

**From:** Balcom, Ian N.  
**To:** [Zaikowski, John](mailto:John.Zaikowski@vermont.gov)  
**Subject:** Re: EO 13-17 - CAP Comment on draft Recommendations  
**Date:** Wednesday, May 02, 2018 3:11:56 PM  
**Attachments:** [BalcomComments on ICCM Task 3 Proposed Recommendations.docx](#)

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Please see attached.

Ian Balcom, PhD

Associate Professor,  
Environmental Toxicology and Chemistry,  
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Northern Vermont University - Lyndon  
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Lyndonville, Vermont 05851  
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On May 1, 2018, at 8:33 AM, Zaikowski, John <[John.Zaikowski@vermont.gov](mailto:John.Zaikowski@vermont.gov)> wrote:

Everyone – a reminder to send me any comments you have on the ICCM’s draft recommendations by the end of the day tomorrow (Wednesday, May 2). Thanks,

John.

John Zaikowski, Esq.  
Agency of Natural Resources, Office of General Counsel  
Enforcement & Litigation Section Chief  
1 National Life Drive, Davis 2  
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**From:** Zaikowski, John  
**Sent:** Wednesday, April 18, 2018 9:49 AM  
**To:** Dent, Marcella <[Marcella.Dent@vermont.gov](mailto:Marcella.Dent@vermont.gov)>; 'ian.balcom@lyndonstate.edu' <[ian.balcom@lyndonstate.edu](mailto:ian.balcom@lyndonstate.edu)>; 'rbibens@bibens.com' <[rbibens@bibens.com](mailto:rbibens@bibens.com)>;

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**Subject:** EO 13-17 - CAP Comment on draft Recommendations

Everyone – attached please find the following documents as they relate to each task in the EO for review and comment:

- For EO Section III(A)(2):
  - ICCM Chemical Reporting System User Stories Overview
  - ICCM CAP Chemical Reporting System Presentation
  - ICCM Chemical Reporting System Architecture
  - ICCM Chemical Reporting System Outline
- For EO Section III(A)(3):
  - ICCM Task 3 Proposed Recommendation
- For EO Section III(A)(4)
  - TURA Subgroup EO III(A)(4) Recommendations – Clean Copy

Some of these materials were provided prior to the April 11 meeting, others have been added as discussed at the meeting.

I've also attached a revised timeline on the CAP comment process for reference. The only change between this and the earlier version is an extension to this round of CAP comments – which has been extended to May 2.

Please provide any comments and feedback you have on the draft recommendations to me no later than Wednesday, May 2, 2018, and I will compile them for the ICCM's review. If you have any questions about the process or the attached materials, let me know. Thanks,

John.

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Enforcement & Litigation Section Chief  
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**From:** [Zaikowski, John](#)  
**To:** "[Hirtz, Deborah](#)"  
**Subject:** RE: EO 13-17 - CAP Comment on draft Recommendations  
**Date:** Thursday, April 26, 2018 11:46:00 AM

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Deborah – thanks for your comments/questions. This may be too much detail at the moment for me to obtain. I think it may be best to have the committee consider your questions when it reconvenes and moves towards further clarifying and finalizing its recommendations.

John.

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**From:** Hirtz, Deborah <Deborah.Hirtz@uvmhealth.org>  
**Sent:** Wednesday, April 25, 2018 4:22 PM  
**To:** Zaikowski, John <John.Zaikowski@vermont.gov>  
**Subject:** RE: EO 13-17 - CAP Comment on draft Recommendations

Hi John,

I have some questions related to the recommendations from the ICCM technical group- Tura subgroup recommendations. Under G in other state programs, I would like to know who is on the governing body ( similar to the ICCM) that designates the chemicals and appropriate thresholds, and who would be on the scientific advisory board that makes recommendations on designation, alternatives and risks using specific processes. Also- who would be on the stakeholder committee, and clarification on the vote – what does it mean that it goes "through" a stakeholder committee- who has final decision making authority?.

Its fine if this is to be addressed later and this is too much detail to ask for now. But I just wanted to raise my questions as the expertise of the deciders and objectivity of the scientific process is of course important.

