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NIROP ABL ROCKET CENTER  
5090.3a

LETTER DISCUSSING SITE 1 TREATMENT PLANT DISCHARGE OF AMMONIUM  
PERCHLORATE AND GIVING 180 DAYS TO REDUCE OR ELIMINATE POLLUTANT ABL  
ROCKET CENTER WV  
11/17/1999  
WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION



Office of Environmental Remediation  
 1356 Hansford Street  
 Charleston, WV 25301  
 (304) 558-2745  
 (304) 558-3998 (fax)



# West Virginia Division of Environmental Protection

Cecil H. Underwood  
 Governor

Michael C. Castle  
 Director

17 November 1999

*EPAHQ → 18  
 Eval = June/July summary  
 Fall 2000 Air  
 releases*

Mrs. Dawn (Boucher) Hayes  
 Atlantic Division  
 NAVFACENCOM  
 Code 18234  
 1510 Gilbert Street  
 Norfolk, VA 23511-2699

*56,000 ppb  
 1 EN 16*

RE: **Allegany Ballistics Laboratory  
 Site 1 Groundwater Treatment Plant  
 Discharge**

*IPSC - June - funding  
 Gary Best all top  
 ltr August funding  
 distributed  
 quarantine*

*No surface water discharge*

*OMB release  
 \$ 1.4M*

Dear Mrs. Hayes:

The Site 1 groundwater treatment system installed as a CERCLA action at Allegany Ballistics Laboratory (ABL) is discharging Ammonium Perchlorate (AP). This compound was not identified as a contaminant of potential concern and has not been approved for discharge by the West Virginia Division of Environmental Protection (WVDEP) Office of Water Resources (OWR).

*3M/yr for  
 next 3 yrs  
 some human  
 use with  
 most  
 animal*

Based on the most current discharge results, AP is entering the CERCLA groundwater treatment plant and discharging at the same level. As defined by §22-11 the West Virginia Water Pollution Control Act AP would be considered a pollutant. Discharge of a pollutant constitutes a violation of the Anti-Degradation Policy §46CSR1-4. *? quite*

*Aero Jet  
 Biological  
 Potable  
 drinking  
 water*

Within one hundred and eighty days, a methodology shall be implemented using best available technology to reduce or eliminate the AP from the effluent discharge from the Site 1 groundwater treatment plant. Within 45 days, identify the proposed treatment system modification for WVDEP concurrence. The proposal shall contain a list of available technologies and corresponding treatment limits. Failure to implement an action will result in the suspension of the Site 1 effluent discharge limits at the end of the one hundred and eighty days.

From this point forth, AP shall be included as one of the compounds monitored and reported on a monthly basis. The lowest method of detection shall be used when analyzing for this compound.

If there are any questions or if you require further clarification, please contact me at (304) 558-2745 or E-mail: [tbass@mail.dep.state.wv.us](mailto:tbass@mail.dep.state.wv.us).

Sincerely,

Thomas L. Bass  
Environmental Resource Specialist  
Office of Environmental Remediation  
Superfund Group

cc: Bruce Beach, EPA  
John Aubert, NAVSEA  
Brett Doerr, CH2Mhill  
Lou Williams, NAVSEA

Steve Hoffman, NAVSEA  
David McBride, NAVSEA  
John Fairbanks, MDE