Message

**From**: Gwinn, Maureen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4BDC5237A5C440A7B664518E23EB5647-GWINN, MAUREEN]
on behalf of Kavlock, Robert [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EEBAC67F01094409A7FDAA955A837884-KAVLOCK, ROBERT]
**Sent**: 9/14/2016 2:05:05 AM
**To**: Kavlock, Robert [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eebac67f01094409a7fdaa955a837884-Kavlock, Robert]; Ross, Mary [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=98359cd1f66f46ec91d327e99a3c6909-Ross, Mary]; 'kerry.nugent@nicnas.gov.au' [kerry.nugent@nicnas.gov.au]; Morris, Jeff [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=55c34872e6ea40cab78be910aec63321-Morris, Jeff]; tara.bartonmaclaren@hc-sc.gc.ca [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c425d09ee9e6481bb6635585f3b16ead-tara.bartonmaclaren@hc-sc.gc.ca]; Bahadori, Tina [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; 'Mike.RASENBERG@echa.europa.eu' [Mike.RASENBERG@echa.europa.eu]; 'Jean-Lou.DORNE@efsa.europa.eu' [Jean-Lou.DORNE@efsa.europa.eu]; Henry, Tala [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8bfc0a617a4a43baa8856541c70622be-THENRY02]; 'kenneth_lee@bmsi.a-star.edu.sg' [kenneth_lee@bmsi.a-star.edu.sg]; 'Lidka.Maslankiewicz@rivm.nl' [Lidka.Maslankiewicz@rivm.nl]; 'Christine.norman@hc-sc.gc.ca' [Christine.norman@hc-sc.gc.ca]; 'Lynn.berndt-weis@hc-sc.gc.ca' [Lynn.berndt-weis@hc-sc.gc.ca]; matthew.gagne@hc-sc.gc.ca [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88998b7a7d9949a18c8563c3457b8ac4-matthew.gagne@hc-sc.gc.ca]; 'Bjorn.Hansen@ec.europa.eu' [Bjorn.Hansen@ec.europa.eu]; 'Derek.KNIGHT@echa.europa.eu' [Derek.KNIGHT@echa.europa.eu]; 'Niklas.ANDERSSON@echa.europa.eu' [Niklas.ANDERSSON@echa.europa.eu]; 'jukka.malm@echa.europa.eu' [jukka.malm@echa.europa.eu]; 'Andrea.TERRON@efsa.europa.eu' [Andrea.TERRON@efsa.europa.eu]; 'Djien.Liem@efsa.europa.eu' [Djien.Liem@efsa.europa.eu]; maurice.whelan@ec.europa.eu [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0500c1c3152c4910b7dbca54d6d13d4d-maurice.whelan@ec.europa.eu]; 'Bob.DIDERICH@oecd.org' [Bob.DIDERICH@oecd.org]; 'Eeva.Leinala@oecd.org' [Eeva.Leinala@oecd.org]; 'Philippe.hubert@ineris.fr' [Philippe.hubert@ineris.fr]; 'joli@sahtech.org' [joli@sahtech.org]; 'hohojoong@hanmail.net' [hohojoong@hanmail.net]; 'KUNIHIKO_YAMAZAKI@env.go.jp' [KUNIHIKO_YAMAZAKI@env.go.jp]; 'jkanno@hh.iij4u.or.jp' [jkanno@hh.iij4u.or.jp]; 'cleanair@snu.ac.kr' [cleanair@snu.ac.kr]; bucher@niehs.nih.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c421f94a4d20447ca67ed6ab9ee8b03a-bucher@niehs.nih.gov]; Burke, Thomas [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=39ffc3dd34ea495b9a31e61b778fbbec-Burke, Thom]; Jones, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c32c4b9347004778b0a93a4cbd83fc8a-JJONES1]; Dix, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c8006c73e3d34ba4af6bf16c1e85fda7-Dix, David]; Thomas, Russell [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=12f119e7a3ee447499f3d6ab5d20daeb-Thomas, Rus]; Lowit, Anna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1d3428a2c0b84d5099124a0460babd53-Anna B. Lowit]; Sappington, Keith [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c95ed87b01241a5addbe88fa4257f6c-Keith G Sappington]; Barone, Stan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4f8618acbba418da24c110f3123a2af-Barone, Stan]; Dix, David (NIH/NCATS) [V] [david.dix@nih.gov]; Vandenberg, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; Deener, Kathleen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]; 'taiseni@hotmail.co.jp' [taiseni@hotmail.co.jp]; 'jose.tarazona@efsa.europa.eu' [jose.tarazona@efsa.europa.eu]; warren.casey@nih.gov [/o=ExchangeLabs/ou=Exchange Administrative Group