Thanks for considering!

Best,

Deborah

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[Deborah.Hirtz@uvmhealth.org](mailto:Deborah.Hirtz@uvmhealth.org)

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**From:** Zaikowski, John <[John.Zaikowski@vermont.gov](mailto:John.Zaikowski@vermont.gov)>  
**Sent:** Wednesday, April 18, 2018 9:49 AM  
**To:** Dent, Marcella <[Marcella.Dent@vermont.gov](mailto:Marcella.Dent@vermont.gov)>; [ian.balcom@lyndonstate.edu](mailto:ian.balcom@lyndonstate.edu);  
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**Subject:** EO 13-17 - CAP Comment on draft Recommendations

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John.

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**From:** [Telep, Peter](#)  
**To:** [Zaikowski, John](#)  
**Subject:** FW: Comments on ICCM reporting system recommendation?  
**Date:** Thursday, May 03, 2018 10:56:52 AM

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Barb Patterson sent me comments if you'd like to collect them.

Thanks, PJ

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**From:** Barbara Patterson <bpatterson@stone-env.com>  
**Sent:** Thursday, May 3, 2018 10:51 AM  
**To:** Telep, Peter <Peter.Telep@vermont.gov>  
**Subject:** Re: Comments on ICCM reporting system recommendation?

Hi PJ – Thanks for reaching out and I apologize for not commenting! I was away on vaca and am still playing catch up. I did spend some time on Tuesday reviewing the documents. I wish I had been able to make the 4/11 meeting as I think I'd feel in a better position to comment - some of my questions\comments were likely addressed then. Here they are:

1. Regarding the ETL process and local agency databases: It seems that the task of “Data standardization required to facilitate chemical reporting data warehouse” in of itself is a huge project. Can this be done without making changes or upgrades to existing agency databases? It seems that identifying which agency databases can or can't be integrated and which will need upgrading should be identified and\or considered.
2. Cost...the cost table in the power point isn't readable. I'm not really clear on how much this has been flushed out? I did see that cost estimates have been identified as a next step. It seems important to have some cost framework at this point and ideally, high level estimates for different components of the overall system.
3. I'm wondering if there was consideration given to recommending that the system be developed in phases and that the state not undertake development of this whole system at one time? Perhaps first developing the internal state system, then the interface and forms platform for regulated business, and then later the public interface.
4. Overall, I think that the data gathering process and LEAN event were really informative (I have not been through LEAN training or a LEAN event previously). The recommendations are detailed and useful, although I think there should be some prioritization. As they are presented, all recommendations seem to be given equal weight.

Hopefully this is somewhat helpful. Let me know if you have any questions!

Thanks,

Barb

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**From:** "Telep, Peter" <[Peter.Telep@vermont.gov](mailto:Peter.Telep@vermont.gov)>  
**Date:** Thursday, May 3, 2018 at 9:40 AM  
**To:** Barbara Patterson <[bpatterson@stone-env.com](mailto:bpatterson@stone-env.com)>  
**Subject:** Comments on ICCM reporting system recommendation?

Hi Barb,

I'm just reaching out to see if you have any comments regarding the ICCM reporting system recommendation? You were not at the last CAP meeting so I wanted to make sure you had an opportunity to provide input. A phone call would be fine too.

Thanks, PJ

Peter Telep | ANR Director of Digital Services  
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**From:** Adam Rainville  
**To:** [Zaikowski, John](#)  
**Subject:** RE: EO 13-17 - CAP Comment on draft Recommendations  
**Date:** Wednesday, May 02, 2018 3:31:51 PM

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Good Afternoon John,

After reviewing all the information provided, I have one comment regarding the Chemical Reporting System Recommendation.

From the regulated community perspective, I feel it is important that the system will provide a full disclosure of who will have access to what data.

