From:	Hecker, Elizabeth (OLP)
Sent:	Tuesday, September 09, 2014 10:17 AM
То:	Krulic, Alexander (OLP); Pazur, Shannon (OLP)
Subject:	Predictive Policing - revised outline
Attachments:	Predictive Policing Outline.docx

Alex, Shannon

Attached is a revised version of our outline reflecting comments from yesterday's meeting.

Shannon thank you for supplying the bullet point on the AG's comments.

Alex	(b) (5)	

Finally, I added an introductory bullet point under the Concerns section. Please let me know what you think.

Beth

(b) (5)

#### **Elizabeth Parr Hecker**

From:	Hecker, Elizabeth (OLP)
Sent:	Tuesday, September 09, 2014 5:39 PM
То:	Krulic, Alexander (OLP)
Subject:	Predictive Policing - Revised Outline
Attachments:	Predictive Policing Outline v.2.docx

Alex did you want to look this over before I circulate to the rest of the group?

Beth

Team

Attached is a revised outline for #2. Substantive changes from the version circulated this morning include:

1.	(b) (5)	
2.	(b) (5)	
3.	(b) (5)	I
4.	(b) (5)	
5.	(b) (5)	
(b) (5)		

#### Elizabeth Parr Hecker

Senior Counsel Office of Legal Policy U.S. Department of Justice 950 Pennsylvania Avenue, N.W. Room 4242

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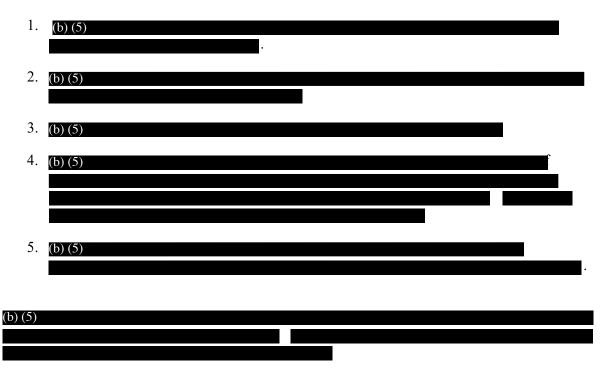
Washington, D.C. 20530 202-514-2160 Elizabeth.Hecker@usdoj.gov

Document ID: 0.7.11378.23707

From:	Hecker, Elizabeth (OLP)
Sent:	Tuesday, September 09, 2014 6:47 PM
То:	Tyrangiel, Elana (OLP); Siger, Steven B. (OLP); Krulic, Alexander (OLP); Pazur,
	Shannon (OLP); Fried, Hannah (OLP); Pronley, Alyssa (JMD)
Subject:	Predictive Policing - Revised Draft Outline
Attachments:	Predictive Policing Outline v.2.docx

#### Team

Attached is a revised outline for #2. Substantive changes from the version circulated this morning include:



Beth

#### Elizabeth Parr Hecker

Senior Counsel Office of Legal Policy U.S. Department of Justice 950 Pennsylvania Avenue, N.W.

epic.org

Room 4242 Washington, D.C. 20530 202-514-2160 Elizabeth.Hecker@usdoj.gov

Document ID: 0.7.11378.23690

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, September 10, 2014 12:42 PM
То:	Krulic, Alexander (OLP); 'Siger, Steven B. (OLP)'
Subject:	Predictive Policing Outline for Distribution to Components
Attachments:	Predictive Policing Outline for Distribution to Components.docx

# Krulic, Alexander (OLP)

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, September 10, 2014 1:34 PM
То:	Hecker, Elizabeth (OLP)
Subject:	Predictive Policing Outline - DRAFT
Attachments:	Predictive Policing Outline - DRAFT.docx

If you have two mins, will you look this over for corrections or edits? I hope to send it out by 1:45.

Thanks!

From:Hecker, Elizabeth (OLP)Sent:Thursday, September 11, 2014 2:22 PMTo:Krulic, Alexander (OLP)Subject:Revised OutlineAttachments:Predictive Policing Outline 9.11.14.docx

Just sending this to you for now, but you can circulate more broadly if you need to. (b)

(5)

## Krulic, Alexander (OLP)

From:	Krulic, Alexander (OLP)
Sent:	Thursday, September 11, 2014 6:40 PM
То:	Tyrangiel, Elana (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP); Hecker,
	Elizabeth (OLP); Fried, Hannah (OLP); Pronley, Alyssa (JMD)
Subject:	Big Data - Predictive Analytics Outline
Attachments:	Predictive Analytics - Outline 09 11 14.docx

Attached is the most recent draft of the outline for Report # 2 (Predictive Analytics).

(b) (5)	
	"

Thank you all for your great work on this. Despite the volume of material and the acute time pressure, we have gotten this to a good starting point.

If anything urgent arises tomorrow, I should have regular e-mail access other than from 8:30 am to 9:45 am.

Alex

From:	Tyrangiel, Elana (OLP)
Sent:	Monday, September 15, 2014 2:45 PM
To:	kate_e_heinzelman@who.eop.go
Cc:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics Outline
Attachments:	Predictive Analytics Outline 09 15 14.docx

Kate,

Attached please find our outline for the predictive analytics report that was tasked to the Department via memorandum dated July 28, 2014. We look forward to discussing these issues with you.

Thanks, Elana

From:Hecker, Elizabeth (OLP)Sent:Tuesday, September 16, 2014 12:31 PMTo:Krulic, Alexander (OLP)Subject:Predictive Policing - Revised outlineAttachments:Predictive Analytics Outline 09 16 14.docx

Alex the new stuff is highlighted. Let me know what you think.

(b) (5)

#### **Elizabeth Parr Hecker**

From:Hecker, Elizabeth (OLP)Sent:Tuesday, September 16, 2014 12:47 PMTo:Krulic, Alexander (OLP)Subject:Predictive policingAttachments:Predictive Analytics Outline 09 16 14.docx

Revised draft attached. I left the new sections highlighted so Elana could see the revisions more clearly.

#### **Elizabeth Parr Hecker**

#### Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Tuesday, September 16, 2014 1:14 PM
То:	Tyrangiel, Elana (OLP)
Cc:	Krulic, Alexander (OLP)
Subject:	RE: Predictive Analytics Outline 09 16 14 v2
Attachments:	Predictive Analytics Outline 09 16 14 v2.SBS.docx

I know you're separately reviewing, but I had a few suggestions in the attached.

Best, Steve

From: Tyrangiel, Elana (OLP)
Sent: Tuesday, September 16, 2014 1:07 PM
To: Krulic, Alexander (OLP)
Cc: Hecker, Elizabeth (OLP); Pazur, Shannon (OLP); Siger, Steven B. (OLP)
Subject: RE: Predictive Analytics Outline 09 16 14 v2

Thanks for this I will look now and let you know!

From: Krulic, Alexander (OLP)
Sent: Tuesday, September 16, 2014 1:05 PM
To: Tyrangiel, Elana (OLP)
Cc: Hecker, Elizabeth (OLP); Pazur, Shannon (OLP); Siger, Steven B. (OLP)
Subject: Predictive Analytics Outline 09 16 14 v2

Elana,

(b) (5) (b) (5) Once you have had a chance to review, will you let us know if you need additional inputs (b) (6) , but will be back in 15 minutes.

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<< File: Predictive Analytics Outline 0916 14 v2.docx >>

Document ID: 0.7.11378.24341

From:Hecker, Elizabeth (OLP)Sent:Tuesday, September 16, 2014 3:29 PMTo:Krulic, Alexander (OLP)Subject:Draft 3Attachments:Predictive Analytics Outline 09 16 14 v3.docx

#### Elizabeth Parr Hecker

From:Hecker, Elizabeth (OLP)Sent:Tuesday, September 16, 2014 4:05 PMTo:Tyrangiel, Elana (OLP)Cc:Krulic, Alexander (OLP)Subject:Predictive Policing - Revised OutlineAttachments:Predictive Analytics Outline 09 16 14 v3.docx

Revised outline is attached.

