

Re: 3

Julia Mullen

From: Borci.Todd@epamail.epa.gov
Sent: Tuesday, November 26, 2002 6:38 AM
To: Julia Mullen
Subject: RE: Massachusetts Military Reservation



MONTHLY_CRAT
TABLE_102502.p

Julia:

Apologize for the delay; however, the requested materials were sent via FedEx today. I had to hunt down a signed copy of the RCRA Admin Order and a signed copy of the transmittal letter. One of the items you had requested you referred to as a letter from Sylvia Lowrance to Christine Todd Whitman. I took that to mean the letter which transmitted Sylvia's decision to uphold the Order following the challenge by DOD, and that is the letter which I have included.

Please take a look at the documents, and then we can touch base regarding what has happened since the RCRA Order (we call it AO4) was issued. In a nutshell, not much. After AO4 was upheld, the Donovan T-10 Contained Detonation Chamber (CDC) was kept on site for several months to destroy any existing UXO and other Ordnance and Explosive (OE) materials we had accumulated over the course of the study. The CDC was then taken off site for some modifications and I believe it may have been used out in California. At the time the chamber was taken off site, it had destroyed approximately 2,800 items over the course of a year and a half.

Over the course of 2002, we have uncovered an incredible number of munitions during the course of our investigation. This was due in part to the investigation of a former unofficial and unrecorded open burn/open detonation site where nearly 30 individual pits have been investigated. As of two weeks ago, we had accumulated over 13,500 munitions which are considered safe to move and suspected or known to contain high explosives. This number has since grown even larger. A couple months ago, we requested the National Guard Bureau bring the CDC back to the site, and it arrived this week. The chamber is expected to operate at MMR for the next one to two months to reduce this stockpile.

In addition to the munitions above, we have in excess of 5,000 munitions which the Guard has determined cannot be placed into the CDC; however, these items could be moved via a armored bucket loader into another destructive device, such as a car bottom furnace. This type of device has reportedly been used at a number of other sites. However, I have been provided no information regarding the device or any associated RCRA permits or applications. In accordance with AO4, EPA Region 1 recently requested the Guard provide a proposal to destroy these 5,000 munitions in a environmentally compatible manner if the CDC is not appropriate.

Finally, attached is a table that includes data from samples collected after routine open detonations throughout the base. For munitions deemed not safe to move, the Guard schedules an open detonation event and collects soil samples pre detonation from next to the item (w/o disturbing it), and post detonation from the crater. Some 1,100 of these detonations have occurred. As can be seen by the table, we do not have detections after every single event, however, there are quite a few detections of explosives and metals that are very high. This table includes any explosive detection and only those metals detections which

Re: Mass Military Munition Rule



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exceed a Massachusetts state standard. Due to the sensitive nature of the soil/groundwater interaction at MMR, each and every one of these sites has agreed to be remediated by the National Guard Bureau. Not sure if this information is useful to you; however, for us it provides some of the basis for which AO4 was issued.

Hope this is helpful and please feel free to contact me with any questions. Thank you.

Todd Borci
EPA Technical Project Coordinator
MMR Impact Area
(617) 918-1358

(See attached file: MONTHLY_CRATER_TABLE_102502.pdf)

Julia Mullen
<julia_mullen@nmenv.s
tate.nm.us>

To: Todd Borci/R1/USEPA/US@EPA
cc:
Subject: RE: Massachusetts Military

Reservation

11/21/02 10:46 AM

Hi, Todd - Sorry it's taken me so long to respond to your phone message. My address is: Julia Mullen, Assistant General Counsel, Office of General Counsel, New Mexico Environment Department, 1190 St. Francis Drive, Suite N-4050, Santa Fe, New Mexico 87501. Thanks so much for all your help - Julia

-----Original Message-----

From: Borci.Todd@epamail.epa.gov [mailto:Borci.Todd@epamail.epa.gov]
Sent: Tuesday, November 19, 2002 3:23 PM
To: Julia Mullen
Subject: Re: Massachusetts Military Reservation

Julia:

I have been out for a few days and I am just getting caught up. I have received your phone message concerning the 1.5 ppb perchlorate level also. I have a couple fires to put out tomorrow, but should be able to provide most of this information this week. In the meantime, please take a look at the attached reasoning for the 1.5 ppb level.

(See attached file: 6-99 Noonanmemo.wpd) (See attached file: risk_recomm1.wpd) (See attached file: CLO4response1.wpd)

Julia Mullen
<julia_mullen@nmenv.s
tate.nm.us>
Borci/R1/USEPA/US@EPA

To: Todd
cc:

Subject:

Massachusetts
Military Reservation

11/13/02 02:04 PM

Hello, Todd - My name is Julia Mullen and I'm with the Office of General Counsel at the New Mexico Environment Department. I work with Julie Wanslow on Fort Wingate and on other haz waste matters. I'm writing to see if you can provide us with copies of certain MMR documents, on letterhead or other final version, specifically the 4/10/97 SDWA/RCRA order, the 1/4/01 RCRA order, and the subsequent memo from Sylvia Lowrance to Christine Todd Whitman re "Proposed Delegation of Authority to Confer With the National Guard Bureau....". It would also be helpful if you could tell us what's happened with the 2001 RCRA order since it was issued. Thanks very much and please feel free to contact me with any questions or comments at this e-mail or (505) 827-1047. Julia