- This would include which agencies are using the data and what data will be publicly available.
  - This provides a company with the information to better understand which agencies handle their data
  - A company can be more aware of how changing agency specific regulations may affect their business.
  - Providing guidance on what information becomes public can help a company in multiple ways.
    - It provides a company the opportunity to know what information other competing companies can access.
    - It allows time for a company to have a more detailed and accurate response ready for customer service if someone from the public calls to inquire.
- The company may also decide that the chemical is not essential and eliminate it altogether.

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**From:** Zaikowski, John <John.Zaikowski@vermont.gov>  
**Sent:** Tuesday, May 1, 2018 8:34 AM  
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**From:** Zaikowski, John

**Sent:** Wednesday, April 18, 2018 9:49 AM

**To:** Dent, Marcella <[Marcella.Dent@vermont.gov](mailto:Marcella.Dent@vermont.gov)>; 'ian.balcom@lyndonstate.edu' <[ian.balcom@lyndonstate.edu](mailto:ian.balcom@lyndonstate.edu)>; 'rbibens@bibens.com' <[rbibens@bibens.com](mailto:rbibens@bibens.com)>; Boccuzzo, Linda <[Linda.Boccuzzo@vermont.gov](mailto:Linda.Boccuzzo@vermont.gov)>; 'tmc@evergreen-environmental.com' <[tmc@evergreen-environmental.com](mailto:tmc@evergreen-environmental.com)>; Clark, Karen <[Karen.Clark@vermont.gov](mailto:Karen.Clark@vermont.gov)>; Cosgrove, Todd <[Todd.Cosgrove@vermont.gov](mailto:Todd.Cosgrove@vermont.gov)>; Dolan, Tracy <[Tracy.Dolan@vermont.gov](mailto:Tracy.Dolan@vermont.gov)>; 'wolfgang.dostmann@uvm.edu' <[wolfgang.dostmann@uvm.edu](mailto:wolfgang.dostmann@uvm.edu)>; Edwards, Wendy <[Wendy.Edwards@vermont.gov](mailto:Wendy.Edwards@vermont.gov)>; Giguere, Cary <[Cary.Giguere@vermont.gov](mailto:Cary.Giguere@vermont.gov)>; Gonda, Jordan <[Jordan.Gonda@vermont.gov](mailto:Jordan.Gonda@vermont.gov)>; 'jgroveman@vnrc.org' <[jgroveman@vnrc.org](mailto:jgroveman@vnrc.org)>; Herrick, Christopher <[Christopher.Herrick@vermont.gov](mailto:Christopher.Herrick@vermont.gov)>; 'deborah.hirtz@uvmhealth.org' <[deborah.hirtz@uvmhealth.org](mailto:deborah.hirtz@uvmhealth.org)>; Kelley, Ernie <[Ernie.Kelley@vermont.gov](mailto:Ernie.Kelley@vermont.gov)>; Kenney, Justin <[Justin.Kenney@vermont.gov](mailto:Justin.Kenney@vermont.gov)>; 'ruma.kohli@globalfoundries.com' <[ruma.kohli@globalfoundries.com](mailto:ruma.kohli@globalfoundries.com)>; Metcalf, Lynn <[Lynn.Metcalf@vermont.gov](mailto:Lynn.Metcalf@vermont.gov)>; Meyer, Scott <[Scott.Meyer@vermont.gov](mailto:Scott.Meyer@vermont.gov)>; Mock, Casey <[Casey.Mock@vermont.gov](mailto:Casey.Mock@vermont.gov)>; Nelson, Vernon <[Vernon.Nelson@vermont.gov](mailto:Vernon.Nelson@vermont.gov)>; O'Brien, Bridget <[Bridget.O'Brien@vermont.gov](mailto:Bridget.O'Brien@vermont.gov)>; 'bindu.panikkar@uvm.edu' <[bindu.panikkar@uvm.edu](mailto:bindu.panikkar@uvm.edu)>; 'bpatterson@stone-env.com'

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**Subject:** EO 13-17 - CAP Comment on draft Recommendations

Everyone – attached please find the following documents as they relate to each task in the EO for review and comment:

- For EO Section III(A)(2):
  - ICCM Chemical Reporting System User Stories Overview
  - ICCM CAP Chemical Reporting System Presentation
  - ICCM Chemical Reporting System Architecture
  - ICCM Chemical Reporting System Outline
- For EO Section III(A)(3):
  - ICCM Task 3 Proposed Recommendation
- For EO Section III(A)(4)
  - TURA Subgroup EO III(A)(4) Recommendations – Clean Copy

Some of these materials were provided prior to the April 11 meeting, others have been added as discussed at the meeting.

