801609)		
Q2075 Glass tube "S102" (1B3419, Item #329,	E03801610)		

Page 1 of 7

1 - 279A-WF-222936-SCI24

Q2076

Q2077

For Official Use Only

Glass tube "18A1 try2" (1B3420, Item #330, E03801611)

Glass tube "18A1..." (1B3421, Item #331, E03801612)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

Q2078	Glass tube "Spores" (1B3422, Item #332, E03801613)
Q2079	Glass tube "A102" (1B3423, Item #333, E03801614)
Q2080	Glass tube "S102 try2" (1B3424, Item #334, E03801615)
Q2081	Glass bottle "100ml" (1B3425, Item #335, E03801616)
Q2082	Plastic tube "4" (1B3426, Item #337, E03801617)
Q2083	Plastic tube "1 orig." (1B3427, Item #338, E03801618)
Q2084	Plastic tube "6" (1B3428, Item #339, E03801619)
Q2085	Plastic tube "OML" (1B3429, Item #340, E03801620)
Q2086	Plastic tube "1" (1B3430, Item #341, E03801621)
Q2087	Plastic tube "2 orig." (1B3431, Item #342, E03801622)
Q2088	Plastic tube "RMX 2" (1B3432, Item #343, E03801623)
Q2089	Plastic tube "4 orig." (1B3433, Item #344, E03801624)
Q2090	Plastic tube "Sediment" (1B3434, Item #345, E03801625)
Q2091	Plastic tube "6 orig." (1B3435, Item #346, E03801626)
Q2092	Glass tube "AMES" (1B3469, Item #388, E03801659)
Q2093	Glass tube "ANR PN02" (1B3470, Item #389, E03801660)
Q2094	Glass tube "14S1 re-run" (1B3472, Item #391, E03801662)
Q2095	Plastic tube "Mouse Sera" (1B3473, Item #392, E03801663)
Q2096	Glass bottle "Stern pJPB2" (1B3474, Item #393, E03801664)
Q2097	Plastic tube "D94-04B2" (1B3476, Item #395, E03801666)
Page 2 of 7	
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Q2098	Glass tube "Immune Monkey Serum" (1B3477, Item #396, E03801667)
Q2099	Plastic tube "Sterile Normal Rabbit" (1B3478, Item #397, E03801668)
Q2100	Plastic tube "NaAc" (1B3479, Item #398, E03801669)
Q2101	Plastic tube "Sterne Spores" (1B3480, Item #399, E03801670)
Q2102	Glass tube "18S1" (1B3481, Item #400, E03801671)
Q2103	Glass tube "Stern pJB1" (1B3482, Item #401, E03801672)
Q2104	Glass tube "ANR" (1B3483, Item #402, E03801673)
Q2105	Plastic tube "ANR pJPB1" (1B3484, Item #403, E03801674)
Q2106	Glass tube "Sterne pJB2" (1B3485, Item #404, E03801675)
Q2107	Glass tube "pPA102" (1B3486, Item #405, E03801676)
` Q2108	Glass tube "ANR pPA102" (1B3487, Item #406, E03801677)
Q2109	Plastic tube "Ames Stock" (1B1873, Sample 22, E03595403)
Q2110	Plastic tube "Ames Spores" (1B1881, Sample 11, E03595395)
Q2111	Flask (1B1872, Item #1029, E03595404)
Q2112	Beaker (1B3471, Item #390, E03801661)
Q2113	Test tube rack (1B3468, Item #387, E03801658)
Q2114	Test tube rack (1B3475, Item #394, E03801665)
Q2115	Aluminum foil with tape (1B3492, Item #411, E03801682)
Q2116	Cardboard box "Nalgene" (1B3489, Item #408, E03801679)
Q2117	Cardboard box "VWR Scientific" (1B3490, Item #409, E03801680)
Page 3 of 7	·
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Q2118	Cardboard box(1B3467, Item #386, E03801657)
Q2119	Cardboard box "Sigma" (1B3491, Item #410, E03801681)
Q2120	Cardboard box "Mikesell BA" (1B3494, Item #413, E03801684)
Q2121	Cardboard box (1B3495, Item #414, E03801685)
This repo	ort is being issued by the Latent Print Operations Unit.
Results	of Examinations:
value are	One latent fingerprint of value was developed on Q2111, a Flask. No latent prints of e present or were developed on the remaining specimens.
	The latent fingerprint is not a fingerprint of the following individuals:
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
	BRUCE EDWARDS IVINS, April 22, 1946;
of 7	BRUCE EDWARDS IVINS, April 22, 1946;

