**From:** Paul Boehm
**To:** Greenberg, Marc
**Subject:** RE: SETAC Gulf Oil Spill Focused Topic Meeting: Request on Abstracts from Steering Committee-Exponent
**Date:** Thursday, March 3, 2011 2:19:24 PM

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Marc,

I recommend that the following be presented (4):

1. Contact: Paul D. Boehm, pboehm@exponent.com, 978-461-4601 or 6(b) (6)[redacted]
   P. D. Boehm, Ph.D., Exponent, Inc. L. L. Cook, Exponent, Inc. A. M. Morrison, Ph.D., Exponent, Inc. K. J. Murray, Ph.D. Exponent, Inc.
   Preliminary 4D Water Column PAH Exposure Assessment of the Deepwater Horizon Oil Spill

   Combined with

   Contact: Ronald Atlas, r.atlas@louisville.edu, 502-609-0922
   Authors: Ronald Atlas, Life Sciences, University of Louisville Paul Boehm, Exponent , Inc
   Weathering of MC252 Oil in the Water Column of the Gulf of Mexico from May through September 2010: Evidence for Rapid Biodegradation

   **I will resubmit a combined abstract**

   **P. D. Boehm, Exponent, Inc. L. L. Cook, Exponent, Inc, Ronald Atlas, Life Sciences, University of Louisville**
   **Polynuclear Aromatic Hydrocarbons from MC252 in the Water Column: Preliminary Exposure Assessment, Weathering, and Biodegradation.**

2. Contact: Marie BenKinney; benkinneym@exponent.com, 508-353-0670
   Authors: M.T. BenKinney, Exponent, Maynard, MA W.L. Bryant, U.S. Geological Survey, Atlanta, GA J.S. Brown, Exponent, Maynard, MA J. Biedenbach, U.S. Geological Survey, Corpus Christi, TX M. Edwards, Exponent, Bellevue, WA
   **Evaluating the impact of dispersed oil from the MC252 Deepwater Horizon incident based on laboratory studies with field-collected water and sediment**

3. Contact: John Brown, jsbrown@exponent.com, 978-461-4602; Paul Boehm, pboehm@exponent.com, 978-461-4601
   Paul D. Boehm Ph.D. Exponent, Inc. John S. Brown* , Exponent, Inc. (* presenting author)
   **Protocol for Petroleum and PAH Source Determination in Sediments: MC 252 Source Chemical Fingerprinting**

4. Contact: John S. Brown, jsbrown@exponent.com, 508-878-2259
   Authors: John Brown, Exponent, Maynard, MA Rebecca Green, BOEMRE, New Orleans, LA Lyle Bruce, BP Naperville, IL Paul Boehm, Exponent, Maynard, MA Linda Cook, Exponent, Maynard, MA
   **Deep-water sediments collected after the MC252 oil spill reveal a small footprint of Macondo oil associated with drilling mud near the well-head.**

The others, if accepted, as posters.

5. Contact: Mark W. Johns; mjohns@exponent.com, 206-369-6526

Authors: Mark W. Johns, Ph.D., Exponent, Inc., Seattle Washington Ronald Atlas, Ph.D., University of Louisville, Louisville, Kentucky
**Weathering of MC252 Oil in the Water Column of the Gulf of Mexico from May through September 2010: Fluorometry, Dissolved Oxygen, and Quantitative Chemistry Evaluation**

6. Contact: Laurie Benton; lbenton@exponent.com, 425-519-8754; Linda Cook; lcook@exponent.com, 781-640-8396
Authors: L. Benton, Exponent; LL, Cook, Exponent; JS, Brown, Exponent; SM, Mudge, Exponent
**Tracking oil sampled for chemical fingerprinting offshore and along the Louisiana and Texas shorelines**

**I am going to ask that the following paper be evaluated independent of any recommendation from me or Exponent, as it is not a "Exponent paper.**

**7.** Contact: Kenneth J. Boda; Kenneth.J.Boda@uscg.mil, 202-372-4608
Authors: A. C. Bejarano, Research Planning Inc. M. C. Boufadel, Temple University J. S. Brown, Exponent Inc. G. E. Eckert, U.S. National Park Service M. K. Nannan, Bureau of Ocean Energy Management, Regulation and Enforcement A. C. Nye, Center for Toxicology and Environmental Health G. Shigenaka, National Oceanic and Atmospheric Administration W. M. Starkel, U.S. Fish and Wildlife Service T. Walden, BP plc.
An interagency team evaluates the fate and effects of remnant oil in beach environments, focusing on risk to human health and environmental resources.