I've also attached a revised timeline on the CAP comment process for reference. The only change between this and the earlier version is an extension to this round of CAP comments – which has been extended to May 2.

Please provide any comments and feedback you have on the draft recommendations to me no later than Wednesday, May 2, 2018, and I will compile them for the ICCM's review. If you have any questions about the process or the attached materials, let me know. Thanks,

John.

John Zaikowski, Esq.  
Agency of Natural Resources, Office of General Counsel  
Enforcement & Litigation Section Chief  
1 National Life Drive, Davis 2  
Montpelier, VT 05620-3901

(802) 522-5438

**From:** Wignall, Jessica  
**To:** [Zaikowski, John](#)  
**Cc:** [Wignall, Jessica](#)  
**Subject:** RE: EO 13-17 - CAP Comment on draft Recommendations  
**Date:** Wednesday, May 02, 2018 11:13:41 PM  
**Attachments:** [ICCM Task 3 Proposed Recommendation Wignall.docx](#)  
[ICCM Chemical Reporting System Outline Wignall.docx](#)  
[ICCM Chemical Reporting System User Stories Overview Wignall.pdf](#)

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Hi John,

Please see attached for some comments for your team's review. I do not have comments on the other materials at this time. Please let me know if you have trouble with any of the attachments, and thank you for the additional time!

Best,  
Jessica

Jessica Wignall  
802-264-3702 (o)  
757-218-7362 (m)

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**From:** Zaikowski, John <John.Zaikowski@vermont.gov>  
**Sent:** Wednesday, April 18, 2018 9:49 AM  
**To:** Dent, Marcella <Marcella.Dent@vermont.gov>; ian.balcom@lyndonstate.edu; rbibens@bibens.com; Boccuzzo, Linda <Linda.Boccuzzo@vermont.gov>; tmc@evergreen-environmental.com; Clark, Karen <Karen.Clark@vermont.gov>; Cosgrove, Todd <Todd.Cosgrove@vermont.gov>; Dolan, Tracy <Tracy.Dolan@vermont.gov>; wolfgang.dostmann@uvm.edu; Edwards, Wendy <Wendy.Edwards@vermont.gov>; Giguere, Cary <Cary.Giguere@vermont.gov>; Gonda, Jordan <Jordan.Gonda@vermont.gov>; jgroveman@vnrc.org; Herrick, Christopher <Christopher.Herrick@vermont.gov>; deborah.hirtz@uvmhealth.org; Kelley, Ernie <Ernie.Kelley@vermont.gov>; Kenney, Justin <Justin.Kenney@vermont.gov>; ruma.kohli@globalfoundries.com; Metcalf, Lynn <Lynn.Metcalf@vermont.gov>; Meyer, Scott <Scott.Meyer@vermont.gov>; Mock, Casey <Casey.Mock@vermont.gov>; Nelson, Vernon <Vernon.Nelson@vermont.gov>; O'Brien, Bridget <Bridget.O'Brien@vermont.gov>; bindu.panikkar@uvm.edu; bpatterson@stone-env.com; adam@maplelandmark.com; krumelt@vermontlaw.edu; Schwer, Chuck <Chuck.Schwer@vermont.gov>; Clark, Mary <Mary.Clark@vermont.gov>; Elliott, Doug <Doug.Elliott@vermont.gov>; Fekert, Dennis <Dennis.Fekert@vermont.gov>; Greenwood, Kim <Kim.Greenwood@vermont.gov>; Hales, Heidi <Heidi.Hales@vermont.gov>; Jamieson, Cathy <Cathy.Jamieson@vermont.gov>; Kamman, Neil <Neil.Kamman@vermont.gov>; Kathan, Kasey <Kasey.Kathan@vermont.gov>; Levey, Rick <Rick.Levey@vermont.gov>; Merrell, Jeff <Jeff.Merrell@vermont.gov>; Motard-Cote, Jessie <Jessie.MotardCote@vermont.gov>; O'Toole, Megan <Megan.OToole@vermont.gov>; ParrDoering, Ellen <Ellen.ParrDoering@vermont.gov>; Redmond, Bryan <Bryan.Redmond@vermont.gov>; Roy, Marc <Marc.Roy@vermont.gov>; Simoes, Steve <Steve.Simoes@vermont.gov>; Telep, Peter <Peter.Telep@vermont.gov>; Twohig, Eamon <Eamon.Twohig@vermont.gov>; Vose, Sarah <Sarah.Vose@vermont.gov>; Walke, Peter

