

Reference

Subject: Redstone Army Arsenal citizen concerns - leukemia, perchlorate

Date: Mon, 13 Aug 2001 11:38:13 -0500

From: Tellez,Debra@epamail.epa.gov

To: Neleigh.David@epamail.epa.gov, Sturdivant.Bob@epamail.epa.gov, Overstreet.Cheryl@epamail.epa.gov, Harris.Jamesa@epamail.epa.gov, Chang.Allen@epamail.epa.gov, Overbay.Michael@epamail.epa.gov, Villarreal.Chris@epamail.epa.gov, Ray.Hillol@epamail.epa.gov, Poeton.Tom@epamail.epa.gov, Ngo.Kim@epamail.epa.gov, Reazin.David@epamail.epa.gov, Ritchey.Charles@epamail.epa.gov, Stubblefield.Joyce@epamail.epa.gov, Mayer.Richard@epamail.epa.gov, Wilkinson.Robert@epamail.epa.gov, Waters.Marvin@epamail.epa.gov, Martinez.Maria@epamail.epa.gov, Roddy.Susan@epamail.epa.gov, Hueni.Camille@epamail.epa.gov, Hendrickson.Charles@epamail.epa.gov, Rodriguez.Jose@epamail.epa.gov, Miller.Garyg@epamail.epa.gov, Tellez.Debra@epamail.epa.gov, Zawistowski.Stan@epamail.epa.gov, mike.harrell@deqmail.state.ok.us, david.lawson@deqmail.state.ok.us, mhoneycu@tnrcc.state.tx.us, djnaylor@tnrcc.state.tx.us, bharriso@tnrcc.state.tx.us, vreat@tnrcc.state.tx.us, kmay@tnrcc.state.tx.us, mcowan@tnrcc.state.tx.us, kbrown@tnrcc.state.tx.us, jsher@tnrcc.state.tx.us, marthur@tnrcc.state.tx.us, eadams@tnrcc.state.tx.us, julie_wanslow@nmenv.state.nm.us, jennifer_parker@nmenv.state.nm.us, kirby_olson@hotmail.com, dennis_mcquillan@zeus.nmenv.state.nm.us

----- Forwarded by Debra Tellez/R6/USEPA/US on 08/13/01 11:37 AM -----

Kevin Mayer

08/13/01
10:17 AM

To: Debra Tellez/R6/USEPA/US@EPA
cc:
Subject: Redstone Army Arsenal citizen
- leukemia, perchlorate

concerns

Alabama now

----- Forwarded by Kevin Mayer/R9/USEPA/US on 08/13/2001 08:16 AM -----

Annie Jarabek

08/13/2001
08:10 AM

To: Elmer Akin/R4/USEPA/US@EPA
cc: William Farland/DC/USEPA/US@EPA,
Alapas/DC/USEPA/US@EPA, Art
Mike Moore/DC/USEPA/US@EPA, Linda
Tuxen/DC/USEPA/US@EPA, Kevin
Ralph Smialowicz/RTP/USEPA/US@EPA
Subject: Re: Heads-up: Redstone Army
citizen concerns - leukemia,
link: Kevin Mayer)

George

Payne/DC/USEPA/US@EPA,

Mayer/R9/USEPA/US@EPA,

Arsenal

perchlorate (Document

Hi Elmer,



9839

As always, good to hear from you (although in this case...). Thanks for the heads up.

FYI, the leukemia issues with potassium perchlorate used therapeutically in the 1950s were attributed to a contamination. The results of recent immunotox and general tox testing have not indicated this to be a target but there is always the potential for the animal models to be inappropriate a la benzene. I wonder what else might be @ these locations?

Annie.

Annie M. Jarabek
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National Center for Environmental Assessment
Office of Research and Development
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Elmer Akin

08/10/01
11:16 AM

Arsenal

To: Annie Jarabek/RTP/USEPA/US@EPA
cc:
Subject: Re: Heads-up: Redstone Army
citizen concerns - leukemia, perchlorate

----- Forwarded by Elmer Akin/R4/USEPA/US on 08/10/01 10:51 AM -----

Annie: Thought you may be interested in this relative to your perchlorate work. We have heard that the father of the boy who died told DOD that he was contacting Erin Brockovich about this . Elmer

Julie Corkran

08/09/2001
03:14 PM

Akin/R4/USEPA/US@EPA

Arsenal

To: Earl Bozeman/R4/USEPA/US@EPA
cc: Jon Johnston/R4/USEPA/US@EPA, Becky
Hendrix/R4/USEPA/US@EPA, Elmer
Subject: Heads-up: Redstone Army
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Earl:

Redstone Army Arsenal (Huntsville, AL) has contacted me with the following emerging issues. I will forward updates as I obtain additional relevant information.

Off-Facility Citizen Disease Concern
Two cases of acute myelogenous leukemia have been brought to the attention

of Redstone Arsenal environmental folks in the last week. One man is currently very ill and a young boy died within the last year from this disease. Both of these families live on the same street, Buxton Road/English Village area, immediately off-facility from Redstone's Operable Units 10 and 11. A TCE and ammonium perchlorate (AP) contaminated groundwater plume from Redstone extends under the homes in this area; however, the homes obtain drinking water from Huntsville Public Utilities. The homes are located near SCI, an off-Redstone RCRA-regulated circuit board production facility with historical releases.

Huntsville Public Utilities: Ammonium Perchlorate detection
As a courtesy to another concerned citizen in the English Village area, Redstone recently sampled her drinking water tap and analyzed for TCE and perchlorate. The sample was negative for TCE, but perchlorate was detected at 1.5 ppb (lower than the EPA provisional cleanup guidance levels of 4 to 18 ppb). The Redstone AP plumes are about 10 miles southeast and downgradient of the Huntsville Utilities Public Water Supply Intake in the Tennessee River. However, several fireworks factories are located upgradient of the intake.

Redstone Actions

Redstone has contacted Huntsville Utilities with the perchlorate tap water results and is coordinating with them on the relative locations of possible non-Army AP sources and the water distribution system. During these initial contacts, Huntsville Utilities has expressed no knowledge of perchlorate in their system.

Redstone risk assessment and communication folks are meeting individually with concerned citizens in the English Village area next week.

Redstone is planning their next quarterly public meeting on environmental issues for October.

Contacts

Redstone Public Affairs: Pam Rogers (256/842-0561)

ADEM: Jim Grassiano (334/271-7738)

AL Public Health: pending

thanks,

Julie

Julie Corkran

EPA R4

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