

3.06 2/18/97 701

To: beach.bruce@epamail.epa.gov
From: Kidwell, Jeffrey J
Subject: SITE 1 RESPONSIVENESS SUMMARY
Date: 2/18/97 Time: 10:18AM

Bruce,

Attached is the responsiveness summary for the Site 1 Groundwater, Surface Water and Sediment Proposed Remedial Action Plan. The file is in Word 6.0. Please let me know if you receive this message and, if so, whether you were able to retrieve the attachment. I can bring a copy on diskette with me tomorrow when I attend the ROD workshop if you need.

Our voice mail system has been experiencing difficulties. If you have tried to reach me or left a message, you were either unsuccessful or the system erased your (and everyone else's) message. If not, disregard this note.

Hope everything else is going well and you enjoyed your holiday.

Jeff
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Attachments: RESPSUM.DOC [Binary]

RESPONSIVENESS SUMMARY

Proposed Remedial Action Plan
for
Site 1 Groundwater, Surface Water and Sediment
at the
Allegany Ballistics Laboratory

The following represents the Department of the Navy's responses to all the comments received on the subject Proposed Plan. No written comments were received from any party by any party. Consequently, the following is based on remarks made or questions posed that were recorded and transcribed during the public meeting held October 29, 1996 at the Bel Air Elementary School. Because the transcript of the meeting was made from a recording, some minor editorial liberties were taken for clarification to a comment or response. A complete copy of the transcript is included in the Administrative Record located at the LaVale, Maryland and the Fort Ashby, West Virginia Public Libraries.

Q: Do you (the Navy) ever analyze these materials? You call them DNAPLs (dense, non-aqueous phase liquids)?

R: Yes. During the investigations, we collected soil and water samples for chemical analysis. The analyses provide the concentrations of the contaminants. Very high concentrations are strong evidence there is a contaminant source that will continue to dissolve over time. DNAPL presence is further deduced through research of the contaminants, their concentrations and their distribution.

Q: Are the extraction wells going to be on both the north and south side of the solvent disposal pits?

R: The extraction wells will be situated to the north of the solvent disposal pits, between them and the North Branch Potomac River. Groundwater modeling predicts this is the optimum location to achieve our remediation goals.

Q: This proposed plan now presented is for the Site 1 groundwater. Is there to be a separate plan for the soil and the surface water?

R: This Site 1 proposed plan addresses groundwater, surface water and sediment. By containing and treating the groundwater, we effectively remediate the surface water and sediment by not allowing the contaminants to move into the River. This will allow any contamination currently present in the sediment and the surface water to naturally attenuate or degrade. Regarding Site 1 soil, the Navy will develop an additional Site 1 soil focused Feasibility Study that will lead to a proposed plan.

Q: Would what "plan" chosen for the soil affect how the proposed plan for the water will work? Should they be done at the same time?

R: The eventual "plan" for the soil should not affect the proposed plan for the groundwater. The "plan" that will address soil contamination, limited to the upper eight to ten feet, will have to take into consideration the groundwater treatment technology in place.

Q: Is there any possibility of the air being contaminated in any of these sites and pose a risk to the residents?

R: Volatile organic compounds that are "stripped" from the groundwater will be captured and not released. Various monitoring stations will be established to ensure our treatment system is effective and the applicable requirements are being met. The monitoring plan will undergo review from the States of West Virginia and Maryland, and the EPA.

Q: Who pays for the cost of the clean up?

R: We do, the taxpayers. The Navy is heading it up but it comes out of our pockets.

Q: Have soil samples been taken as planned on the Maryland side of the Potomac?

R: The question refers to a requirement in a consent order for the facility to collect soil samples in connection with open burning. Although not part of the Navy's Installation Restoration Program, specifics will be made known to you by Allegany Ballistics Lab.

This constitutes the extent of the comments and responses on the Proposed Remedial Action Plan for Site 1 Groundwater, Surface Water and Sediments at the Allegany Ballistics Laboratory.