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**Subject**: RE: Accelerating the Pace of Chemical Risk Assessment Workshop: Final Materials email 2

**Attachments**: Day1_1_Nugent.pdf; Day1_2_Barton-Maclaren.pdf; Day1_3_Rasenberg.pdf; Day1_5_Hubert.pdf; Day1_6_KannoIguchi.pdf; Day1_7_KiyoungLee.pdf; Day1_8_Lin.pdf; Day1_9_Lee.pdf; Day1_10_Diderich.pdf; Day1_11_Morris.pdf; Day1_12_Barone.pdf; Day1_13_Solomon.pdf; Day2_1_Bucher.pdf; Day2_3_Gagne.pdf; Day2_3_Gagne.xlsx

Maureen R. Gwinn, PhD DABT ATS
Special Assistant/IOAA

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**From:** Gwinn, Maureen **On Behalf Of** Kavlock, Robert
**Sent:** Tuesday, September 13, 2016 9:56 PM
**To:** Kavlock, Robert <Kavlock.Robert@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; 'kerry.nugent@nicnas.gov.au' <kerry.nugent@nicnas.gov.au>; Morris, Jeff <Morris.Jeff@epa.gov>; tara.bartonmaclaren@hc-sc.gc.ca; Bahadori, Tina <Bahadori.Tina@epa.gov>; 'Mike.RASENBERG@echa.europa.eu' <Mike.RASENBERG@echa.europa.eu>; 'Jean-Lou.DORNE@efsa.europa.eu' <Jean-Lou.DORNE@efsa.europa.eu>; Henry, Tala <Henry.Tala@epa.gov>; 'kenneth_lee@bmsi.a-star.edu.sg' <kenneth_lee@bmsi.a-star.edu.sg>; 'Lidka.Maslankiewicz@rivm.nl' <Lidka.Maslankiewicz@rivm.nl>; 'Christine.norman@hc-sc.gc.ca' <Christine.norman@hc-sc.gc.ca>; 'Lynn.berndt-weis@hc-sc.gc.ca' <Lynn.berndt-weis@hc-sc.gc.ca>; matthew.gagne@hc-sc.gc.ca; 'Bjorn.Hansen@ec.europa.eu' <Bjorn.Hansen@ec.europa.eu>; 'Derek.KNIGHT@echa.europa.eu' <Derek.KNIGHT@echa.europa.eu>; 'Niklas.ANDERSSON@echa.europa.eu' <Niklas.ANDERSSON@echa.europa.eu>; 'jukka.malm@echa.europa.eu' <jukka.malm@echa.europa.eu>; 'Andrea.TERRON@efsa.europa.eu' <Andrea.TERRON@efsa.europa.eu>; 'Djien.Liem@efsa.europa.eu' <Djien.Liem@efsa.europa.eu>; maurice.whelan@ec.europa.eu; 'Bob.DIDERICH@oecd.org' <Bob.DIDERICH@oecd.org>; 'Eeva.Leinala@oecd.org' <Eeva.Leinala@oecd.org>; 'Philippe.hubert@ineris.fr' <Philippe.hubert@ineris.fr>; 'joli@sahtech.org' <joli@sahtech.org>; 'hohojoong@hanmail.net' <hohojoong@hanmail.net>; 'KUNIHIKO_YAMAZAKI@env.go.jp' <KUNIHIKO_YAMAZAKI@env.go.jp>; 'jkanno@hh.iij4u.or.jp' <jkanno@hh.iij4u.or.jp>; 'cleanair@snu.ac.kr' <cleanair@snu.ac.kr>; bucher@niehs.nih.gov; Burke, Thomas <Burke.Thomas@epa.gov>; Jones, Jim <Jones.Jim@epa.gov>; Dix, David <Dix.David@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Lowit, Anna <Lowit.Anna@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>; Barone, Stan <Barone.Stan@epa.gov>; Dix, David (NIH/NCATS) [V] <david.dix@nih.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Deener, Kathleen <Deener.Kathleen@epa.gov>; ' Personal Email / Ex. 6 ; 'jose.tarazona@efsa.europa.eu' <jose.tarazona@efsa.europa.eu>; warren.casey@nih.gov; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Chan Chun Yong, Eric <phaccye@nus.edu.sg>; Kenneth Lee <mail.kennethlee@gmail.com>; 'chuan_peiying@a-