Beth

#### **Elizabeth Parr Hecker**

From:	Tyrangiel, Elana (OLP)
Sent:	Tuesday, September 16, 2014 4:14 PM
То:	Lan, Iris (ODAG); Walsh, James (ODAG); Brown Lee, Erika (ODAG)
Subject:	Finals so you have them
Attachments:	Predictive Analytics Outline 09 15 14.docx (b) (5)

Sorry for the delay!

From:	Tyrangiel, Elana (OLP)
Sent:	Tuesday, September 16, 2014 6:30 PM
То:	Lan, Iris (ODAG); Walsh, James (ODAG); Brown Lee, Erika (ODAG)
Cc:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics
Attachments:	Predictive Analytics Outline 09 16 14.docx

Hi all

(b) (5)		
	(b) (5)	
		Changes are in yellow highlight.

Thanks, Elana

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, September 17, 2014 2:31 PM
To:	kate_e_heinzelman@who.eop.gov
Cc:	Siger, Steven B. (OLP); Krulic, Alexander (OLP)
Subject:	Predictive Analytics Outline
Attachments:	Predictive Analytics Outline 09 17 14.docx

Kate, attached please find our revised predictive analytics outline. Please let us know if you have any questions

Thanks much, Elana

## Krulic, Alexander (OLP)

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, September 17, 2014 3:01 PM
То:	Hecker, Elizabeth (OLP); Pazur, Shannon (OLP); Fried, Hannah (OLP); Pronley,
	Alyssa (JMD)
Cc:	Tyrangiel, Elana (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics Outline
Attachments:	Predictive Analytics Outline 09 17 14.docx

Attached is the final version of the Predictive Analytics outline sent to WHCO!

Thank you to all of you for your help and hard work over the past few days.

Alyssa, I am reviewing your excellent write-up of the FTC conference.

Alex

From:Hecker, Elizabeth (OLP)Sent:Friday, September 26, 2014 5:41 PMTo:Pazur, Shannon (OLP)Subject:Work PlanAttachments:Work Plan.docx

Draft work plan is attached. I seriously have no pride of ownership here so please feel free to suggest changes. If you want to change any of the things I have under your name or take any of the things I've assigned to myself let me know.

#### Elizabeth Parr Hecker

From:	Hecker, Elizabeth (OLP)
Sent:	Monday, September 29, 2014 5:24 PM
То:	Krulic, Alexander (OLP)
Cc:	Pazur, Shannon (OLP)
Subject:	Big Data - Workplan, etc.
Attachments:	Work Plan.docx

Alex

A draft work plan for Big Data #2 is attached. Let us know what you think.

(b) (5)

Beth

#### Elizabeth Parr Hecker

# Krulic, Alexander (OLP)

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, October 01, 2014 8:18 PM
То:	Siger, Steven B. (OLP)
Cc:	Pazur, Shannon (OLP); Hecker, Elizabeth (OLP); Fried, Hannah (OLP)
Subject:	Work Plan - Predictive Analytics
Attachments:	Work Plan - Predictive Analytics.docx

Steve-

Beth prepared an excellent draft Work Plan for Predictive Analytics (attached).

Will you look it over and let us know if you have any comments or suggestions?

Alex

From:	Hecker, Elizabeth (OLP)
Sent:	Thursday, October 02, 2014 11:19 AM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP); Fried,
	Hannah (OLP)
Subject:	Revised #2 outline
Attachments:	Predictive Analytics Outline 10 02 14.docx

Revised outline is attached (b) (5)

Beth

#### **Elizabeth Parr Hecker**

From:	Hecker, Elizabeth (OLP)
Sent:	Monday, October 06, 2014 9:35 AM
То:	Krulic, Alexander (OLP); Pazur, Shannon (OLP)
Subject:	Predictive Policing: Revised Workplan
Attachments:	Work Plan.docx

I've revised this a bit based on Steve's comments from Thursday. (b) (5)

Let me know if you have any comments or suggestions.

Beth

## **Elizabeth Parr Hecker**

From:Hecker, Elizabeth (OLP)Sent:Tuesday, October 14, 2014 10:35 AMTo:Pazur, Shannon (OLP); Krulic, Alexander (OLP)Subject:Revised work planAttachments:Work Plan 10.14.14.docx

Revised work plan is attached.

#### **Elizabeth Parr Hecker**

From:Hecker, Elizabeth (OLP)Sent:Wednesday, October 15, 2014 4:53 PMTo:Pazur, Shannon (OLP)Subject:Draft - thoughts?Attachments:Predictive Analytics in Law Enforcement - Report.docx

Wanted to catch you before you left. What do you think?

#### Elizabeth Parr Hecker

From:	Hecker, Elizabeth (OLP)
Sent:	Wednesday, October 15, 2014 5:19 PM
То:	Krulic, Alexander (OLP)
Cc:	Pazur, Shannon (OLP)
Subject:	Predictive Analytics in Law Enforcement - Draft
Attachments:	Predictive Analytics in Law Enforcement - Report.docx

Alex a draft of the first part of Section II is attached. Please let me know what you think. I'm going to get started on the in-depth discussion for now and will await your comments.

Beth

#### Elizabeth Parr Hecker

# Krulic, Alexander (OLP)

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, October 15, 2014 6:43 PM
То:	Hecker, Elizabeth (OLP)
Subject:	Predictive Analytics - Draft 10 15 2014
Attachments:	Predictive Analytics - Draft 10 15 2014.docx

Excellent work! A couple of suggested line edits in the attached.

From:Hecker, Elizabeth (OLP)Sent:Wednesday, October 15, 2014 9:37 PMTo:Hecker, Elizabeth (OLP)Subject:DraftAttachments:Predictive Analytics - Draft 10 15 2014.docx

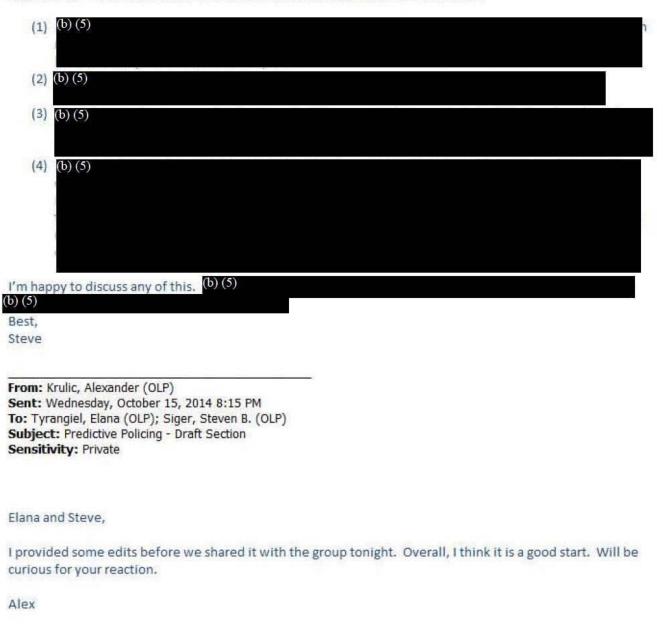
#### Elizabeth Parr Hecker

#### Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Thursday, October 16, 2014 10:28 AM
To:	Krulic, Alexander (OLP); Tyrangiel, Elana (OLP)
Subject:	RE: Predictive Policing - Draft Section
Attachments:	Predictive Analytics - Draft 10 15 2014.SBS.docx

Hi Alex and Elana,

I agree with Alex that this is a good start. I've taken a run at editing and inserting a few comments – mostly explanatory – in the attached. The main points of my suggestions are as follows:



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From: Hecker, Elizabeth (OLP) Sent: Wednesday, October 15, 2014 7:24 PM To: Tyrangiel, Elana (OLP) Cc: Siger, Steven B. (OLP); Krulic, Alexander (OLP); Pazur, Shannon (OLP); Fried, Hannah (OLP) Subject: Big Data - Draft Section

Good evening, Big Data team!