Regards,

*Paul*

Paul D. Boehm, Ph.D.
Group Vice President & Principal Scientist
Exponent

Office: 978-461-4601
Cell: (b) (6) [redacted]

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**From:** Ahnell, Arden [mailto:arden.ahnell@uk.bp.com]
**Sent:** Wednesday, March 02, 2011 10:55 PM
**To:** Paul Boehm; Martin, Jean A; Bullock, Robin J (bp); Folse, Laura
**Cc:** Kakesh, Joseph; Marie BenKinney; John Brown; Mark Johns; Laurie Benton; Ronald M Atlas
**Subject:** RE: SETAC Gulf Oil Spill Focused Topic Meeting: Request on Abstracts from Steering Committee-Exponent

Paul

My view would be the papers in Red below re certainly key data or protocol items we should have presented. I don't really like choosing but as the response winds down - these would be the ones that might be the most timely. I don't recommend combining the last two.

Arden

OSAT 2 paper by Bode - John was representing BP so agree it wasn't really a Exponent paper but key to have presented since USCG is taking the lead.

**Contact: Kenneth J. Boda; Kenneth.J.Boda@uscg.mil, 202-372-4608**
**Authors: A. C. Bejarano, Research Planning Inc. M. C. Boufadel, Temple University J. S. Brown, Exponent Inc. G. E. Eckert, U.S. National Park Service M. K. Nannan, Bureau of Ocean Energy Management, Regulation and Enforcement A. C. Nye, Center for Toxicology and Environmental Health G. Shigenaka, National Oceanic and Atmospheric Administration W. M. Starkel, U.S. Fish and Wildlife Service T. Walden, BP plc.**
**An interagency team evaluates the fate and effects of remnant oil in beach environments, focusing on risk to human health and environmental resources.**

OSAT1 Toxicity results presented with USGS anther key response data set
Contact: Marie BenKinney; benkinneym@exponent.com, 508-353-0670
Authors: M.T. BenKinney, Exponent, Maynard, MA W.L. Bryant, U.S. Geological Survey, Atlanta, GA J.S. Brown, Exponent, Maynard, MA J. Biedenbach, U.S. Geological Survey, Corpus Christi, TX M. Edwards, Exponent, Bellevue, WA
**Evaluating the impact of dispersed oil from the MC252 Deepwater Horizon incident based on laboratory studies with field-collected water and sediment**

Key paper to establish protocol - probably needs to be on its own
Contact: John Brown, jsbrown@exponent.com, 978-461-4602; Paul Boehm, pboehm@exponent.com, 978-461-4601
Paul D. Boehm Ph.D. Exponent, Inc. John S. Brown* , Exponent, Inc. (* presenting author)
**Protocol for Petroleum and PAH Source Determination in Sediments: MC 252 Source Chemical Fingerprinting**

Key paper to get sediment data from OSAT1 better established - probably better on its own
Contact: John S. Brown, jsbrown@exponent.com, 508-878-2259
Authors: John Brown, Exponent, Maynard, MA Rebecca Green, BOEMRE, New Orleans, LA Lyle Bruce, BP Naperville, IL Paul Boehm, Exponent, Maynard, MA Linda Cook, Exponent, Maynard, MA
**Deep-water sediments collected after the MC252 oil spill reveal a small footprint of Macondo oil associated with drilling mud near the well-head.**

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**From:** Paul Boehm [mailto:pboehm@exponent.com]
**Sent:** Wednesday, March 02, 2011 3:04 PM
**To:** Martin, Jean A; Bullock, Robin J (bp); Folse, Laura; Ahnell, Arden
**Cc:** Kakesh, Joseph; Marie BenKinney; John Brown; Mark Johns; Laurie Benton; Ronald M Atlas
**Subject:** FW: SETAC Gulf Oil Spill Focused Topic Meeting: Request on Abstracts from Steering Committee-Exponent

Not sure how to respond. The first one in red, is really not "an Exponent abstract". Maybe we shouldn't even be on that one (not sure).