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**Cc:** 'Worden, Katherine' <Katherine.Worden@icfi.com>; Thomas, Laura <Laura.Thomas@icfi.com>; kim.osborn@icfi.com; Tracy, Tom <Tracy.Tom@epa.gov>
**Subject:** Accelerating the Pace of Chemical Risk Assessment Workshop: Final Materials email 1

Dear Colleagues,

I am really looking forward to a unique and hopefully transformational workshop tomorrow. Attached are the final agenda and updated materials, along with the presentations received to date.

As a reminder, a printed copy of the agenda, abstracts, participant list and pre-meeting regulatory information will be provided to all attendees tomorrow.

Due to the size of the presentation files, I will be sending those in a second email. If you do not receive those, we can share them with you tomorrow onsite.

Bob

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**From:** Gwinn, Maureen **On Behalf Of** Kavlock, Robert
**Sent:** Thursday, September 08, 2016 6:20 PM
**To:** Ross, Mary <Ross.Mary@epa.gov>; 'kerry.nugent@nicnas.gov.au' <kerry.nugent@nicnas.gov.au>; Morris, Jeff <Morris.Jeff@epa.gov>; tara.bartonmaclaren@hc-sc.gc.ca; Bahadori, Tina <Bahadori.Tina@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; 'Mike.RASENBERG@echa.europa.eu' <Mike.RASENBERG@echa.europa.eu>; 'Jean-Lou.DORNE@efsa.europa.eu' <Jean-Lou.DORNE@efsa.europa.eu>; Henry, Tala <Henry.Tala@epa.gov>; 'kenneth_lee@bmsi.a-star.edu.sg' <kenneth_lee@bmsi.a-star.edu.sg>; 'Lidka.Maslankiewicz@rivm.nl' <Lidka.Maslankiewicz@rivm.nl>; 'Christine.norman@hc-sc.gc.ca' <Christine.norman@hc-sc.gc.ca>; 'Lynn.berndt-weis@hc-sc.gc.ca' <Lynn.berndt-weis@hc-sc.gc.ca>; matthew.gagne@hc-sc.gc.ca; 'Bjorn.Hansen@ec.europa.eu' <Bjorn.Hansen@ec.europa.eu>; 'Derek.KNIGHT@echa.europa.eu' <Derek.KNIGHT@echa.europa.eu>; 'Niklas.ANDERSSON@echa.europa.eu' <Niklas.ANDERSSON@echa.europa.eu>; 'jukka.malm@echa.europa.eu' <jukka.malm@echa.europa.eu>; 'Andrea.TERRON@efsa.europa.eu' <Andrea.TERRON@efsa.europa.eu>; 'Djien.Liem@efsa.europa.eu' <Djien.Liem@efsa.europa.eu>; maurice.whelan@ec.europa.eu; 'Bob.DIDERICH@oecd.org' <Bob.DIDERICH@oecd.org>; 'Eeva.Leinala@oecd.org' <Eeva.Leinala@oecd.org>; 'Philippe.hubert@ineris.fr' <Philippe.hubert@ineris.fr>; 'joli@sahtech.org' <joli@sahtech.org>; 'hohojoong@hanmail.net' <hohojoong@hanmail.net>; 'KUNIHIKO_YAMAZAKI@env.go.jp' <KUNIHIKO_YAMAZAKI@env.go.jp>; 'jkanno@hh.iij4u.or.jp' <jkanno@hh.iij4u.or.jp>; 'cleanair@snu.ac.kr' <cleanair@snu.ac.kr>; bucher@niehs.nih.gov; Burke, Thomas <Burke.Thomas@epa.gov>; Jones, Jim <Jones.Jim@epa.gov>; Dix, David <Dix.David@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Lowit, Anna <Lowit.Anna@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>; Barone, Stan <Barone.Stan@epa.gov>; Dix, David (NIH/NCATS) [V] <david.dix@nih.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Deener, Kathleen <Deener.Kathleen@epa.gov>; Personal Email / Ex. 6 ; 'jose.tarazona@efsa.europa.eu' <jose.tarazona@efsa.europa.eu>; warren.casey@nih.gov; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; Chan Chun Yong, Eric <phaccye@nus.edu.sg>; Kenneth Lee <mail.kennethlee@gmail.com>; 'chuan_peiying@a-star.edu.sg' <chuan_peiying@a-star.edu.sg>; 'horie-masashi@nite.go.jp' <horie-masashi@nite.go.jp>; Flowers, Lynn <Flowers.Lynn@epa.gov>; 'chem6778@korea.kr' <chem6778@korea.kr>; 'ifanger@korea.kr' <ifanger@korea.kr>; 'yukyung@naver.com' <yukyung@naver.com>; Personal Email / Ex. 6 'Babich, Michael' <MBabich@cpsc.gov>; Chang, Daniel <chang.daniel@epa.gov>; Markey, Kristan <Markey.Kristan@epa.gov>; 'Solomon, Gina@EPA' <Gina.Solomon@calepa.ca.gov>

