

LICENSEE: Analytical Bio-Chemistry Laboratories, Inc.  
Docket No.: 030-05154  
License No.: 24-13365-01

DATE OF CALL: October 7, 2009

PARTICIPANTS: Analytical Bio-Chemistry Laboratories  
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Bionomics  
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Andy Lombardo, Project Manager  
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SUBJECT: DISCUSSION ON ABC'S PROGRESS DECOMMISSIONING PLAN  
SUBMISSION

On the above date, the NRC held a call with Analytical Bio-Chemistry Laboratories (ABC), the licensee, and their contractors, Bionomics and Safety Ecology Corporation (SEC), to discuss ABC's decommissioning plan (DP) submittal. The following items were discussed.

- NRC mentioned that Visual Sampling Plan summary information for hot spot determination was for over 400,000 ft<sup>2</sup>. This appeared to be a gross overestimate of the size of the expected contamination. SEC stated the VSP information was to show a grid plan to be used only in impact areas. SEC and ABC stated a description of the sampling plan would be provided in the final status survey plan in the next DP submission.
- NRC stated the C-14 distribution coefficient reference provided in the previous DP and sensitivity analysis is incorrect. SEC indicated that the reference was a typo and the reference can be found in NUREG/CR-5512, Vol. 3, Table 6.92 and that this would be changed for the next DP.
- The licensee pointed out that the sensitivity analysis shows that the unsaturated zone thickness does not impact the groundwater. The NRC agreed that the current sensitivity analysis does appear to indicate no impact, but verification will still be completed during the full technical review. ABC indicated that they have had difficulties reaching the state

contact regarding site hydrology information. NRC agreed to call the state to collect hydrology information for an environmental assessment.

- ABC stated they have been in contact with Missouri Department of Natural Resources (MDNR) to discuss additional local or state permits or approvals. NRC suggested we hold a joint call with a member of MDNR to discuss concurrent reviews if necessary.
- ABC stated they are on track for submitting a new DP by the October 20 deadline. NRC informed the licensee to call if they have any questions regarding the submission. Another call is planned to be held after the DP is submitted to discuss the review progress and schedule.

End of Conversation.