<Peter.Walke@vermont.gov>; Wignall, Jessica <Jessica.Wignall@icf.com>; Wuestenberg, Tami <Tami.Wuestenberg@vermont.gov>

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John.

John Zaikowski, Esq.  
Agency of Natural Resources, Office of General Counsel  
Enforcement & Litigation Section Chief  
1 National Life Drive, Davis 2  
Montpelier, VT 05620-3901  
(802) 522-5438

**From:** Wolf, Martin  
**To:** [Zaikowski, John](#)  
**Subject:** RE: EO 13-17 - Comment on draft Recommendations  
**Date:** Wednesday, May 02, 2018 12:51:43 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

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Dear John:

Thank you for the opportunity to comment on the ICCM's draft recommendations for implementation of EO 13-17.

Seventh Generation appreciates the process by which the recommendations were developed, and the comprehensive integration of Federal and state chemical reporting requirements into a single, publicly accessible database. We have no recommendations beyond encouragement to proceed to the next steps in implementation of EO 13-17 and of the ICCM's recommendations.

Sincerely,

Martin Wolf  
Director, Sustainability & Authenticity  
Seventh Generation, Inc.  
60 Lake Street  
Burlington, VT 05401  
Office: 802-540-3791



---

**From:** Zaikowski, John [mailto:John.Zaikowski@vermont.gov]  
**Sent:** Tuesday, May 01, 2018 8:35 AM  
**To:** acdemag@vtlobbyists.com; Anne.burmeister@ppnne.org; Annette Smith <vce@vce.org>; apage@cabotcheese.com; Boccuzzo, Linda <Linda.Boccuzzo@vermont.gov>; Erin Sigrist <erin@vtrga.org>; Heather Shouldice <heather@wsavt.com>; james@champlain.ngo; jchoquette@drm.com; Johanna <jdegraffenreid@vpirg.org>; John Berino <john.berino@uvmhealth.org>; John Brabant <johnbvce@yahoo.com>; lauren@vermontconservationvoters.org; Marc.Colety@Mack.com; matt@mmrvt.com; Wolf, Martin <Martin.Wolf@seventhgeneration.com>; mikeschade@saferchemicals.org; mitchk@burton.com; natsh@myfairpoint.net; nick@ksepartners.com; pburns@vpirg.org; shaina@toxicsaction.org; Tess Kennedy <tess@wsavt.com>; Warren Coleman <warren@mmrvt.com>; wdriscoll@aivt.org; whitaker.stephen@gmail.com

**Subject:** RE: EO 13-17 - Comment on draft Recommendations

Everyone – a reminder to send me any comments you have on the ICCM’s draft recommendations by the end of the day tomorrow (Wednesday, May 2). Thanks,

John.

