To: Pat Flood[Pat.Flood@tn.gov]; Steven Stout[Steven.Stout@tn.gov]
Cc: Adams, Glenn[Adams.Glenn@epa.gov]
From: Amoroso, Cathy[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C5033745779E4121B626D62341A9B89C-AMOROSO, CATHY]
Sent: Tue 12/14/2021 3:48:26 PM (UTC)
Subject: RE: state's view of Y-12 cleanup

Ok. Thanks.

From: Pat Flood <Pat.Flood@tn.gov>
Sent: Tuesday, December 14, 2021 9:16 AM
To: Amoroso, Cathy <Amoroso.Cathy@epa.gov>; Steven Stout <Steven.Stout@tn.gov>
Cc: Adams, Glenn <Adams.Glenn@epa.gov>
Subject: RE: state's view of Y-12 cleanup

The EMDF is the linchpin of the mercury cleanup effort, so we can't underestimate its importance in that regard. No landfill, no ability to stop mercury from getting into East Fork Poplar Creek.

TN Department of Environment & Conservation

Patrick J. Flood, P.E. | Senior Advisor
Bureau of Environment
William R. Snodgrass Tennessee Tower, 2nd Floor
312 Rosa L. Parks Ave., Nashville, TN 37243
p. 615-532-0792 c. 615-202-8471
Pat.Flood@tn.gov
tn.gov/environment

We value your feedback! Please complete TDEC's Customer Service Survey.

From: Amoroso, Cathy <Amoroso.Cathy@epa.gov>
Sent: Tuesday, December 14, 2021 8:12 AM
To: Pat Flood <Pat.Flood@tn.gov>; Steven Stout <Steven.Stout@tn.gov>
Cc: Adams, Glenn <Adams.Glenn@epa.gov>
Subject: [EXTERNAL] RE: state's view of Y-12 cleanup

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Ok. Got it.
I'm trying to paint a bigger picture of why the EMDF is important…

From: Pat Flood <Pat.Flood@tn.gov>
Sent: Tuesday, December 14, 2021 9:09 AM
To: Steven Stout <Steven.Stout@tn.gov>; Amoroso, Cathy <Amoroso.Cathy@epa.gov>
Subject: RE: state's view of Y-12 cleanup

Sorry for the late response, but I agree that mercury cleanup is probably the highest priority at Oak Ridge (speaking only for Pat), but the TVA ash cleanup and the Southside effort in Chattanooga may rank higher statewide, depending on who you ask.

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From: Steven Stout <Steven.Stout@tn.gov>
Sent: Monday, December 13, 2021 4:07 PM
To: Amoroso, Cathy <Amoroso.Cathy@epa.gov>; Pat Flood <Pat.Flood@tn.gov>
Subject: RE: state's view of Y-12 cleanup

It would be highest priority in the context of the ORR. I think it is fair to say so, although I don't have a ranking list from the upper management. I don't think it would be the highest priority state-wide. Although I am not sure what is.

The FFA parties adopted an approach to cleanup at Y-12 by working down from the upper part of East Fork Poplar Creek the creek from the source areas at Y-12 and then down the lower part of East Fork Poplar Creek. The reason there is priority is that the lower part of the creek runs through the City of Oak Ridge. We recently has a communication from a group focused on protection of the entire Lower Clinch River watershed. The OF 200 will serve its purpose for a couple of decades, not permanently but until the sources are removed.

And I was a little staggered by the ignorance of the position that nothing should allowed for onsite disposal in Bear Creek because it would pollute the watershed when every source of contamination on the ORR, methylmercury or radionuclides and any other pollutants go into the larger watershed. And removal of the source area would provide long-term isolation of the contamination sources while buried in the landfill from the watershed. It would be a great reduction from what is occurring now at Y-12 and ORNL as the emphasis moves away from the ETTP – the part served by onsite disposal as opposed to groundwater remediation and the little soil source removal left.

srs

From: Amoroso, Cathy <Amoroso.Cathy@epa.gov>
Sent: Monday, December 13, 2021 3:53 PM
To: Pat Flood <Pat.Flood@tn.gov>; Steven Stout <Steven.Stout@tn.gov>
Subject: [EXTERNAL] state's view of Y-12 cleanup

Is it accurate to say that mercury cleanup at Y-12 is the state's highest priority at ORR? Or highest priority, in general? I vaguely remember hearing something like that, but want to get it right.
Thank you.

Cathy Amoroso, Chief
Restoration & DOE Coordination Section
Superfund & Emergency Management Division
U.S. EPA, Region 4
404-295-6758