



UNIVERSITY of NEW HAMPSHIRE

Dispersant Working Group

November 19, 2010

(In conjunction with Clean Gulf, New Orleans, LA)

Meeting Notes

Attendees:

Nancy Kinner, CRRC
Victoria Broje, shell
Greg Wilson & Nick Nichols, U.S.EPA
Erik DeMicco, Clean Caribbean
Ellen Faurot-Daniels, CA OSPR
John French, PWS RCAC
Debbie French McCay, ASA
David Fritz, BP
Kurt Hansen, U.S. Coast Guard R&D
Lt. Amy McElroy, U.S. Coast Guard

Francois Merlin, CEDRE (by phone)
Jim Myers, Chevron
Nick Nichols, U.S. EPA
Susan Saupe, CIRCAC
Dagmar Schmidt-Etkin, ASA
Paul Schuler, Clean Caribbean
Mark Swanson, RCAC
Greg Wilson, U.S. EPA
Lyman Young, Chevron

- I. Introductions
- II. Overview of Dispersant Working Group (DWG)
- III. Status & Update of Funded Research Projects
 - **Nancy Kinner** (Coastal Response Research Center)
 - Deepwater Horizon Dispersants Meeting – report released publicly
 - Deepwater Horizon Dispersant Data Webinar – report internal release only for NIC
 - Debbie French McCay, “Guidance for Dispersant Decision-Making: Potential for Impacts on Aquatic Biota”. Presentation given at Clean Gulf. This guidance document/calculator tool is almost complete. This field guide uses SIMAP to compare impacts/damage to surface vs. water column. Final report due soon.
 - **Susan Saupe** (RCAC)
 - no report, no funding
 - provided samples to Ali Khelifa CRRC research project on OMA

Coastal Response Research Center

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- **Nick Nichols/Greg Wilson** (US EPA)
 - 2 studies this summer on DWH dispersant (Phase 1) and oil & dispersant (Phase 2) to test chronic *in vitro*, endocrine disrupters
 - <http://www.epa.gov/bpspill/>
 - <http://www.epa.gov/research/>
 - Do we need efficacy research for deepwater? How much toxicity testing is needed? NALCO Corexit 9500 is the only product used in DWH. Currently funding \$10k for tox test (flask) which is averaging the 2 oils; tiering approach; rank Sub part J
 - Human issues - important concerns
 - Long-term monitoring, future use of dispersants
 - EPA will host a dispersant workshop in the Spring 2011 (open to public)

- **Victoria Broje** (Shell)
 - Joint Industry Project (JIP) on biodegradation and toxicity of dispersants and dispersed oil in the Arctic, Barrow lab/UAF
 - Already have great data on toxicity on indigenous species and biodegradation rates, building on CROSERF
 - Plan to host a workshop in January 2011 to share JIP data
 - Rolling out OGP Arctic JIP, in Year 1, environmental impacts specific to Arctic; fate of dispersed oil droplets under ice
 - API Document on lessons learned from DWH response with big section on dispersants; waiting for government agencies to comment
http://www.ipaa.org/news/docs/Oil_Spill_Response_3_SEP_2010_V2.pdf
 - API: <http://www.api.org/Newsroom/safetyresponse/index.cfm>

- **Kurt Hansen** (USCG, R&D Center)
 - Ed Levine (NOAA) lead to rewrite SMART protocols
 - Submitted IOSC white papers

- **Amy McElroy** (USCG)
 - ICCOPR 3rd & final public meeting to be held on Nov 17, 2010
 - Culmination ICCOPR meeting in early 2011

- **Lyman Young** (Chevron)
 - No report, no funding

- **Debbie French McCay** (ASA)
 - NRDA – lots of research related to DWH dispersant/dispersed oil, lots of sampling; data will be published publicly

- **David Fritz** (BP)
 - BP was involved in DWH dispersant related activity this summer
 - Submitted IOSC white paper



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- **John French** (AK RCAC)
 - Alaska North Slope crude project with Merv Fingas; process of translating data
 - <http://www.pwsrcac.org/projects/EnvMonitor/dispers.html>
 - A project is in its second year with John Incardona, Jeep Rice of NOAA NMFS research on juvenile Atlantic cod and herring exposed to dispersants; no preliminary results yet
 - A project with Ken Lee; final report due in Spring 2011

 - **Paul Schuler** (Clean Caribbean)
 - Self funded project continues in Panama (from 2007) tropical, sea grass, mangrove, coral data collection. Draft report pending peer review
 - Submitted IOSC white paper

 - **Francois Merlin** (CEDRE)
 - Discobial report due March 2011; initial results are encouraging
 - Additional work due on stabilizer – completed by end of year
 - IMO's worldwide collaboration to revise dispersant guidance (over next 3 years) pending group participants; Bob Pond, USCG is US lead.

 - **Ellen Faurot-Daniels** (CA OSPR)
 - Yvonne Addassi final report completed; common muir feathers
 - Not as many dispersant opportunities in CA; but CA needs to have the deepwater discussion; unsure if CA protocols will change due to deepwater issues
- IV. Potential future funding?
- USCG – minimal
 - EPA – yes, pending budget approval
 - Industry – yes
 - NOAA – unknown, pending budget approval
 - PWS RCAC - \$100k each year for 2 projects (tentative)
- V. Next meeting: IOSC, May 2011 in Portland, OR