Attached please find a draft of the first part of Section II, (b) (5)

# (b) (5)

(b) (5)

your comments.

I will continue to work on the highlighted sections tonight and tomorrow.

#### **Elizabeth Parr Hecker**

Senior Counsel Office of Legal Policy U.S. Department of Justice 950 Pennsylvania Avenue, N.W. Room 4242 Washington, D.C. 20530 202-514-2160 Elizabeth.Hecker@usdoj.gov I welcome

#### Fried, Hannah (OLP)

From:	Fried, Hannah (OLP)
Sent:	Friday, October 17, 2014 3:03 PM
То:	Krulic, Alexander (OLP); Hecker, Elizabeth (OLP)
Cc:	Pazur, Shannon (OLP)
Subject:	RE: Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft 10 17 2014 hkf edits.docx

Neat stuff. A few thoughts or tracked (and minor) line edits, attached at p. 1, p. 2, p. 5, p. 7, p. 8

Thanks!

From: Krulic, Alexander (OLP)
Sent: Friday, October 17, 2014 12:28 PM
To: Hecker, Elizabeth (OLP)
Cc: Pazur, Shannon (OLP); Fried, Hannah (OLP)
Subject: RE: Predictive Analytics Draft

Thank you so much Beth! Have a great weekend.

Shannon or Hannah, if you have any line edits, please let me know.

I plan to review the draft this afternoon and then send it to Elana.

Alex

From: Hecker, Elizabeth (OLP)
Sent: Friday, October 17, 2014 12:02 PM
To: Krulic, Alexander (OLP)
Cc: Pazur, Shannon (OLP); Fried, Hannah (OLP)
Subject: Predictive Analytics Draft

Team

Attached is a new version of the Predictive Analytics report (b) (5)

(b) (5) Thanks, Hannah!

#### (b) (5)

I will be on a train until around 3 and will try to check my blackberry from time to time if you need me. Have a great weekend!

#### **Elizabeth Parr Hecker**

Senior Counsel Office of Legal Policy U.S. Department of Justice 950 Pennsylvania Avenue, N.W. Room 4242 Washington, D.C. 20530 202-514-2160 Elizabeth.Hecker@usdoj.gov

<< File: Predictive Analytics - Draft 10 17 2014.docx >>

#### Krulic, Alexander (OLP)

From:	Krulic, Alexander (OLP)
Sent:	Sunday, October 19, 2014 5:04 PM
То:	Tyrangiel, Elana (OLP)
Cc:	Siger, Steven B. (OLP); Pazur, Shannon (OLP); Hecker, Elizabeth (OLP); Fried,
	Hannah (OLP); Pronley, Alyssa (JMD)
Subject:	Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft 10 19 2014.docx

Elana,

Attached is a new working draft of the Predictive Analytics paper (b) (5)

Although still a work-in-progress, the draft reflects a tremendous amount of work and learning by Beth, Shannon, and Alyssa over the last couple of weeks. I know that the next days will be intense, so I wanted to pause and say thank you to them on the relative leisure of a Sunday afternoon.

A very minor question: Is there an office convention for defining terms - with or without quotation marks in the parenthetical, ("DOJ") or (DOJ)? You will note that both conventions are included in the draft at times, but before correcting that, I wanted to know what you prefer.

Alex

Alex Krulic Office of Legal Policy alexander.krulic@usdoj.gov Tel. (202) 305-4870

From:	Hecker, Elizabeth (OLP)
Sent:	Tuesday, October 21, 2014 5:32 PM
То:	Krulic, Alexander (OLP); Pazur, Shannon (OLP)
Subject:	Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft 10.21.14.docx

Alex, Shannon

A revised draft report is attached. I should have done a read-through but wanted to get it to you in case you want to look at it tonight. (b) (6)

make any changes you may have.

I should be done by 12:30 and can

As you can see, I've given restructuring a shot. Let me know what you think. My guess is that we will continue to restructure as new sections are drafted but I thought this might make sense for now.

Beth

# Podesta, John

From:	Podesta, John	
Sent:	Tuesday, October 21, 2014 8:06 PM	
To:	Alcindor, Lew AG Holder DOJ Email Account	
Cc:	Cole, James (ODAG); Kadzik, Peter J (OLA)	
Subject:	Memo - BDWG - Next Steps	
Attachments:	20141021_JDP_Holder memo.docx	

AG Holder-

I want to thank you and your team for updating me recently on the status of two key efforts arising from our Big Data and Privacy report. (b) (5)

As always, please don't hesitate to let me know if you'd like to discuss these issues further.

John

From:Hecker, Elizabeth (OLP)Sent:Wednesday, October 22, 2014 5:38 PMTo:Hecker, Elizabeth (OLP)Attachments:Predictive Analytics - Draft 10.22.14.docx

# Elizabeth Parr Hecker

# Tyrangiel, Elana (OLP)

From:	Tyrangiel, Elana (OLP)
Sent:	Thursday, October 23, 2014 9:30 AM
To:	Walsh, James (ODAG); Lan, Iris (ODAG); Brown Lee, Erika (ODAG)
Cc:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	FW: Memo to AG
Attachments:	20141020_JDP_Holder memo.docx

This (or some slightly different version of it) was sent to the AG. I got this bootleg copy late last night.

# Tyrangiel, Elana (OLP)

From:	Tyrangiel, Elana (OLP)
Sent:	Thursday, October 23, 2014 4:15 PM
To:	Kadzik, Peter J (OLA)
Subject:	RE: Big Data
Attachments:	Predictive Analytics Outline 09 15 14.docx

Peter, here's an electronic version of the doc I gave you in hard copy at the meeting. If you have a moment, would you mind sharing the version of the Podesta memo that you received on Tuesday evening? (b) (5)

### (b) (5)

Thanks ---

Elana

-----Original Message-----From: Kadzik, Peter J (OLA) Sent: Thursday, October 23, 2014 1:40 PM To: Tyrangiel, Elana (OLP) Subject: FW: Big Data

Would you please send me our 9/15 report that was the subject of JDP's recent memo to the AG? Thanks.

Peter J. Kadzik

Assistant Attorney General Office of Legislative Affairs (202) 514-2141 peter.j.kadzik@usdoj.gov

-----Original Message-----From: Walsh, James (ODAG) Sent: Thursday, October 23, 2014 1:38 PM To: Cheung, Denise (OAG); Kadzik, Peter J (OLA) Cc: Tyrangiel, Elana (OLP); Brown Lee, Erika (ODAG); Lan, Iris (ODAG) Subject: RE: Big Data

Adding Peter here. The plan for the 2 pm meeting, I think, is to get together quickly and have a preliminary discussion.

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-----Original Message-----From: Cheung, Denise (OAG) Sent: Thursday, October 23, 2014 1:19 PM To: Walsh, James (ODAG) Cc: Tyrangiel, Elana (OLP); Brown Lee, Erika (ODAG); Lan, Iris (ODAG) Subject: RE: Big Data

I have a meeting with the DAG at 2 p.m., but could you let me know what comes out of that meeting? Also, could you make sure that Peter is kept in the loop? Perhaps he should be included in the meeting? Thanks.

