

May 21, 2014

**Meeting Notes Summary –Options Subgroup of Workgroup for Global Air Permit Policy Development for Temporary Oil and Gas Drill Rigs**

Date of Meeting: Thursday, May 15, 2014

Time of Meeting: 14:00 – 15:00

Location of Meeting: Conference Room A, Bayview Building, 619 E. Ship Creek Ave., Ste. 249, Anchorage, AK 99501 and Teleconference

Options Subgroup of Workgroup for Global Air Permit Policy Development for Temporary Oil and Gas Drill Rigs (DRWG Options subgroup) Members present in person: Brad Thomas, ConocoPhillips (CPAI); Tom Turner, Environmental Conservation/ Division of Air Quality- Air Permits Program Technical Services Section Manager (ADEC/ AQ- APP/TS); Alejandra Castaño, BP (Alaska) Exploration (BPXA); John Neason, Nabors Drilling (Nabors); Joshua Kindred, Alaska Oil and Gas Association (AOGA); Alice Edwards, Director, ADEC/ AQ; Mike Munger, Cook Inlet Citizen’s Regional Advisory Council (CIRCAC)

Technical Subgroup of Workgroup for Global Air Permit Policy Development for Temporary Oil and Gas Drill Rigs (DRWG) Members present via telephone: John Kuterbach, ADEC/ AQ- APP Manager; Bill Barron, Department of Natural Resources (DNR)/ Director – Oil and Gas Division (O&G); Bill Britt, Hilcorp

Meeting Facilitator: Jeanne Swartz, ADEC/ AQ

Public members present: Barbara Trost, ADEC/ AQ, Tom Turner, ADEC/ AQ

Public members present by telephone: Ann Danielson, SLR

**1) Introductions**

The meeting commenced at 14:02. Jeanne Swartz welcomed all the participants and asked for introductions, first from the participants present in person, then from the participants joining the meeting by telephone.

**2) Summary of DRWG Technical Subgroup’s Work to Date**

Barbara Trost presented a PowerPoint program that summarized the DRWG Technical subgroup’s conclusions after examining the monitoring data, fuel use information, and other information provided by industry to determine the impact of drill rigs on ambient air quality on the North Slope of Alaska. This PowerPoint program consisted of six slides; it can be viewed at:

<http://dec.alaska.gov/air/ap/docs/OilGasWorkgroup.Technical%20PresentationForWorkgroup.5-20-14.pdf>

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Some points emphasized by Barbara were:

- While there were no violations of the National Ambient Air Quality Standard (NAAQS) recorded in any of the monitoring datasets provided, analysis of the data indicates that the potential for exceedence of the NAAQS cannot be ruled out in all scenarios
- The maximum impacts of the drill rig emissions were registered at low wind speeds near the edge of the drilling pads
- Meteorological (met) conditions in Cook Inlet are different from met conditions on the North Slope, so more information is needed from Cook Inlet to determine if the analyses derived from North Slope data are valid for Cook Inlet

### **3) Discussion – Categories of Drilling Operations as Proposed by Industry**

A discussion ensued about the proposal by industry to consider drilling operations differently, depending upon the type of drilling activity (routine or development) and the location of drilling relative to other sources isolated drill pad, co-located or offshore). Industry representatives stated that air modeling will be performed on each of the categories to determine what kinds of impacts would be projected. The limitation on drilling in the different categories is fuel usage, and the purpose of the categorization with attendant air modeling is to understand what kinds of guardrails or NAAQS protection would be needed for each case. It is anticipated that in some categories, there would be limited danger to the NAAQS, but in other categories, additional protections, such as limitations on fuel usage would be necessary.

### **4) Discussion- Recommendations for DRWG Technical subgroup**

Alice Edwards led the discussion about the proposed next steps for the DRWG Technical subgroup. Recommendations included more data; met and drilling operation information from Cook Inlet. Industry representatives said that they could make some predictions about impacts in Cook Inlet drilling, but lacked detail enough to do more than make conservative approximations.

### **5) Other Discussions**

The DRWG Options subgroup discussed the need to revisit the recommendations from the September, 2013 AOGA/ ASIA Proposal, “Drill Rig Regulatory Approach Concept”, to determine if the current proposal to consider different categories of drilling operations under different regulatory approaches is inconsistent with the original proposal. Alice Edwards requested that, if it was determined that the earlier proposal was found to have been superseded by the current categories idea or other new ideas, that the DRWG members be informed that was the case. There was a brief discussion on whether fuel usage was the only limiting factor on drill rig operations and it seemed to be the most useful variable.

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**6) Set Focus for Next Meeting and Steps/ Actions Needed Prior to Meeting**

The group was in agreement that Barbara should present the same DRWG Technical subgroup summary presentation at the main DRWG meeting on Tuesday, May 20.

The meeting concluded at 15:05.

**Action Items Generated From May 15 Meeting:**

- **DRWG Technical subgroup summary presentation will be made at main DRWG meeting scheduled for May, 20, 2014.**
- **Main DRWG will make recommendations about further work for both subgroups.**
- **The meeting summary from the May 15<sup>th</sup> DRWG Options subgroup meeting will be circulated and placed on the DRWG website within a few days**
- **ADEC will provide a meeting invitation, a meeting place in Anchorage, and agenda for the next DRWG Options subgroup meeting (to be determined)>**

Respectfully submitted,

Jeanne Swartz ADEC/AQ