**Cc:** Kavlock, Robert <Kavlock.Robert@epa.gov>
**Subject:** Accelerating the Pace of Chemical Risk Assessment Workshop: Materials and final updated information

Dear Colleagues –

Thank you for your continued enthusiasm for the upcoming workshop on September 14-15, 2016. We look forward to seeing you, and to the opportunity for open, frank, thought provoking, and constructive discussion on accelerating the pace of risk assessment. I am writing with a few very important last minute items and reminders:

- Special thanks to our colleagues at Health Canada (Nick Trefiak, Matt Gagne, Tara Barton-MacLaren) for their advance work on deriving chemical lists with associated data across participant inventories, and thanks to all participants that shared chemical lists and data sources to make this possible. This work will be further discussed on Day 2 of the meeting. Please find attached their completed work, with details on the attachments later in this email.

- Some important logistics reminders below (more details are included in the attached file (**APCRA Workshop_General Information**). Please send all requested materials to Maureen Gwinn (gwinn.maureen@epa.gov).

  - **Presentations:** Please send all presentations by **Friday September 9**
  - **Meeting materials:** Attached to this email are the final agenda, abstracts for presentations, attendee list, biosketches of all attendees and the pre-meeting regulatory information form from each participating agency/entity. Except for biosketches and presentations, printed copies of all other materials will be provided at the workshop. Wifi will be available throughout the meeting.
  - **Changes/Corrections/Omissions:** Please send any corrections to presenters, titles or attendees names by **Friday September 9.**
  - **Meeting location:** The meeting will be held on the US Environmental Protection Agency Headquarters campus in Washington, DC. Please review the detailed directions and information related to security procedures prior to arrival.
  - **Cost for refreshments:** We will have coffee and refreshments in the morning and afternoon as well as working lunches delivered on both days. In order to accommodate this, due to US regulations we will need to collect funds for the cost of these refreshments from all attendees. Details for this are included in the attached file on General Information.
  - **Group Dinner:** We have made reservations for a group dinner at Old Ebbitt Grill in Washington DC (www.ebbitt.com) on Wednesday, September 14th.

- **Health Canada Pre-work:**
  - **A revised presentation:** The most recent version of the Health Canada chemical lists project is attached. This version provides an explanation on how the filtered data scenarios and corresponding chemical lists were assembled. The data scenarios and chemical lists have been significantly expanded based on the many lists and feedback received on the last call and over the last week.
  - **The Excel file** (all_scenarios_20160826.xlsx) contains all the chemicals for each scenario in individual tabbed worksheets as well as a tab that includes all discrete chemicals in the assembled master inventory. Also provided is a summary of the column headings which provide information on the inventories and data sources used.

If you have any questions, please contact Maureen Gwinn (gwinn.maureen@epa.gov or 703-434-9093).

Safe travels and looking forward to seeing everyone next week,

Bob Kavlock