John Zaikowski, Esq.  
Agency of Natural Resources, Office of General Counsel  
Enforcement & Litigation Section Chief  
1 National Life Drive, Davis 2  
Montpelier, VT 05620-3901  
(802) 522-5438

---

**From:** Zaikowski, John

**Sent:** Wednesday, April 18, 2018 10:31 AM

**To:** 'acdemag@vtlobbyists.com' <[acdemag@vtlobbyists.com](mailto:acdemag@vtlobbyists.com)>; 'Anne.burmeister@ppnne.org' <[Anne.burmeister@ppnne.org](mailto:Anne.burmeister@ppnne.org)>; 'Annette Smith' <[vce@vce.org](mailto:vce@vce.org)>; 'apage@cabotcheese.com' <[apage@cabotcheese.com](mailto:apage@cabotcheese.com)>; Boccuzzo, Linda <[Linda.Boccuzzo@vermont.gov](mailto:Linda.Boccuzzo@vermont.gov)>; 'Erin Sigrist' <[erin@vtrga.org](mailto:erin@vtrga.org)>; 'Heather Shouldice' <[heather@wsavt.com](mailto:heather@wsavt.com)>; 'james@champlain.ngo' <[james@champlain.ngo](mailto:james@champlain.ngo)>; 'jchoquette@drm.com' <[jchoquette@drm.com](mailto:jchoquette@drm.com)>; 'Johanna ' <[jdegraffenreid@vpirg.org](mailto:jdegraffenreid@vpirg.org)>; 'John Berino' <[john.berino@uvmhealth.org](mailto:john.berino@uvmhealth.org)>; 'John Brabant' <[johnbvce@yahoo.com](mailto:johnbvce@yahoo.com)>; 'lauren@vermontconservationvoters.org' <[lauren@vermontconservationvoters.org](mailto:lauren@vermontconservationvoters.org)>; 'Marc.Colety@Mack.com' <[Marc.Colety@Mack.com](mailto:Marc.Colety@Mack.com)>; 'matt@mmrvt.com' <[matt@mmrvt.com](mailto:matt@mmrvt.com)>; 'mhw@seventhgeneration.com' <[mhw@seventhgeneration.com](mailto:mhw@seventhgeneration.com)>; 'mikeschade@saferchemicals.org' <[mikeschade@saferchemicals.org](mailto:mikeschade@saferchemicals.org)>; 'mitchk@burton.com' <[mitchk@burton.com](mailto:mitchk@burton.com)>; 'natsh@myfairpoint.net' <[natsh@myfairpoint.net](mailto:natsh@myfairpoint.net)>; 'nick@ksepartners.com' <[nick@ksepartners.com](mailto:nick@ksepartners.com)>; 'pburns@vpirg.org' <[pburns@vpirg.org](mailto:pburns@vpirg.org)>; 'shaina@toxicsaction.org' <[shaina@toxicsaction.org](mailto:shaina@toxicsaction.org)>; 'Tess Kennedy' <[tess@wsavt.com](mailto:tess@wsavt.com)>; 'Warren Coleman' <[warren@mmrvt.com](mailto:warren@mmrvt.com)>; 'wdriscoll@aivt.org' <[wdriscoll@aivt.org](mailto:wdriscoll@aivt.org)>; 'whitaker.stephen@gmail.com' <[whitaker.stephen@gmail.com](mailto:whitaker.stephen@gmail.com)>

**Subject:** EO 13-17 - Comment on draft Recommendations

Everyone – Jen Duggan has moved on from her position with ANR, and I have taken over her role in assisting the ICCM through its tasks in EO 13-17. The ICCM has been developing draft recommendations to address the charges in the EO, and on April 11, 2018, the ICCM met with the CAP to outline its initial draft recommendations. I think something may have been lost in the transition between Jen and myself as far as meeting notices for you as interested parties, as I wasn’t involved in setting up this past meeting or sending out the invites. The invite was inadvertently not extended to you - my apologies.

Prior to that meeting, we provided the CAP with written materials addressing draft recommendations under EO Sections 2 and 4 (the unified system and TURA), but did not have EO Section 3 recommendations ready in written form. The unified system recommendations also had some supplemental information that still needed to be included. All three of those sections were generally discussed at the meeting, with the understanding that the complete set of draft recommendations would be sent out the following week for review and comment.



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Please provide any comments and feedback you have on the draft recommendations to me no later than Wednesday, May 2, 2018, and I will compile them for the ICCM's review. My apologies again for the April 11 meeting invitation oversight. If you have any questions about the process or the attached materials, let me know. Thanks,

John.

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