

**Galena Technical Project Team  
Meeting # 14  
April 13, 2005  
DEC Conference Room  
555 Cordova St., Anchorage Ak.**

**TPT Members**

Ragine Pilot	Louden Tribe
Marvin Yoder	City of Galena
Steve Wicks	Galena Schools (by phone)
Dave Hertzog	Air Force (AF)
Colin Craven	Dept. of Environmental Conservation (DEC)
Phil Koontz	Louden Tribe
Colette Foster	Department of Transportation (DOT)
JoAnn Grady	Facilitator

**Support Personnel**

Eppie Havel	Oasis Environmental (AF contractor)
Manish Joshi	EarthTech (ET) (AF contractor-by phone)
Stephanie Pingree	Ecology & Environment (DEC contractor-by phone)
Ron Porter	MitreTek (AF contractor-by phone)
Patrick Haas	Patrick E Haas & Associates (ET sub contractor-by phone)
Collen Brownlow	EarthTech (by phone)
Stacey Krieger	EarthTech (by phone)
Sandra Borbridge	AF Tribal Liaison

**Summary Comments**

**Update on the Remedial Investigation (RI) Report:**

The TPT began its meeting with an overview of the steps leading up to the development of the Remedial Investigation report which is due out in draft form to the TPT on September 23, 2005. Dave Hertzog stated that the content of the RI represents the culmination of two years of work by the AF, its contractors, and the TPT and the draft final version will include the data that has been collected to date at the Galena sites.

JoAnn Grady, TPT facilitator, questioned whether it might be prudent to have the TPT review summaries on each site as the document is being produced to insure that the team was 'on-board' with the work being proposed on sites listed in the RI report. DEC's Colin Craven agreed that a review of each site report, as it is being developed, would address the goal of presenting the information to the TPT; that all parties understand the content and agree with the decisions being made on the sites. A lengthy discussion followed in which TPT members consulted on the merits of brief site by site reviews as the document is being written. The team decided that the site reviews/site

summaries which had been developed previously on each of the Galena sites will be elaborated on and used as a basis for site by site review as they are being developed for the RI report.

Manish Joshi (ET) noted that much of the data could be presented as a few figures in 1 or 2 slides and would integrate the data for each site. For more complex sites, and as recommendations are developed, figures and bulleted summaries will be sent to the TPT for their review. The time frame for development of evaluations should be within the next month or month and a half. Receipt of the October 2004 groundwater sampling data will determine when AF will provide recommendations on other sites.

Dave Hertzog also reported to the TPT that the AF is considering the merits of pulling the Galena petroleum sites from the CERCLA process and entering into an agreement with the State to address the sites separately. He stated the petroleum sites may not need to be put through the full RI/FS process. He will update the TPT on the AF's decision on those sites at the next TPT meeting.

#### **Review of the Final Human Health Risk Assessment Work Plan (HHRAWP)**

Eppie Havel of Oasis Environmental led the discussion on the Final Human Health Risk Assessment Work Plan which was presented to the TPT for their review. She discussed the history of the document and reviewed several unresolved issues that had been clarified and agreed upon since the last TPT meeting. Ms. Havel emphasized that the risk at the sites are being assessed assuming there are no remediation systems in place. She explained that this results in very conservative and protective remedial decisions being made. Colin Craven wanted to make clear that while assessments were made based on no systems being in place at the sites, there are actually protective systems currently in place, such as the CHPPMS air modeling at the GAVTC and the positive pressure system at the JP4 Fill stands.

After reviewing the exposure parameters used in the document, Patrick Haas questioned how the numbers were derived for use. Stephanie Pingree of E & E stated that the numbers used were given to the DEC by the AF and had been previously reviewed and agreed upon by the state regulators and the TPT. Mr. Hertzog added that the numbers had been derived from community interviews conducted by Eleanor Yatlin of Loudon and Krista Graham of Oasis. Haas stated that the cleanup goals that may be calculated using the assumptions from the Risk Assessment Work Plan would be extremely conservative and, if used, would provide unachievable cleanup goals, unrealistic exposure risk and will pose non-compliance scenarios at four sites: the Fire Protection Training Area, South East Runway Fuel Spill, Wilderness Hall and at Campion. He recommended that the RAWP, though final, should be amended.

A lengthy discussion ensued regarding how best to change the final work plan if changes are needed. Mr. Hertzog instructed ET to review the exposure assumption tables and the risk scenarios in the RAWP and, if needed, propose and justify the new exposure parameters to the TPT at the next meeting. ET will also review the final conceptual site models and methodology for calculating the exposure point concentrations provided in

the RAWP. Colin Craven added that the AF should be careful to consider the Alaska Department of Transportation (ADOT) and their work in Galena when considering how to construct meaningful exposure assumptions.

Mr. Hertzog scheduled a teleconference for Thursday, April 21, 2005 at 9:00AM Alaska Time to discuss changes to the work plan.

### **GAVTC Update**

Dave Hertzog began the update on the GAVTC building with a review of the November and December 2004 operating reports, and the December 2004 indoor air report. He reported that leaks in the system have been repaired and weekly system checks appear normal. He stated the indoor air March event will be re-sampled due to summa canister malfunctions. The March sampling will take place the 17<sup>th</sup> of April. Mr. Hertzog confirmed that the system is working within its parameters. He stated the AF is convinced that the spike in indoor air readings reported last August was an anomaly, but will wait for a second reading in August to confirm that conclusion.

Marvin Yoder asked whether or not the facility should be sold to the city if the site could not be made useable without the AF operating its systems. He questions how many years the system would have operate before the site could be used without the protective system in place. Hertzog said that within a year the AF would have a better idea on the answer to Yoder's question.

### ***Screening Level Criteria Discussion***

Colin Craven reported that the contingency plan is awaiting consensus from the TPT on which indoor air screening levels should be used to develop exposure risks at the site. Craven reported that he had seen two levels used at different times and thought the TPT should agree on one level in order to better record and justify the team's decisions at the site in the future.

Dr. Ron Porter of Mitretek stated the screening criteria developed at the site began in November of 2002 and was based on general conservative information. Subsequently, those numbers have been adapted based on specific contact hours for students and teachers that have been provided to the team by Steve Wicks. The change from general to specific information at this site has resulted in the changing screening level criteria.

Colin Craven stated that it might be preferable to have Steve Wicks continue to provide specific information to the TPT and let the AF develop the screening level based on the number of teachers and students and their time spent in the building. He also suggested that sufficient justification be documented to explain why the screening levels have changed, otherwise it will be hard to understand the fluctuations that have already been recorded.

He suggested coupling the justification with the contingency plan that would explain that an exceedence in the screening level is not a cause for panic, but simply a trigger that would call for closer review of the data.

A lengthy discussion ensued regarding the pros and cons of a 'floating' screening level vs. setting the action level at a certain value. Dave Hertzog proposed that the air

monitoring program at the GAVTC had provided enough information to insure that indoor air was safe for occupants of the building. He suggested that the indoor air program at the GAVTC should conclude after the next four sampling events.

The TPT decided to table a decision on the benzene screening levels and on the indoor air sampling program at the GAVTC, and hold a comprehensive discussion on the future of the program at the GAVTC at the May TPT meeting.

**Next Meeting Time and Place**

The next two meetings of the TPT will be held in Galena and have been scheduled for May 12<sup>th</sup>, and June 9<sup>th</sup>, 2005. Both meetings will commence at 10 AM.