-----Original Message-----From: Walsh, James (ODAG) Sent: Thursday, October 23, 2014 12:36 PM To: Cheung, Denise (OAG) Cc: Tyrangiel, Elana (OLP); Brown Lee, Erika (ODAG); Lan, Iris (ODAG) Subject: Big Data

Denise,

Got your message about the Big Data report. We're planning to meet at 2 pm in 4236 to discuss the letter to the AG. Are you available?

Jim

From:	Hecker, Elizabeth (OLP)
Sent:	Friday, October 24, 2014 12:42 PM
То:	Siger, Steven B. (OLP); Krulic, Alexander (OLP); Fried, Hannah (OLP); Pazur,
	Shannon (OLP)
Subject:	Predictive Analytics #2 - DRAFT
Attachments:	Predictive Analytics - Draft 10.24.14.docx

Team Attached for your review is the most recent draft of the predictive analytics in law enforcement document. As you can see, it is still a work in progress, but much of the substance is there. Please let us know your thoughts.

Beth

### Elizabeth Parr Hecker

From:	Hecker, Elizabeth (OLP)
Sent:	Friday, October 24, 2014 5:40 PM
То:	Tyrangiel, Elana (OLP); Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur,
	Shannon (OLP); Fried, Hannah (OLP)
Subject:	Predictive Analytics in Law Enforcement - DRAFT
Attachments:	Predictive Analytics - Draft 10.24.14.docx

Team

Attached is the most recent version of the Predictive Analytics in Law Enforcement draft. Alex has not yet reviewed some of the new sections, but we wanted to go ahead and send in case you would like to take a look at it over the weekend.

Beth

# Elizabeth Parr Hecker

# Tyrangiel, Elana (OLP)

From:Tyrangiel, Elana (OLP)Sent:Monday, October 27, 2014 6:10 PMTo:Krulic, Alexander (OLP)Attachments:Predictive Analytics - Draft 10 24 14 et.docx

From:Hecker, Elizabeth (OLP)Sent:Tuesday, October 28, 2014 5:28 PMTo:Hecker, Elizabeth (OLP)Attachments:Predictive Analytics - Draft 10.28.14.docx

# **Elizabeth Parr Hecker**

From:Hecker, Elizabeth (OLP)Sent:Wednesday, October 29, 2014 6:59 PMTo:Krulic, Alexander (OLP)Subject:Predictive Analytics - DRAFT 10.29.14Attachments:Predictive Analytics - Draft 10.29.14.docx

# Elizabeth Parr Hecker

From:	Hecker, Elizabeth (OLP)
Sent:	Thursday, October 30, 2014 11:56 AM
То:	Tyrangiel, Elana (OLP); Siger, Steven B. (OLP); Krulic, Alexander (OLP); Pazur,
	Shannon (OLP); Fried, Hannah (OLP)
Subject:	Predictive Analytics in Law Enforcement - Draft 10.30.14
Attachments:	Predictive Analytics - Draft 10.30.14.docx

Team

Attached is the latest version of the Predictive Analytics in Law Enforcement draft. (b) (5)

I will likely circulate a revised version again tomorrow morning.

Beth

### **Elizabeth Parr Hecker**

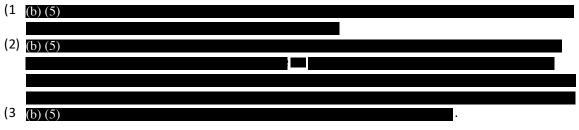
# Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Friday, October 31, 2014 9:56 AM
То:	Krulic, Alexander (OLP)
Cc:	Tyrangiel, Elana (OLP)
Subject:	Predictive Analytics

Alex,

Here are my (mostly) big picture thoughts on the current draft. In my haste to go be a banana, I neglected to emphasize that I think the vast majority of the pieces of the puzzle are in the report, and it is clear that everyone has put a great deal of thought and effort into it.

A few structural points:



And then some more random ones:



Happy to talk further when I'm back.

best, Steve

From:Hecker, Elizabeth (OLP)Sent:Friday, October 31, 2014 12:22 PMTo:Krulic, Alexander (OLP); Pazur, Shannon (OLP)Subject:Predictive Analytics - Draft 10.21.14Attachments:Predictive Analytics - Draft 10.31.14.docx

New version attached. Have a great weekend!

# **Elizabeth Parr Hecker**

# Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Friday, October 31, 2014 4:40 PM
То:	Krulic, Alexander (OLP)
Cc:	Tyrangiel, Elana (OLP)
Subject:	Predictive Analytics - Draft 10 30 14.SBS
Attachments:	Predictive Analytics - Draft 10 30 14.SBS.docx

Alex, Elana,

(b) (5)		

I would be happy to discuss your thoughts, including most especially whether any of these edits seem unnecessary.

Best, Steve

# Tyrangiel, Elana (OLP)

From:	Tyrangiel, Elana (OLP)
Sent:	Friday, October 31, 2014 5:17 PM
То:	Krulic, Alexander (OLP)
Subject:	suggested edits attached
Attachments:	Predictive Analytics - Draft 10 30 14 (2).docx

From:	Krulic, Alexander (OLP)
Sent:	Monday, November 03, 2014 12:27 PM
То:	Hecker, Elizabeth (OLP)
Cc:	Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Concerns
Attachments:	Predictive Analytics - Draft 11 03 14 a.docx

Beth,

ladded some additional line

(b) (5) edits as well.

If you want to discuss or disagree with any of these, please let me know.

Alex

From:Hecker, Elizabeth (OLP)Sent:Tuesday, November 04, 2014 10:02 AMTo:Krulic, Alexander (OLP); Pazur, Shannon (OLP)Subject:Predictive AnalyticsAttachments:Predictive Analytics - Draft 11.4.14.docx

Current draft is attached.

#### (b) (5)

. I'm doing it now. Please feel free to join if you'd like.

#### **Elizabeth Parr Hecker**

From:	Krulic, Alexander (OLP)
Sent:	Tuesday, November 04, 2014 11:44 AM
То:	Tyrangiel, Elana (OLP)
Cc:	Siger, Steven B. (OLP); Hecker, Elizabeth (OLP); Pazur, Shannon (OLP)
Subject:	Predictive Policing - Draft
Attachments:	Predictive Analytics - Draft 11 04 14 v1.docx

Elana,

Attached is the most recent draft (b) (5)

(b) (5)

(b) (5)

Alex

From:Hecker, Elizabeth (OLP)Sent:Tuesday, November 04, 2014 2:09 PMTo:Siger, Steven B. (OLP)Subject:FW: IntroAttachments:Intro draft.docx

Steve - FYI

From: Hecker, Elizabeth (OLP) Sent: Tuesday, November 04, 2014 12:33 PM To: Krulic, Alexander (OLP); Pazur, Shannon (OLP) Subject: Intro

Attached is a draft intro. I welcome your thoughts.

Also, if we are going to meet at 1:0 (b) (6)

## Elizabeth Parr Hecker

# Siger, Steven B. (OLP)

From:Siger, Steven B. (OLP)Sent:Tuesday, November 04, 2014 4:28 PMTo:Krulic, Alexander (OLP)Subject:Conclusion DraftAttachments:Conclusion Draft.docx

From:Krulic, Alexander (OLP)Sent:Tuesday, November 04, 2014 4:34 PMTo:Siger, Steven B. (OLP)Subject:Conclusion Draft 11 04Attachments:Conclusion Draft 11 04.docx

Great stuff. A couple of suggested edits.