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5 of 7		
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effected. The	Automated latent fingerprint searches were conducted, but no identification was a latent fingerprint was added to the Unsolved Latent File (ULF) and you will be supplemental report if an identification is made.	
Remarks:		
N	To fingerprints were located in our files for following individuals:	
	The results of the latent print examinations conducted in Case ID number 279A-WF-24 will be furnished separately.	
222936-SCI		
222936-SCI	24 will be furnished separately.  For questions about the content of this report, please contact Fingerprint Specialist	
222936-SCI	24 will be furnished separately.	
222936-SCI	24 will be furnished separately.  For questions about the content of this report, please contact Fingerprint Specialist	
222936-SCI <u>F</u>	24 will be furnished separately.  For questions about the content of this report, please contact Fingerprint Specialist  For questions about the status of your submission, please contact the Request	
222936-SCI <u>F</u>	24 will be furnished separately.  For questions about the content of this report, please contact Fingerprint Specialist  For questions about the status of your submission, please contact the Request	
222936-SCI <u>F</u>	24 will be furnished separately.  For questions about the content of this report, please contact Fingerprint Specialist  For questions about the status of your submission, please contact the Request	

The specimens, along with a photograph of the reported latent print, are being returned under separate cover. Latent Print Operations Unit This report contains the opinions/interpretations of the examiner(s) who issued the report. Page 7 of 7 b6 060816013 b7C For Official Use Only

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## U.S. Department of Justice

### Federal Bureau of Investigation

In Reply, Please Refer to
File No. 279A-WF-222936-LAB-1476
279A-WF-222936-SCI24-8

Washington Field Office Northern Virginia Resident Agency 7799 Leesburg Pike Falls Church, Virginia

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January 11, 2007

Attention: Robert J. Muehlberger

Laboratory Director

U.S. Postal Inspection Service (USPIS)

National Forensic Laboratory

Dulles, Virginia

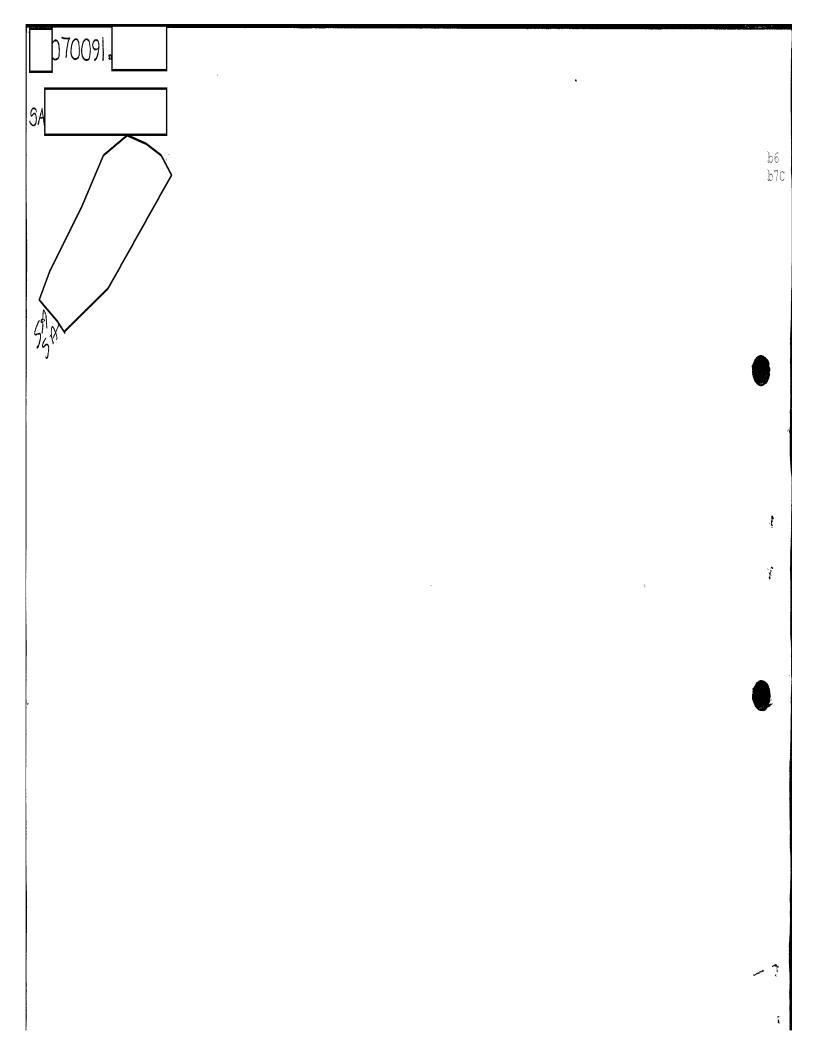
RE: To request USPIS National Forensic Laboratory conduct handwriting analysis and comparison of known handwriting exemplars of Bruce Ivins with photographs of biological sample tube labels, two (2) U.S. Postal Service (USPS) parcels, and the four recovered 2001 anthrax attack letters and envelopes

Reference: USPIS Forensic Laboratory Report, Case No. 0884-1348038-DMI(1) Lab No. 9-119-00594(6), dated 09/28/2006.

