

Summary of July 22, 2013 ATSDR Call with the CAP

CDC/ATSDR participants: Christopher Stallard, Tina Forrester, Angela Ragin-Wilson, Perri Ruckart, Ed Murray, Sheila Stevens

Community and other participants: Jerry Ensminger, Mike Partain, Brooks Tucker (staffer for Senator Burr), Greg Sunstrum (staffer for Congressman Dingell), Glenn Markwith (DOD), Mary Blakely

Summary of the June 2013 CAP call (provided by Angela Ragin-Wilson):

Administrative:

- The next in-person CAP meeting is scheduled for September 6, 2013 in Atlanta, GA.
- Informed CAP that they should have received an email from Perri Ruckart regarding their travel for the next in-person CAP meeting (CAP confirmed that they received the travel information).
- Summary notes from the conference calls will be posted to the ATSDR Camp Lejeune website.
- Mary Blakely requested that all information shared with the CAP be sent to her via postal mail.
- The August conference call will be held on August 26, 2013.

ATSDR's Water Pathway Health Consultation:

- Tina Forrester stated that ATSDR will update the water pathway that was included in the 1997 Public Health Assessment (PHA). The 1997 PHA was withdrawn and removed from the website.
- The updated information in the water pathway will be an addendum to the 1997 PHA. In the update to the PHA, ATSDR plans to use the water modeling results, calculate exposure doses using concentrations in the water, and compare these to values with the toxicology data in order to make conclusions and recommendations about exposure.
- Tina Forrester stated that ATSDR expects to complete scientific clearance by late August 2013 to have a draft of the updated water pathway. The draft will undergo a public comment period and a peer review.
- ATSDR and the CAP discussed whether the new work on exposure pathways at Camp Lejeune should be called a PHA or Health Consultation (HC). No decision was made during this meeting.
- Tina Forrester offered to send written responses drafted by Morris Masilia to address the water modeling questions and additional questions to the CAP in advance of the next in-person meeting and address those issues at the meeting.

CAP Concerns /Water Pathway Health Consultation:

- The CAP noted that there were several problems with the 1997 PHA including errors in dose and exposure, omission of benzene in drinking water, and no mention of vapor intrusion.
- The CAP stated that the primary supporting documentation from the 1997 PHA was missing.
- The CAP was concerned that the dose used in the 1997 PHA was an underestimate that does not consider 24/7 exposure.
- The CAP mentioned that the carcinogenicity of trichloroethylene (TCE) has been updated since the original document was prepared.

- The CAP was concerned with ATSDR updating a flawed document instead of redoing the PHA; Tina Forrester indicated that completing a full PHA with all pathways in one document would take longer to complete and because of that, ATSDR plans to release the water evaluation pathway as soon as it is available.
- The CAP asked to meet with ATSDR to discuss the errors in the PHA in more detail.

Status of Vapor Intrusion Pathway Analysis:

- Tina Forrester stated that ATSDR is reviewing data to determine if there is sufficient information to assess exposures from vapor intrusion. Currently ATSDR does not have all the data that are needed.
- ATSDR is researching if we have the needed inputs to model VI. Four parameters are needed for the model to be valid.
- ATSDR can run the model from 2001 forward, but we are determining how far back we are able to go.
- ATSDR has sent a written request to the DOD to ask for any data they have on VI.

CAP Concerns/Status of Vapor Intrusion Pathway Analysis:

- The CAP would like a briefing on VI at the September 6, 2013 CAP meeting. They are concerned because exposures to workers continued post-1987 (when the water modeling ends).

Health Studies (was not listed on the agenda):

- The CAP asked about the status of their request for a cancer incidence study. Angela Ragin-Wilson responded that it is still under review.
- Perri Ruckart updated the CAP on the status of the birth defects/childhood cancer and mortality studies.
 - The birth defects/childhood cancer study was submitted to the journal *Environmental Health* at the end of June and their review process is about 6 weeks. We expect to hear in August if the manuscript is accepted with revisions, declined, or accepted as is.
 - The mortality study of former active duty marines and navy personnel is still under review by CDC/ATSDR.
 - The CAP asked for an update on the male breast cancer study, and Angela Ragin-Wilson said she would provide an update via email since we were at the close of the meeting. **[Note: Angela Ragin-Wilson sent the male breast cancer study update to the CAP]**

Action Items:

- The CAP would like a briefing on VI at the September 6, 2013 CAP meeting.
- The CAP asked to meet with ATSDR to discuss the errors in the PHA in more detail.
 - ATSDR agreed to have a briefing with the CAP that day before the scheduled in person meeting (September 5, 2013). **[Note: After the conference call, the CAP decided that they did not want to have an informal meeting September 5, 2013 and instead asked for a 2 hour discussion of the PHA during the September 6, 2013 CAP meeting]**
- The CAP asked for an update on the male breast cancer study.