From:	Krulic, Alexander (OLP)
Sent:	Tuesday, November 04, 2014 4:54 PM
То:	Hecker, Elizabeth (OLP); Pazur, Shannon (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft 11 04 14 v2.docx

Attached is the re-ordered version. I am working on edits to th (b) (5)

# Tyrangiel, Elana (OLP)

From:	Tyrangiel, Elana (OLP)
Sent:	Tuesday, November 04, 2014 5:10 PM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	still in progress
Attachments:	Predictive Analytics - Draft 11 04 14 v2.docx

I will resume tomorrow.

Document ID: 0.7.11378.24568

From:	Krulic, Alexander (OLP)
Sent:	Tuesday, November 04, 2014 5:39 PM
То:	Hecker, Elizabeth (OLP)
Cc:	Siger, Steven B. (OLP); Pazur, Shannon (OLP)
Subject:	Draft - v4
Attachments:	Predictive Analytics - Draft 11 04 14 v4.docx

Beth had trouble opening the attachment.

Here it is again, this time as version 4.

Alex

From:	Hecker, Elizabeth (OLP)
Sent:	Tuesday, November 04, 2014 6:48 PM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP)
Subject:	Big Data
Attachments	(b) (5) 11.4.14.docx; Predictive Analytics - Draft 11.04.14 EVENING.docx

Attached is the latest draft of the Predictive Analytics in Law Enforcement report. Please work from this version if you have edits between now and tomorrow.

(b) (5)

Have a good night!

Beth

### Elizabeth Parr Hecker

# Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Wednesday, November 05, 2014 10:28 AM
То:	Tyrangiel, Elana (OLP); Krulic, Alexander (OLP)
Subject:	Predictive Analytics - Draft 11 04 14 EVENING.SBS INTRO
Attachments:	Predictive Analytics - Draft 11 04 14 EVENING.SBS INTRO.docx

Here's a redline of the intro (b) (5)

## Pazur, Shannon (OLP)

From:Pazur, Shannon (OLP)Sent:Wednesday, November 05, 2014 11:02 AMTo:Krulic, Alexander (OLP)Subject:Draft data reportAttachments:Predictive Analytics - Draft 11 05 14 11am.docx

Here you go (b) (5) can do that later.

. I'd still like to fix the citations, but I

## Shannon M. Pazur

Senior Counsel Office of Legal Policy U.S. Department of Justice 950 Pennsylvania Avenue, NW Washington, D.C. 20530 202.305.0645 Shannon.Pazur@usdoj.gov

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, November 05, 2014 11:18 AM
То:	Tyrangiel, Elana (OLP)
Cc:	Siger, Steven B. (OLP)
Subject:	Conclusions Draft - 11 05 14
Attachments:	Conclusions Draft - 11 05 14.docx

Elana,

Here is the current draft of the Conclusions and Next Steps, reflecting Steve drafting and my editing.

Alex

## Tyrangiel, Elana (OLP)

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, November 05, 2014 12:14 PM
То:	Krulic, Alexander (OLP)
Cc:	Siger, Steven B. (OLP)
Subject:	RE: Conclusions Draft - 11 05 14
Attachments:	Predictive Analytics - Draft 11 05 14 clean.docx

Trying again.

From: Krulic, Alexander (OLP)
Sent: Wednesday, November 05, 2014 12:11 PM
To: Tyrangiel, Elana (OLP)
Cc: Siger, Steven B. (OLP)
Subject: RE: Conclusions Draft 11 05 14

Thank you. Both of these appear to be the redline.

I can review and accept the changes, but if you meant to send a clean version, I don't think that it made it.

From: Tyrangiel, Elana (OLP)
Sent: Wednesday, November 05, 2014 12:07 PM
To: Krulic, Alexander (OLP)
Cc: Siger, Steven B. (OLP)
Subject: RE: Conclusions Draft 11 05 14

<< File: Predictive Analytics - Draft 11 05 14 clean.docx >>

Concerns and benefits. Let me know if you need the redline at this point, I think a clean version is more useful.

<< File: Predictive Analytics - Draft 11 05 14 clean.docx >>

From: Krulic, Alexander (OLP)
Sent: Wednesday, November 05, 2014 11:44 AM
To: Tyrangiel, Elana (OLP)
Cc: Siger, Steven B. (OLP)
Subject: RE: Conclusions Draft 11 05 14

Elana,

(b) (5)

(b) (5)	
	2
(b) (5)	

Alex

From: Krulic, Alexander (OLP) Sent: Wednesday, November 05, 2014 11:18 AM To: Tyrangiel, Elana (OLP) Cc: Siger, Steven B. (OLP) Subject: Conclusions Draft 11 05 14

Elana,

Here is the current draft of the Conclusions and Next Steps, reflecting Steve drafting and my editing.

Alex

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<< File: Conclusions Draft - 11 05 14.docx >>

Document ID: 0.7.11378.27130

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, November 05, 2014 1:03 PM
То:	Tyrangiel, Elana (OLP); Siger, Steven B. (OLP)
Cc:	Hecker, Elizabeth (OLP); Pazur, Shannon (OLP); Fried, Hannah (OLP)
Subject:	Predictive Analytics - Draft 1 pm
Attachments:	Predictive Analytics - Draft 11 05 14 - 1 pm.docx

Elana,

Attached is the most recent draft.

(b) (5)		
	·	
(b) (5)		

Alex

# Tyrangiel, Elana (OLP)

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, November 05, 2014 5:10 PM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	new version
Attachments:	Predictive Analytics - Draft 11 05 14 - 5 pm.docx

## Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Wednesday, November 05, 2014 5:36 PM
То:	Krulic, Alexander (OLP); Tyrangiel, Elana (OLP)
Subject:	RE: new version
Attachments:	Predictive Analytics - Draft 11 05 14 - 5 pm.SBS.docx

# Attached is my cut at the intro. (b) (5)

I think this works, but very much welcome any feedback.

Best, Steve

From: Krulic, Alexander (OLP) Sent: Wednesday, November 05, 2014 5:18 PM To: Tyrangiel, Elana (OLP); Siger, Steven B. (OLP) Subject: RE: new version

Thank you. I will look at this now.

Steve may have told you, but Hannah is still workin (b) (5)

We asked her to print it when she is done.

From: Tyrangiel, Elana (OLP) Sent: Wednesday, November 05, 2014 5:10 PM To: Krulic, Alexander (OLP); Siger, Steven B. (OLP) Subject: new version

<< File: Predictive Analytics - Draft 11 05 14 - 5 pm.docx >>

From:Krulic, Alexander (OLP)Sent:Wednesday, November 05, 2014 5:40 PMTo:Hecker, Elizabeth (OLP)Subject:Revised DraftAttachments:Predictive Analytics - Draft 1105 14 - 6 pm.docx

**Deliberative & Pre-Decisional** 

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, November 05, 2014 5:40 PM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Draft 11 05 14 - 5 pm SBS
Attachments:	Predictive Analytics - Draft 11 05 14 - 5 pm SBS.docx

Alex, curious for your thoughts too, but I had just one initial tweak to Steve's edits (in blue, in the third paragraph).

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, November 05, 2014 8:01 PM
То:	Hecker, Elizabeth (OLP)
Cc:	Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft 11 05 14 - 8 pm.docx

Beth,

Attached is the most recent draft. For now, you have the pen.

Alex

From:Hecker, Elizabeth (OLP)Sent:Thursday, November 06, 2014 10:06 AMTo:Krulic, Alexander (OLP)Subject:Big Data docAttachments:Predictive Analytics - Draft 11.6.14.docx

#### (b) (5)

just send it back when you're done?

