Message

From: Daly, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BF6AD94E11314203826E63C8DF0511E2-DALY, ERIC]
Sent: 12/1/2015 3:41:39 PM
To: Nwosu, Bernard [Ben.Nwosu@WestonSolutions.com]; Nguyen, Lyndsey [Nguyen.Lyndsey@epa.gov]
Subject: RE: EPA Site-Specific Action Levels for Radiological Parameters - Niagara Falls Boulevard Site
Attachments: NFB_Table 8A-1_Rad Soil Analytical Results.pdf

Good Morning Ben:

Lyndsey is in a training all week. However, we will be discussing NFB, HTC and CRU issues when she has spare time. We have discussed the Ra-226 issue you mention below. I will wait for Lyndsey to confirm but I believe we talked about removing the preliminary values for Ra-226 (without 21-days in-growth).

The rinsate blank is the sample you reference in regard to aqueous matrix action level, correct? Lyndsey will need to comment on this.

Thanks

From: Nwosu, Bernard [mailto:Ben.Nwosu@WestonSolutions.com]
Sent: Tuesday, December 01, 2015 10:01 AM
To: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Cc: Daly, Eric <Daly.Eric@epa.gov>
Subject: EPA Site-Specific Action Levels for Radiological Parameters - Niagara Falls Boulevard Site

Good morning Lyndsey,

Radium-226 was analyzed by gamma spec with and without 21-days in-growth methods. We are aware that that the analytical results for radium-226 without in-growth is subject to bias from the presence other radionuclides in the soil sample; while the 21-days in-growth method is supposed to eliminate that bias.

Please can you advise if the action level for radium-226 applies to both analytical methods. The attached table indicates that the background sample has exceedance of radium-226 if the action level applies to both methods. In this case:

1) do you want to specify a different action level for radium-226
2) should I delete all radium-226 data analyzed without 21-days in-growth
3) indicate NS (not specified) in the action level column of the data table
4) do we have an action level for aqueous matrix (pg. 3 of the table)

Thank you.

Ben Nwosu
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