

No.201 225 3240

Mar 29, 89 08:29 P.02

## Minutes of the Third Technical Review Committee Meeting on 3-13-89

The Meeting was called to order at 10:00 AM by Steve Vukelich, US NAVY. The First order of business was a motion presented to the committee. The motion was as follows:

The meeting date of the next TRC meeting will be set at the meeting immediately preceding that new meeting. The meeting date will be published in the minutes. Cancellation of the meeting shall not be made due to the inability of a person to attend. The motion was discussed and passed in a unanimous vote. Steve Vukelich discussed the schedule that was presented and emphasized that the proposed schedule is a best case scenario. Weston in their monthly updates will advise how the work is progressing relative to this schedule. Mr Vukelich then asked for a review of the comments.

Mr Faranca, NJDEP, read and briefly discussed their first two comments. Ms Welcomb reiterated that the NJDEP would like to see a map of the facility, approximately 2' by 3' in size that depicts the sites and water bodies. Piping was discussed and considered inappropriate to be included on this map. The third DEP comment was briefly discussed.

The arrival of the EPA personnel permitted the review of the meeting up to this point by Mr. Tamm, Weston. Mr Vukelich inquired of the EPA as to the meaning of the Draft disclosure statement. Ms Karas, EPA and Mr Fulton, Versar explained that the comments were rushed out to the Navy without formal review and that there should not be much change to the final comment text that will be sent out 3/14. Ms Karas suggested that the EPA comments be addressed before the NJDEP comments since they started earlier in the document.

Comments were read by Mr Fulton. Comment 2 was proposed to be addressed through the inclusion of the IAS biological features section into the Appendix of the Work Plan. Comment 3 will be addressed through reference of the IAS and Confirmation Study results. These are to be included in an appendix. Mr Vukelich asked if the previous documents could just be referenced and not included as appendixes to save paper. Ms Karas explained that work plan must be a stand alone document and provide all information. This information can be summarized from the preexisting documents. Mr Vukelich commented that the summarization will have to be worked out between Weston and the Navy.

Comment 4 was read and EPA was asked if a formal quality assurance investigation of the previous data was being asked for. It was discussed that a current typical QA analysis could not in all likelihood be performed due to changes in analytical techniques and reporting procedures made since the time of the Confirmation Study. The EPA suggested that since they did not formally accept the QA plan for the confirmation study they could not use the data collected to eliminate sites.

Comment 5 was read. Mr Vukelich stated that the report of the wastes and volumes were taken directly from the IAS v rbatim. It was agreed that the defining of the volumes must be addressed.

in the work plan.

Comments 6 and 7 were read. The intent was discussed and summarized by Mr. Vukelich as the rationale for the proposed work must be clearly addressed. The NJDEP's comment concerning ARAR's was read by Mr. Faranca. ARARs are to be addressed by Weston however specific levels are to be set by the NJDEP and EPA. The discussion moved to the use of slug tests which are to be permitted contingent on the understanding that pump test may be necessary on certain sites. K. Sheedy, Weston suggested use of currently active pumping wells outside of the sites to help define the hydrologic character of the formations which would be tied back to the slug tests.

DEP's comment 5 was read and discussed. DEP would like the information on the hydrology tabulated and displayed on site maps. The use of the tables by the DEP was to determine the proper selection of well locations and plan future activities.

Mr. Fulton read EPA's specific comments. Responses were limited in most cases to clarification of wording and intent. Mr. Vukelich informed the group that Weston is currently examining possible analytical techniques and may be funded to provide a limited method development to distinguish between N-nitrosodiphenylamine and diphenylamine. Comment concerning 2.2.1 refers to hydrogeologic information. A ground water contour map would provide historical water information. Reference should be made of work done in the IAS pg 3.4. Well identification will be made for a 3 mile radius from each contaminant source. Demographic information should be collected for a 3 mile radius from the contaminant source. Mr. Matthaey suggested that site 2 b considered active as it is used for the emergency detonation of explosives. This activity precludes placement of monitor wells on the active areas of the site.

Patty Guy, Versar arrived and clarified issues relating to comments discussed above. Mr. Faranca continued discussion of the site specific comments by suggesting that soil on site 2 be analyzed for the TCL+30 to adequately characterize the site. Discussion of the use of the term boundary was proposed by Ms. Sheedy to be the surficial manifestation of past site activities. Mr. Vukelich explained that specific outline on maps do not exist. He further explained that the philosophy used by the Navy is to determine, by sampling, if contamination exists and then determine the site boundaries if contamination is found.

Comments were then directed by Mr. Vukelich as to how apparently clean sites will be addressed. Ms. Karas explained that the sites will be grouped and a no action group will have a ROD specifically addressing these sites. Mr. Tamm, Weston asked if the current maps would be considered adequate for this no action ROD. Ms. Karas explained that since a no action ROD has not been undertaken in region 2 she was not certain if they would be acceptable.

Comments on the sites were continued by Mr. Faranca. Discussion of the Lake Earle incident was explained by Mr. Matthaey to be interpreted by the Navy biologists (Tom Gentilly) a result of low pH coupled with the application of copper sulfate as an algicide, and not a result of contamination from the site.

Comments on site seven included placement of the deep well and condition of tanks. Double casing was recommended by the DEP and continuous split spoon to aid in the stratigraphic determination.

Other comments include the need for the justification of sampling. The corrected wording for comment concerning Dioxin is that Dioxin analysis may be required if precursors or PCB are identified on the site. Comment on Site 19 may be resolved if the NAVY can find an "as built map of site 19".

The information concerning the 1987 site visit by the DEP as part of the RCRA facility assessment will be sent to B. Matthaey, NAVY, Mr Vukelich, NAVY and Mr. Tamm, Weston for examination. Mr Matthaey suggested the possibility that the instruments used may have been out of calibration as similar high readings on another site were not confirmed through soil and water analysis. Mr. Vukelich suggested that the timetable to be included be constructed with a most likely scenario and that everyone continue to be flexible.

Minutes from the previous meeting were accepted after note that Mr. Faranca name was misspelled and the wording of page 2 paragraph #4 be altered to read: the provisions of SARA under which the sites are to be investigated include a specific process for site investigation.

The next TRC meeting is scheduled to be 6/22/1989 at 10 AM.

The Meeting was adjourned by Mr Vukelich at approximately 2 PM.

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NWS EARLE  
SCHEDULE

16 SI SITES

	Planned
1. Award Contract	4/21/89
2. Draft Work Plan	7/11/89
3. Final Work Plan	10/6/89
4. Begin Field Work	12/15/89
5. Complete Field Work & Lab Analysis	3/23/90
6. Draft SI Report	5/11/90
7. Final SI Report	6/29/90

HANDED OUT

NWS EARLE  
SCHEDULE

11 RI SITES

	Planned
1. Draft Work Plan	4/14/89
2. Final Work Plan	6/16/89
3. Begin Field Work	8/23/89
4. Complete Field Work & Lab Analysis	12/1/89
5. Draft RI Report	2/23/90
6. Final RI Report	4/20/90