

Speakers = 25

Sandy Delcours *
Alf Stole
Byron Clemens
- Fran Sontag *
Kay Drey
Rebecca Wright
Sally Price
Pamela Todorovich *
Donovan Larson
Jim Werner
Leon Steinbach
Daniel McKel *
Kathleen Logan-Smith
John Bunn
Rick Harmonicy

Regelio Garcia

Redacted - Privacy Act

I live near the SLAPS site. How much effort has been made to test soil, water etc WEST of Limbough?

How much impact does this SLAPS site impact the health issues now and since 1940's. Is there an empirical study (studies) concerning the health issues association w/ radiation ~~in~~ in this area?

What are the ~~redacted areas~~ areas identified as hot sites besides the SLAPS site in Hazelwood?

WHAT IMPACT DOES THIS

SLAPS SITE IMPACT THE TAX ASSESSORS OFFICE?

When computing ~~the~~ property tax valuation?

Written Comments

Written comments and/or questions may be submitted at this Public Meeting or by mail to the following address:

St. Louis District, Corps of Engineers
FUSRAP Project Office
8945 Latty Avenue
Berkeley, MO 63134

If alternative 5 is chosen I am concerned about continued contamination from soil under permanent structures. I am especially concerned about groundwater contamination.

I am also concerned about ongoing institutional controls on permanent structures. If roads are repaired or repaved etc., will that create an opportunity to excavate impacted soil? I think that should be part of the ongoing institutional control. Otherwise I think ~~alternative~~ alternative 6 should be chosen.

Thank you for consideration of my comments.

Caroline PuFALT Redacted - Privacy Act

Redacted - Privacy Act

Comments to the Army Corps of Engineers
Public Hearing for the Proposed Plan
for the North County Site
(May 29, 2003)

- by -

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(Oral remarks to be extended in writing)

the North county site, eleven non-radionuclides are identified as COCs (contaminants of concern) for soils: **antimony, arsenic, barium, cadmium, chromium, molybdenum, nickel, selenium, thallium, uranium,** and **vanadium**. These noncarcinogens have different effects on systems or organs in the body...”

- My first related comment is that uranium-238 is definitely a radionuclide with a half life of 4.47 billion years, in addition to its toxicity as a metal. Calling uranium a non-radionuclide must therefore be corrected.

- My second comment is that the listing of 11 COCs for soil as noncarcinogens is substantially incorrect. In fact, perusal of carcinogen listings for the named substances by EPA, ATSDR, National Toxicology registry and International Agency for Research in Cancer (IARC) reveals, rather, that 6 substances are established human carcinogens: **ARSENIC, CADMIUM, NICKEL, HEXAVALENT CHROMIUM, URANIUM AND SELENIUM SULFIDE**. The Plan does not state which forms of chromium and selenium are being referred to on page 18.

Listed as NOT CLASSIFIED because of insufficient human data with respect to carcinogenesis are **antimony, barium, molybdenum, and thallium**. However, ATSDR notes that antimony has produced lung cancer in rats. NOT CLASSIFIED is different from being classified as NOT CARCINOGENIC, since it means insufficient

**Human Carcinogenicity Of Slaps North County Plan Of
Eleven Non-Radionuclides Identified As COCs For Soils, page 18**

COC, page 18	Carcinogen	CA compound/s	Agency
Arsenic	YES		
Cadmium	YES		
Nickel	YES (lung cancer)		NTP, IARC
Chromium	YES	N6 (hexavalent)	
Uranium ¹	YES, plus nephritis	U-238 metal	EPA
Selenium	YES, 1 compound NOT CLASSIFIED "Although some early studies with rats suggested that some selenium compounds might cause cancer"	<ul style="list-style-type: none"> • Selenium sulfide • Other selenium compounds than sulfide 	EPA IARC
Antimony	NOT CLASSIFIED " <u>Lung cancer</u> has been observed in some studies of rats that breathed high levels of antimony."	"How likely is antimony to cause cancer? ... No human studies are available. We don't know whether antimony will cause cancer in people"	DHSS, EPA, IARC, ATSDR (see col. 3)
Barium	NOT CLASSIFIED "Barium has not been classified because there are no studies in people and the two available animal studies were inadequate to determine whether or not barium causes cancer."		DHSS, EPA, IARC ATSDR (see col.2)

Comments to U.S. Army Corps of Engineers

From Fran Sontag, Redacted - Privacy Act

Let me say at the outset that the clean-up of the contaminated sites which has already been done is greatly appreciated. Your interest in continuing to do a good job is evidenced by this meeting.

However, I have some concerns which still need to be addressed. My concerns involve answering the question of 'How Clean is "Clean"?' Since these sites are in highly populated urban areas and since the way we answer that question will affect our children and grandchildren for hundreds or thousands of centuries, I feel strongly that we should go for the cleanest "clean" which is possible. And I choose the word possible rather than feasible because I do not think we should take the easy route in a matter which will have consequences which last longer and are more serious than we may like to imagine.

A big problem factor is that Coldwater Creek runs through the area. During and after a flood, sediment is spread over a wide area outside the creek banks. Then after the waters subside this contaminated soil would naturally tend to erode and blow about over an even wider area. Then the next flood and drought cycle would spread the dangerous stuff more and so on and so on—for a long, long time. So I hope you can see my logic of removing as much as humanly possible now while it is relatively close to where we can identify it and deal with it. Because this dust is not just any dust; it contains uranium and thorium and radium particles. These in turn eventually break down into radon gas. If this gas (or dust containing the above mentioned nuclear particles) is inhaled, it will give off radioactive particles and rays within one's body. These are especially damaging to children. I am a grandmother of nine and I have concerns for their future. And I have even more immediate concerns for those families living closer to these dangerous sites.

I would urge you to dig more deeply all along Coldwater Creek and its banks for quite some distance. When you finish that, remove the gabion wall (the rocks and chicken wire) which is there now and replace it with something more permanent which can be monitored for nuclear contamination regularly in the future.

I would also urge you to dig more deeply where the big piles of contaminated soil have already been removed. Surely some has already leached into the underlying soil.

One more thing—I have visited the site fairly recently and felt that it was very poorly marked. It is almost indistinguishable from the myriad of industrial sites so close by. Perhaps some larger, more colorful and clearer signs would give a better warning to the uninformed visitor.

I thank you for your consideration of my concerns. And one more time urge you to do the right thing and do a thorough job.

Sharon

My name is
Janey DeCourse and
I live on Cold Water
Creek. There is
tremendous, increasing
development along
the creek that will
add to future flooding
along the creek. Dust
from radioactive creek
sediment deposited along
the creek's banks from
the rise and fall of the
water can become
airborne, give off radon
gas and be inhaled.
This is why it
is important that
Cold Water Creek
be given

attention and be cleaned up where it is contaminated. Cold Water Creek is an urban stream with homes, schools, churches, businesses and parks all along its banks. Children play along the creek's banks right up to the edge of the water. It would be very much appreciated if Cold Water Creek were checked and made safe for the community.

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