Dear Mr. Muehlberger:

Based on the previous issued report referenced above, it was determined that the same writer produced the hand printed entries depicted in the digital images of three (3) labels: one (1) with the writing "Ames Strain RMR 1029 from Dugway (1997) Bruce Ivins 2/27/02" and two (2) with the writing "Dugway Ames Spores - 1997". At the time of submission, no known handwriting exemplars were provided for comparison. Included under cover of this letter are known handwriting exemplars of Bruce Ivins. It is requested that these known writings be used for comparison to the labels described above. The exhibits, consisting of one (1) cdrom and 14 prints of the digital images appearing on the cd-rom are being re-submitted for this analysis (279A-WF-222936-1A 7059).

In addition, it is also requested that the known exemplars of Bruce Ivins be utilized for comparison to the color photographs (digital cd-rom of images also provided) of two (2)



USPS parcels. Five (5) color photographs and a cd-rom containing the images in digital format are being provided for examination.

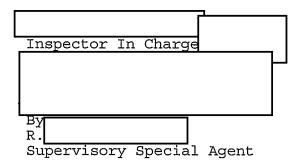
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Lastly, although known samples of Bruce Ivins handwriting have been provided for various comparisons in the past, it is requested that these additional pages of known handwriting samples be utilized and compared to the writings on the original four (4) anthrax attack letters/envelopes.

For clarification of this request or any additional information, please contact SA

Thank you in advance for your time and assistance in this matter.

Sincerely,



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(Rev. 06-04-2007)

# FEDERAL BUREAU OF INVESTIGATION

Precedence:	ROUTINE		Date:	03/11/2008
To: Laborato	ry	Attn:	UC	CRRU CBSU
Washingt	on Field		IIC	
Squ	gton Field ad AMX 2/N <del>VDA</del> tact: SA			·
Approved By:		]		
Drafted By:				
Case ID #: 27	9A-WF-222936-LAB	(Pendin	g)-/547	

Title: AMERITHRAX

MAJOR CASE 184

**Synopsis:** Request CRRU to conduct appropriate forensic examinations of submitted documents.

Reference: 279A-WF-222936-LAB Serial 1536

Enclosure(s): One (1) copy of a Cipher, with explanation for use; one (1) copy each of four the four letters and envelopes used in the 2001 anthrax mailings.

**Details:** Captioned matter is predicated on the anthrax mailings of 2001 to the *New York Post*, Tom Brokaw of NBC News, and U.S. Senators Tom Daschle and Patrick Leahy.

Investigation has determined that a subject of the ongoing AMERITHRAX investigation, BRUCE IVINS, was at one time in possession of a Cipher used by Kappa Kappa Gamma (KKG) to code its ritual information. KKG is a national secret sorority for collegiate women. IVINS has a self-described obsession with the organization, which has been confirmed through investigation and has lead IVINS to steal ritual information, vandalize KKG houses, and post derogatory information about the organization online. Although IVINS claims to have discarded the Cipher, he is very familiar with the document and can accurately describe the code and its application.

Additionally, recent information developed in the investigation indicates that IVINS has a significant interest in

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw b6 b70 To: Laboratory From: Washington Field

Re: 279A-WF-222936-LAB, 03/11/2008

codes. This is highlighted by the fact that he holds the book by Douglas R. Hofstadter, Godel, Escher, Bach: an Eternal Golden Braid (GEB), in high regard and has given 'his favorite' book to friends. In part GEB discusses to what extent DNA holds the universal code for life and how the DNA bases [adenine (A), guanine (G), cytosine (C), and thymine (T)] are decoded, via base triplets (codons), into proteins and cellular constituents. Along with GEB an article about the linguistics within DNA was recovered. This article focused on identifying sequences, or patterns of sequences, within DNA which could be used to identify or predict which regions within the DNA contain genes. IVINS also has communicated with Janna Levin author of the novel A Madman Dreams of Turning Machines, about mathematician Kurt Godel and cryptographer Alan Turning.

In support of the AMERITHRAX investigation, Laboratory Division, Cryptanalysis and Racketeering Records Unit (CRRU) is requested to conduct all logical analysis of the Cipher and its possible application to the letters and envelopes used in the 2001 mailings. In addition to application of the Cipher to the mailings, CRRU is also requested to consider and advise the AMERITHRAX Task Force of other possible applications of the Cipher to this crime, in light of IVINS's obsession with KKG and interest in codes. Copies of the Cipher are enclosed for use along with copies of the four letters and envelopes. At the request of KKG and with the concurrence of the AMERITHRAX Task Force, all references to KKG have been redacted from the Cipher but do not affect its application.