Can you

## **Elizabeth Parr Hecker**

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 06, 2014 10:44 AM
То:	Siger, Steven B. (OLP)
Subject:	Predictive Analytics Intro 10 am
Attachments:	Predictive Analytics Intro 10 am.docx

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 06, 2014 10:45 AM
То:	Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Draft 11 06 14 - 11 am
Attachments:	Predictive Analytics - Draft 11 06 14 - 11 am.docx

## Siger, Steven B. (OLP)

From:Siger, Steven B. (OLP)Sent:Thursday, November 06, 2014 11:08 AMTo:Krulic, Alexander (OLP)Subject:RE: IntroAttachments:SBS Insert 10.6.14 1107AM.docx

(b) (5)

Best, Steve

From: Krulic, Alexander (OLP) Sent: Thursday, November 06, 2014 10:56 AM To: Siger, Steven B. (OLP) Subject: Intro

(b) (5)

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 06, 2014 11:51 AM
То:	Hecker, Elizabeth (OLP)
Cc:	Siger, Steven B. (OLP); Pazur, Shannon (OLP)
Subject:	Predictive Analytics - DRAFT
Attachments:	Predictive Analytics - Draft 11 06 14 - 12 pm.docx

Attached is the latest draft reflecting line edits by Steve and me.

#### (b) (5) .

The goal remains to provide it to Elana at 1:00 pm.

Alex

From:Hecker, Elizabeth (OLP)Sent:Thursday, November 06, 2014 12:54 PMTo:Krulic, Alexander (OLP)Subject:Predictive Analytics - 12:45 DraftAttachments:Predictive Analytics - Draft 11.06.14 1245pm.docx

### (b) (5)

## **Elizabeth Parr Hecker**

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 06, 2014 1:05 PM
То:	Tyrangiel, Elana (OLP)
Cc:	Siger, Steven B. (OLP); Hecker, Elizabeth (OLP)
Subject:	Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft 11 06 14 - 1 pm.docx

Elana,

Attached is a revised draft of the paper for your review.

We are all available this afternoon to help as needed. Beth is waiting on a few factual items, but filled in a lot of the brackets.

Since you last saw it, Steve and I also added line edits throughout the document.

Alex

From:	Tyrangiel, Elana (OLP)
Sent:	Thursday, November 06, 2014 2:49 PM
То:	Krulic, Alexander (OLP)
Subject:	Predictive Analytics - Draft 11 06 14 - 1 pm
Attachments:	Predictive Analytics - Draft 11 06 14 - 1 pm.docx

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 06, 2014 3:27 PM
То:	Tyrangiel, Elana (OLP)
Cc:	Siger, Steven B. (OLP)
Subject:	Predictive Analytics Intro - Draft
Attachments:	Predictive Analytics Intro - Draft 3 pm.docx

Elana,

Attached is my revised version of the Intro in response to your comments.

Thank you for your guidance, I think the logical flow is much improved.

Alex

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 06, 2014 4:18 PM
То:	Tyrangiel, Elana (OLP)
Cc:	Siger, Steven B. (OLP); Hecker, Elizabeth (OLP)
Subject:	Predictive Analytics Introduction
Attachments:	Predictive Analytics Introduction - Draft 4 pm.docx

Further revisions to the Introduction (now labeled 4 pm), based on comments from Elana and Steve.

Alex

From:	Tyrangiel, Elana (OLP)
Sent:	Thursday, November 06, 2014 5:16 PM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Draft 11 06 14 - 515 pm
Attachments:	Predictive Analytics - Draft 11 06 14 - 515 pm.docx

From:	Tyrangiel, Elana (OLP)
Sent:	Thursday, November 06, 2014 5:17 PM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	Predictive Analytics - Draft 11 06 14 - 515 pm
Attachments:	Predictive Analytics - Draft 11 06 14 - 515 pm.docx

Clean version.

From:	Hecker, Elizabeth (OLP)
Sent:	Thursday, November 06, 2014 7:53 PM
То:	Tyrangiel, Elana (OLP); Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur,
	Shannon (OLP)
Subject:	Predictive Analytics in Law Enforcement - Draft 11.6.14 8pm
Attachments:	Predictive Analytics - Draft 11.06.14 EPH EVENING REDLINE.docx

Good evening! I am attaching a redlined version of the Predictive Analytics in Law Enforcement report. (b) (5)

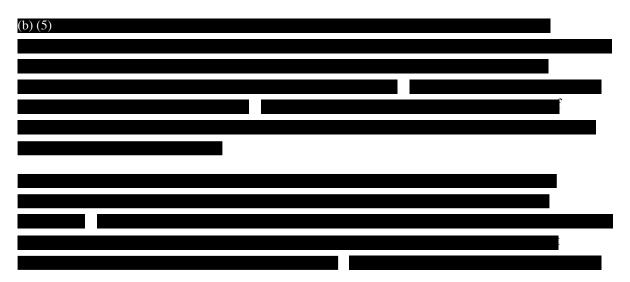
I have also made substantial edits to the footnotes. They should be correctly blue booked now. You will not see them in redline because they are not substantive and they added a lot of unnecessary and distracting red to the document. However, if you would like to see the footnote changes I'm happy to do a compare version tomorrow morning.

I've also tried to answer a couple of Elana's comments in the margins.



Have a good night, and I will see you tomorrow morning!

Beth



(b) (5)	

#### **Elizabeth Parr Hecker**

Senior Counsel Office of Legal Policy U.S. Department of Justice 950 Pennsylvania Avenue, N.W. Room 4242 Washington, D.C. 20530 202-514-2160 Elizabeth.Hecker@usdoj.gov 

From:	Tyrangiel, Elana (OLP)
Sent:	Friday, November 07, 2014 11:04 AM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP); Hecker, Elizabeth (OLP); Pazur,
	Shannon (OLP)
Subject:	New version
Attachments:	Predictive Analytics - Draft 11 07 14 v2.docx

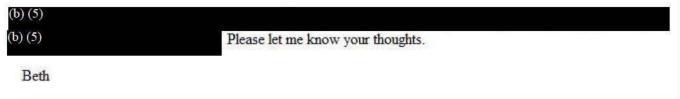
In redline. Please call me with any concerns about the edits.

From:	Tyrangiel, Elana (OLP)
Sent:	Friday, November 07, 2014 3:31 PM
То:	Cheung, Denise (OAG)
Subject:	predictive analytics
Attachments:	Predictive Analytics - Draft 11 07 14 CIRCULATION VERSION.docx

Denise, FYI, here's the version of the predictive analytics report that we're circulating to components today, with a COB Monday request for comments. We will recirculate for leadership clearance next week. If you have any questions, please feel free to call me. Thanks, and hope you're having a good trip.

From:	Hecker, Elizabeth (OLP)
Sent:	Wednesday, November 12, 2014 11:37 AM
To:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Cc:	Pazur, Shannon (OLP)
Subject:	RE: Predictive
Attachments:	Predictive Analytics - All component redline - 11.12.14.docx

Attached is a document reflecting all of the comments we've received, along with my recommendations (signified next to my initials in bold) on how we handle each comment. I played around with different ways to mark this up and this seemed to be the most clear.



```
From: Krulic, Alexander (OLP)
Sent: Wednesday, November 12, 2014 9:33 AM
To: Siger, Steven B. (OLP)
Cc: Hecker, Elizabeth (OLP); Pazur, Shannon (OLP)
Subject: Re: Predictive
```

That's all correct. Thank you Steve.

```
On Nov 12, 2014, at 9:18 AM, "Siger, Steven B. (OLP)" < ssiger@jmd.usdoj.gov> wrote:
```

Beth,		
(b) (5)		
Best,		
Steve		
<mime-attachment></mime-attachment>		
epic.org	EPIC-16-06-15-DOJ-FOIA-20171031-Production-3	0003

From:	Hecker, Elizabeth (OLP)
Sent:	Wednesday, November 12, 2014 4:40 PM
То:	Tyrangiel, Elana (OLP); Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur,
	Shannon (OLP)
Subject:	Predictive Analytics - Component Comments
Attachments:	Predictive Analytics - All component redline - 11 12 14 v.2.docx

Elana and team

Attached is a redline of the Predictive Analytics in Law Enforcement document reflecting the comments we received from the various components.

