

**From:** [Frame, Jason R](#)  
**To:** [Pendergrass, Curt \(CHFS DPH\)](#)  
**Cc:** [Partridge, George \(EEC\)](#)  
**Subject:** RE: Fairmont Brine Processing  
**Date:** Friday, February 26, 2016 2:24:31 PM  
**Attachments:** [image002.png](#)

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I thought someone on your side said this material sent to multiple landfills.

Jason R. Frame B.S. R.T. (R), Chief Radiological Health Program  
Office of Environmental Health Services/Radiation, Toxics and Indoor Air Division  
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Office: (304)356-4303  
Fax: (304) 558-0524  
Email: [Jason.R.Frame@WV.gov](mailto:Jason.R.Frame@WV.gov)



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**From:** Pendergrass, Curt (CHFS DPH) [mailto:Curt.Pendergrass@ky.gov]  
**Sent:** Friday, February 26, 2016 1:55 PM  
**To:** Frame, Jason R  
**Cc:** Partridge, George (EEC)  
**Subject:** RE: Fairmont Brine Processing

Will do Jason and thanks for the offer and for all the help that you have given us. We literally could not have done this without you. I have a feeling we are going to be spending a lot of time at Blue Ridge Landfill in Irvine KY.

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Website: <http://www.chfs.ky.gov/dph/radioactive.htm>

Pay your fees on line at [https://prd.chfs.ky.gov/rad\\_epay/](https://prd.chfs.ky.gov/rad_epay/)

Be notified of proposed regulation changes <https://secure.kentucky.gov/Regwatch/>

Dispose of unwanted sources <http://www.crcpd.org/StateServices/SCATR.aspx>



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**From:** Frame, Jason R [<mailto:Jason.R.Frame@wv.gov>]

**Sent:** Friday, February 26, 2016 1:50 PM

**To:** Pendergrass, Curt (CHFS DPH)

**Subject:** RE: Fairmont Brine Processing

Let me know when you would like to go, it's about 1.5 hours from my office in Charleston.

Jason R. Frame B.S. R.T. (R), Chief Radiological Health Program

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**From:** Pendergrass, Curt (CHFS DPH) [<mailto:Curt.Pendergrass@ky.gov>]

**Sent:** Friday, February 26, 2016 12:01 PM

**To:** Kalt, Brian

**Cc:** McKinley, Matthew W (CHS-PH); Fowler, Kathy L (CHFS PH); Maybriar, Jon (EEC); Anderson, Danny J (EEC); Partridge, George (EEC); Brock, Stephanie C (CHS-PH); Higginbotham, Jeri (EEC)

**Subject:** RE: Fairmont Brine Processing

Hello Mr. Kalt,

It was a pleasure speaking with you on the phone this morning. Again, I want to thank you and Fairmont Brine Processing for reaching out to our office and to our colleagues in the Dept. of Environmental Protection as we work to resolve the issues we are now facing. With this now making front page news in the local papers, the sooner we get a firm grip on what we are dealing with and the potential impact to public health and safety, the better.

And I especially want to thank you for offering to provide samples of sludge from this same settling tank where the material we are now dealing with first originated at FBP. The fact that the tank is used in the initial stage of settling and precipitation of oil and gas flowback and produced fluids, I would imagine the sludge now in your tanks is fairly representative of what was there last summer when these tanks were cleaned out and the material brought to KY. As you said, you will understandably need to first discuss this with your attorneys to get their input, but I can assure you that we will be more than happy to split those samples with FBP so you can have them analyzed by another lab of your choosing for comparison. The Dept. for Public Health, Radiation Health Branch has its own Environmental Monitoring Laboratory and the samples you provide would have the radiochemical analysis conducted by our laboratory and I am sure my colleagues in Solid Wastes will wish to conduct their own analysis as well for other non-radioactive constituents. We will probably reach out to our colleagues in the WV Office of Environmental Health Services/Radiation, Toxics and Indoor Air Division to assist us in our sampling trip to your Fairmont WV facility.

As for your requests for documents provided by Mr. Cory Hoskins of Advanced TENORM Services/BES Technical Solutions, Waste Management and Pace Analytical, I am going to have to forward that along to my colleagues in Solid Waste for their input and consideration. As we discussed, the very preliminary radiation survey results by a staff member from this office showed slightly elevated exposure rate readings in localized areas of the landfill cap but the region where the landfill in question is located was found to have a high amount of shale which contains elevated levels of natural uranium and thorium and decay daughters. Obviously, much more thorough and extensive radiation surveys and sampling will need to be conducted to better characterize and quantify the radiological concerns.

Thank you again for reaching out to our office and we look forward to working with you and FBP to resolve this issue.

Regards,

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Website: <http://www.chfs.ky.gov/dph/radioactive.htm>  
Pay your fees on line at [https://prd.chfs.ky.gov/rad\\_epay/](https://prd.chfs.ky.gov/rad_epay/)  
Be notified of proposed regulation changes <https://secure.kentucky.gov/Regwatch/>  
Dispose of unwanted sources <http://www.crcpd.org/StateServices/SCATR.aspx>



**From:** Kalt, Brian [<mailto:BKalt@fairmontbrine.com>]  
**Sent:** Friday, February 26, 2016 11:14 AM  
**To:** Pendergrass, Curt (CHFS DPH)  
**Subject:** Fairmont Brine Processing

Mr. Pendergrass

Thank you for taking the time to talk with me today. Per our conversation, if you would, please send the following:

1. Any documentation that Cory Hoskins and or Advanced TENORM Services presented to Blue Ridge Landfill, the Kentucky DEP and or The Kentucky Department for Public Health, Cabinet for Health and Family Services.
2. Any documentation and or results from Pace Analytical and or Waste Management.
3. Any links that can shed light as to whether or not the waste was exempt and or non-exempt.
4. You mentioned that your team did some radiation monitoring at the Blue Ridge Landfill, and the results indicated 20  $\mu$ rem. Additionally, your team took a sample at the source of the reading. If you would, please send analysis once received.

If anything else is needed on our end, please let me know.

Respcetfully,

**Brian Kalt**

President

Fairmont Brine Processing, LLC

412-680-6244

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