To: Laboratory From: Washington Field

Re: 279A-WF-222936-LAB, 03/11/2008

LEAD(s):

Set Lead 1: (Action)

LABORATORY

AT CRRU, QUANTICO, VA

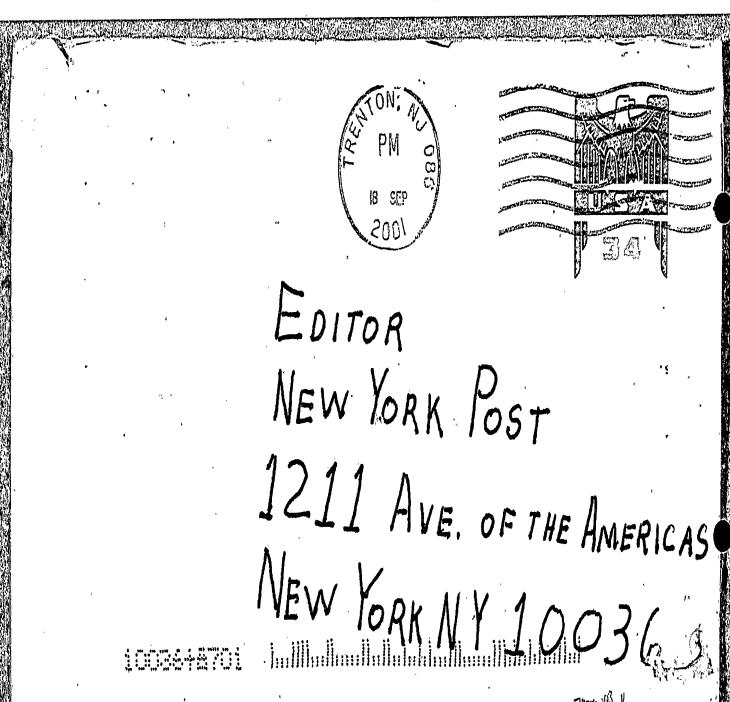
CRRU is requested to conduct all logical analysis of the Cipher and its possible application to the letters and envelopes used in the 2001 anthrax mailings. In addition to application of the Cipher to the mailings, CRRU is also requested to consider other possible applications of the Cipher to this crime, in light of IVINS's obsession with KKG.

Set Lead 2: (Info)

**LABORATORY** 

AT CBSU, QUANTICO, VA

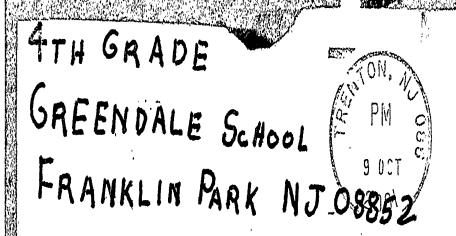
Read and clear.

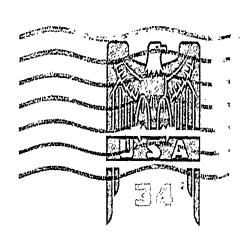


Down B. K



# TOM BROKAW NBC TV 30 ROCKEFELLER PLAZA NEW YORK NY 10112

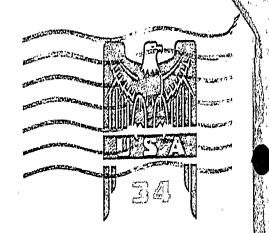




SENATOR DASCHLE 509 HART SENATE OFFICE BUILDING WASHINGTON D.C. 2054

4TH GRADE

GREBNDALE SCHOOL PM CONTROL PM CO



SENATOR LEAHY
433 RUSSELL SENATE OFFICE
BUILDING
WASHINGTON D.C. 20510-4502

20520+4502 labillaahhaldhagaldddaabillaal



09-11-01 THIS IS NEXT TAKE PENACILIN NOW DEATH TO AMERICA DEATH TO ISPAEL ALLAH IS GREAT

# 09-11-01

THIS IS NEXT

TAKE PENACILIN NOW

DEATH TO AMERICA

DEATH TO ISPAEL

ALLAH IS GREAT

09-11-01

You can not stop us.

WE HAVE THIS ANTHRAX.

You DIE NOW.

ARE YOU AFRAID?

DEATH TO AMERICA.

DEATH TO ISRAEL.

ALLAH IS GREAT.

09-11-01

YOU CAN NOT STOP US.

WE HAVE THIS ANTHRAX.

YOU DIE NOW.

ARE YOU AFRAID?

DEATH TO AMERICA.

DEATH TO ISRAEL.

ALLAH IS GREAT.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-05-2009 BY 65179 dmh /baw

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