We met and discussed each of the suggested changes and these recommendations reflect all of our input. I've tracked the proposed changes and have included in the comments the component's original suggestion, our proposed edit, and our reasoning.

Beth

#### Elizabeth Parr Hecker

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, November 12, 2014 6:30 PM
To:	Delery, Stuart F. (OAAG)
Cc:	Cox, James C. (OAAG)
Subject:	RE: Predictive Analytics
Attachments:	Predictive Analytics 11 12 14 Clearance Copy.docx

Hello again -

As promised, attached is a revised copy of the predictive analytics report, reflecting(b) (5) (b) (5) Please let us know if you would like to discuss.

Thanks much -

Elana

From: Tyrangiel, Elana (OLP) Sent: Sunday, November 09, 2014 9:50 AM To: Delery, Stuart F. (OAAG) Cc: Cox, James C. (OAAG) Subject: RE: Predictive Analytics

Great, thanks. I have attached here the draft we circulated on Friday, and we'll be sure to share the revised version when we hear back from components.

Elana

-----Original Message-----From: Delery, Stuart F. (OAAG) [sfdelery@jmd.usdoj.gov] Received: Sunday, 09 Nov 2014, 9:01AM To: Tyrangiel, Elana (OLP) [etyrangiel@jmd.usdoj.gov] CC: Cox, James C. (OAAG) [jccox@jmd.usdoj.gov] Subject: Re: Predictive Analytics

Thanks, Elana. We would be interested in seeing the draft.

Stuart

On Nov 7, 2014, at 3:23 PM, Tyrangiel, Elana (OLP) < etyrangiel@jmd.usdoj.gov> wrote:

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Dear Stuart,

As I mentioned at our last meeting, as a follow-on assignment from the White House Big Data report, we've been working on a draft report on predictive analytics in law enforcement. (b) (5)

(b) (5)
 We would be happy to share a draft, if you would be interested.
 Just let me know – we're sending a draft to the relevant components today, with a request for comments by Monday COB, and will re-circulate to leadership offices (including yours, if you like) next week.

I hope all is well with you -

Elana

From:	Krulic, Alexander (OLP)
Sent:	Wednesday, November 12, 2014 11:30 PM
To:	Pazur, Shannon (OLP); Hecker, Elizabeth (OLP)
Subject:	Predictive Analytics Paper
Attachments:	Predictive Analytics 11 12 14 Clearance Copy.docx; ATT00001.htm

Beth and Shannon,

This is the copy that went to ODAG this evening.

Alex

Begin forwarded message:

From: "Tyrangiel, Elana (OLP)" <<u>etyrangiel@jmd.usdoj.gov</u>> Date: November 12, 2014 at 6:29:55 PM EST To: "Walsh, James (ODAG)" <<u>jamwalsh@jmd.usdoj.gov</u>>, "Lan, Iris (ODAG)" <<u>irlan@jmd.usdoj.gov</u>>, "Brown Lee, Erika (ODAG)" <<u>ebrownlee@jmd.usdoj.gov</u>> Cc: "Krulic, Alexander (OLP)" <<u>akrulic@jmd.usdoj.gov</u>>, "Siger, Steven B. (OLP)" <<u>ssiger@jmd.usdoj.gov</u>> Subject: Predictive Analytics Paper

Hi all -

Attached is a copy of the predictive analytics paper, which is ready for review and clearance. This version incorporates some light edits from components. I would love to chat tomorrow about next steps but wanted to be sure you had a copy of the paper asap. (b) (5)

(b) (5)

Thanks, Elana

From:	Hecker, Elizabeth (OLP)
Sent:	Thursday, November 13, 2014 10:55 AM
То:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Cc:	Pazur, Shannon (OLP)
Subject:	Predictive Analytics
Attachments:	Predictive Analytics 11.13.14.docx

Attached is the document again, (b) (5)

I've also filled in the supras and made a handful of additional formatting changes (mostly eliminating extra hard returns).

Beth

## Elizabeth Parr Hecker

#### Brown Lee, Erika (ODAG)

From:	Brown Lee, Erika (ODAG)
Sent:	Thursday, November 13, 2014 12:25 PM
To:	Tyrangiel, Elana (OLP); Walsh, James (ODAG); Lan, Iris (ODAG)
Cc:	Krulic, Alexander (OLP); Siger, Steven B. (OLP)
Subject:	RE: Predictive Analytics Paper
Attachments:	Predictive Analytics - Draft 11 07 14 CIRCULATION VERSION - EBL Edits.docx

Elana – Thanks for providing the opportunity to review the report, which is very well written. Attached for your consideration are proposed additions based on the materials we submitted in our Sept. 15 response to the WH.

Best regards, Erika

#### Erika Brown Lee

Chief Privacy and Civil Liberties Officer Office of the Deputy Attorney General U.S. Department of Justice 950 Pennsylvania Avenue, NW Washington, D.C. 20530 Tel: 202-307-0697 Erika.Brown.Lee@usdoj.gov

From: Tyrangiel, Elana (OLP) Sent: Wednesday, November 12, 2014 6:30 PM To: Walsh, James (ODAG); Lan, Iris (ODAG); Brown Lee, Erika (ODAG) Cc: Krulic, Alexander (OLP); Siger, Steven B. (OLP) Subject: Predictive Analytics Paper

Hi all -

Attached is a copy of the predictive analytics paper, which is ready for review and clearance. This version incorporates some light edits from components. I would love to chat tomorrow about next steps but wanted to be sure you had a copy of the paper asap. (b) (5)

(b) (5)

Thanks, Elana

<< File: Predictive Analytics 11 12 14 Clearance Copy.docx >>

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From:Krulic, Alexander (OLP)Sent:Thursday, November 13, 2014 4:51 PMTo:Hecker, Elizabeth (OLP)Subject:Predictive Analytics - DRAFT 11 13 14Attachments:Predictive Analytics - DRAFT 11 13 14.docx

Will you review, accept her changes, and then add your copy edits. And then add Steve's edits to Erika's edits (with my one improvement).

#### Thank you!

From: Tyrangiel, Elana (OLP) Sent: Thursday, November 13, 2014 3:59 PM To: Krulic, Alexander (OLP) Subject: Predictive Analytics DRAFT 11 13 14

From:Hecker, Elizabeth (OLP)Sent:Thursday, November 13, 2014 5:10 PMTo:Krulic, Alexander (OLP)Subject:FW: Cover LetterAttachments:Podesta Cover Letter.docx

From: Hecker, Elizabeth (OLP) Sent: Thursday, November 13, 2014 4:13 PM To: Pazur, Shannon (OLP) Subject: Cover Letter

## Elizabeth Parr Hecker

From:	Krulic, Alexander (OLP)
Sent:	Thursday, November 13, 2014 5:20 PM
То:	Tyrangiel, Elana (OLP)
Cc:	Pazur, Shannon (OLP); Siger, Steven B. (OLP); Hecker, Elizabeth (OLP); Fried,
	Hannah (OLP)
Subject:	Cover Letter - Draft 11 13 14
Attachments:	Cover Letter - Draft 11 13 14.docx

Attached is a draft cover letter from OLP or the DAG.