We could combine the last two. Any suggestions?

Paul

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**From:** Greenberg.Marc@epamail.epa.gov [mailto:Greenberg.Marc@epamail.epa.gov]
**Sent:** Wednesday, March 02, 2011 3:36 PM
**To:** Marie BenKinney; Mark Johns; Laurie Benton; Linda Cook; John Brown; Paul Boehm
**Cc:** r.atlas@louisville.edu; Kenneth.J.Boda@uscg.mil; Goodfellow, Bill; Greg Schiefer; Bruce Vigon; Marc Greenberg
**Subject:** SETAC Gulf Oil Spill Focused Topic Meeting: Request on Abstracts from Steering Committee-Exponent

Dear meeting participants,

Thank you for submitting abstracts for consideration by the SETAC Gulf Oil Spill Focused Topic Meeting Steering Committee for placement in the meeting program. We are pleased that we received a great number of relevant abstracts (nearly 100), including yours, and we are presently in the process of reviewing and placing accepted abstracts as platforms and posters. We have a few parties that have submitted numerous (6 or more) abstracts. Exponent falls into this category. We do not see it as a problem that a handful of groups have a lot of data and information to share; we are encouraged by this. However, because of the nature of this focused meeting, we don't have the luxury of space and time that an annual SETAC meeting offers--there are a limited number of 20-min platform slots available, and only enough space for about 20 posters per day. We want to make sure that all of your information can be included in the program. Therefore, we discussed with the SETAC Office the challenges here and agreed that we need to ask these parties, such as yourselves, to review their respective bodies of submitted abstracts to see where they could be combined to more integrative presentations (a way to reduce the number of presentations per institution without diminution of the science). We would like you and your co-authors to discuss this possibility and let us know your solutions. To assist you in this matter, we have listed the primary contacts, authors, and titles of the abstracts from your organization. We would be happy to provide the abstract texts to you as well, if this will be of further assistance. As you know, one of the founding principles of SETAC is to provide balance between industry, academia, and government perspectives, and with your help in addressing this request we can better meet this important objective at this meeting. Please contact Bill Goodfellow and me with any follow-up questions you have.

Thank you for your assistance.

Sincerely,
Marc Greenberg & Bill Goodfellow,
Meeting Steering Committee Co-chairs

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**Contact: Kenneth J. Boda; Kenneth.J.Boda@uscg.mil, 202-372-4608**
**Authors: A. C. Bejarano, Research Planning Inc. M. C. Boufadel, Temple University J. S. Brown, Exponent Inc. G. E. Eckert, U.S. National Park Service M. K. Nannan, Bureau of Ocean Energy Management, Regulation and Enforcement A. C. Nye, Center for Toxicology and Environmental Health G. Shigenaka, National Oceanic and Atmospheric Administration W. M. Starkel, U.S. Fish and Wildlife Service T. Walden, BP plc.**
**An interagency team evaluates the fate and effects of remnant oil in beach environments, focusing on risk to human health and environmental resources.**

Contact: Marie BenKinney; benkinneym@exponent.com, 508-353-0670
Authors: M.T. BenKinney, Exponent, Maynard, MA W.L. Bryant, U.S. Geological Survey, Atlanta, GA J.S. Brown, Exponent, Maynard, MA J. Biedenbach, U.S. Geological Survey, Corpus Christi, TX M. Edwards, Exponent, Bellevue, WA
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Authors: L. Benton, Exponent; LL, Cook, Exponent; JS, Brown, Exponent; SM, Mudge, Exponent

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**Deep-water sediments collected after the MC252 oil spill reveal a small footprint of Macondo oil associated with drilling mud near the well-head.**

**Contact: Paul D. Boehm, pboehm@exponent.com, 978-461-4601 or** (b) (6) [redacted]
**P. D. Boehm, Ph.D., Exponent, Inc. L. L. Cook, Exponent, Inc. A. M. Morrison, Ph.D., Exponent, Inc. K. J. Murray, Ph.D. Exponent, Inc.**
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**Authors: Ronald Atlas, Life Sciences, University of Louisville Paul Boehm, Exponent , Inc**
**Weathering of MC252 Oil in the Water Column of the Gulf of Mexico from May through September 2010: Evidence for Rapid Biodegradation**

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