From:Tyrangiel, Elana (OLP)Sent:Friday, November 14, 2014 3:48 PMTo:Kadzik, Peter J (OLA)Subject:RE: draft predictive analyticsAttachments:Predictive Analytics - Draft Nov 13 at 530pm.docx

Glad to hear it thanks so much. Just so you have it, attached is the most recent version that reflects (b) (5) . We should be able to clear this to make the dead line Monday. Thanks again for reviewing and we'll keep you posted on anything we hear on our end.

From: Kadzik, Peter J (OLA) Sent: Friday, November 14, 2014 12:45 PM To: Tyrangiel, Elana (OLP) Subject: RE: draft predictive analytics

I did the side-by-side an (b) (5)

Peter J. Kadzik

Assistant Attorney General Office of Legislative Affairs (202) 514-2141 peter.j.kadzik@usdoj.gov

From: Tyrangiel, Elana (OLP) Sent: Friday, November 07, 2014 3:28 PM To: Kadzik, Peter J (OLA) Subject: draft predictive analytics

Peter, attached is a draft of the predictive analytics report. We're circulating it to components today for comment by COB Monday. If you have any concerns or comments, pleaselet me know. Thanks much.

<< File: Predictive Analytics - Draft 11 07 14 CIRCULATION VERSION.docx >>

From:Tyrangiel, Elana (OLP)Sent:Friday, November 14, 2014 3:53 PMTo:Cheung, Denise (OAG)Subject:predictive analyticsAttachments:Predictive Analytics - Draft Nov 13 at 530pm.docx

If you have any questions, please feel free to call!

Elana

### Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Friday, November 14, 2014 3:57 PM
To:	Krulic, Alexander (OLP)
Cc:	Pazur, Shannon (OLP); Hecker, Elizabeth (OLP); Tyrangiel, Elana (OLP)
Subject:	RE: Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft Nov 14 355pm.docx

Alex et al.,

Attached, please find a version with cover page. The first page of text is numberless, and the second page of text is page 2. It would be great if someone else would eyeball the page numbers and cover page to make sure I didn't miss anything.

best, Steve

From: Krulic, Alexander (OLP) Sent: Friday, November 14, 2014 3:48 PM To: Siger, Steven B. (OLP) Cc: Pazur, Shannon (OLP); Hecker, Elizabeth (OLP); Tyrangiel, Elana (OLP) Subject: Predictive Analytics - Draft

Steve,

Please add the cover page to this version.

Beth and Shannon have identified a number of typos which we will endeavor to put in as soon as you are done.

Alex

From: Krulic, Alexander (OLP) Sent: Thursday, November 13, 2014 5:33 PM To: Hecker, Elizabeth (OLP); Tyrangiel, Elana (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP); Fried, Hannah (OLP) Subject: RE: Predictive Analytics - Draft 5:15

Attached is a slightly revised version.

A couple of formatting changes and fixing the (b) (5)

Alex

<< File: Predictive Analytics - Draft Nov 13 at 530pm.docx >>

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EPIC-16-06-15-DOJ-FOIA-20171031-Production-3

From: Hecker, Elizabeth (OLP) Sent: Thursday, November 13, 2014 5:15 PM To: Tyrangiel, Elana (OLP); Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP); Fried, Hannah (OLP) Subject: Predictive Analytics - Draft 5:15

Formatting issues have been fixed, Erika's additions (as edited by Steve and Hannah) have been added, Elana's changes have been accepted and supras have been corrected. (b) (6)

(b) (6) Let me know...I'll check my Samsung.

Beth

<< File: Predictive Analytics - DRAFT 11.13.14 515pm.docx >>

## Elizabeth Parr Hecker

## Siger, Steven B. (OLP)

From:	Siger, Steven B. (OLP)
Sent:	Friday, November 14, 2014 4:03 PM
То:	Krulic, Alexander (OLP); Tyrangiel, Elana (OLP)
Subject:	FW: Predictive Analytics - Draft
Attachments:	Predictive Analytics - Draft Nov 13 at 530pm.docx

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	,		(U)(J)

(1	(b) (5)	
(2	(b) (5) ·	

From: Krulic, Alexander (OLP)
Sent: Friday, November 14, 2014 3:48 PM
To: Siger, Steven B. (OLP)
Cc: Pazur, Shannon (OLP); Hecker, Elizabeth (OLP); Tyrangiel, Elana (OLP)
Subject: Predictive Analytics Draft

Steve,

Please add the cover page to this version.

Beth and Shannon have identified a number of typos which we will endeavor to put in as soon as you are done.

Alex

From: Krulic, Alexander (OLP)
Sent: Thursday, November 13, 2014 5:33 PM
To: Hecker, Elizabeth (OLP); Tyrangiel, Elana (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP);
Fried, Hannah (OLP)
Subject: RE: Predictive Analytics Draft 5:15

Attached is a slightly revised version.

A couple of formatting changes and fixing th (b) (5)

Alex

epic.org

From: Hecker, Elizabeth (OLP)
Sent: Thursday, November 13, 2014 5:15 PM
To: Tyrangiel, Elana (OLP); Krulic, Alexander (OLP); Siger, Steven B. (OLP); Pazur, Shannon (OLP);
Fried, Hannah (OLP)
Subject: Predictive Analytics Draft 5:15

Formatting issues have been fixed, Erika's additions (as edited by Steve and Hannah) have been added, Elana's changes have been accepted and supras have been corrected (b) (6)

Samsung.

Let me know...I'll check my

Beth

<< File: Predictive Analytics - DRAFT 11.13.14 515pm.docx >>

## **Elizabeth Parr Hecker**

From:	Hecker, Elizabeth (OLP)
Sent:	Friday, November 14, 2014 5:30 PM
То:	Tyrangiel, Elana (OLP); Siger, Steven B. (OLP); Krulic, Alexander (OLP); Pazur,
	Shannon (OLP)
Subject:	Predictive Analytics - Line Edits
Attachments:	Predictive Analytics - Draft Nov 14 EPH SMP line edits 2.docx

Beth

## Elizabeth Parr Hecker

From:	Tyrangiel, Elana (OLP)
Sent:	Friday, November 14, 2014 6:26 PM
То:	Brinkley, Winnie (ODAG)
Cc:	Lan, Iris (ODAG); Walsh, James (ODAG); Brown Lee, Erika (ODAG); Gauhar,
	Tashina (ODAG); Siger, Steven B. (OLP); Krulic, Alexander (OLP)
Subject:	Materials for the DAG
Attachments:	Cover Letter - Draft 11 14 14.docx; MEMORANDUM 3.docx; Predictive Analytics -
	Draft Nov 14 FINAL.docx; PREDICTIVE ANALYTICS PACKAGE.pdf

Winnie, attached are the materials I mentioned.

The PDF document has the complete package.

I've attached Word versions of the component parts, in the event anyone needs them.

Thanks so much

Elana

From:	Tyrangiel, Elana (OLP)
Sent:	Wednesday, November 19, 2014 4:03 PM
To:	kate_e_heinzelman@who.eop.gov
Cc:	Krulic, Alexander (OLP)
Subject:	Predictive Analytics
Attachments:	Predictive Analytics - FINAL.pdf; Predictive Analytics Cover Memo.pdf

Kate, attached please find a cover memo and a report on predictive analytics (b) (5)

Thanks, Elana

Krulic, Alexander (OLP)
Wednesday, November 19, 2014 4:46 PM
Hecker, Elizabeth (OLP); Pazur, Shannon (OLP); Siger, Steven B. (OLP); Fried,
Hannah (OLP)
Predictive Analytics
Predictive Analytics - FINAL.pdf

Final copy of the Predictive Analytics paper attached! Elana just sent it to WHCO.

Thank you for all of your great work!

Alex