Message

From: Poppell, Sam W. [Poppell.Sam@epa.gov]
Sent: 3/18/2019 2:51:41 PM
To: Fife, Greg [fife.greg@epa.gov]; Bordelon, David [David.Bordelon@WestonSolutions.com]; Brozowski, George [brozowski.george@epa.gov]
Subject: RE: Lowerline Assessment Data

Greg, you are correct. In past cleanups EPA has consistently used the 5 pCi/g for radium-226 cleanup. Twice or three times background has been consistently used for doing surveys with uR meters. Be careful using the units '10 microCi/hr' – the correct unit for what you are describing should be "10 micro (u) R/hr. This is the correct unit for exposure and/or exposure rate. The background for that location, and it may vary from location to location, should be between 5 – 12 uR/hr. This all depends on the construction material and natural environmental radiation levels.

From: Fife, Greg
Sent: Friday, March 15, 2019 9:55 AM
To: Bordelon, David <David.Bordelon@WestonSolutions.com>; Brozowski, George <brozowski.george@epa.gov>; Poppell, Sam W. <Poppell.Sam@epa.gov>
Subject: RE: Lowerline Assessment Data

I'm looking for advice from George. But the 5 pCi/g should be our cleanup level, its what we have used and its in the guidance documents. The twice background or 10 microCi/hr seems to be our action level. That is based on the 5 microCi/hr background for the area.

From: Bordelon, David <David.Bordelon@WestonSolutions.com>
Sent: Friday, March 15, 2019 9:49 AM
To: Fife, Greg <fife.greg@epa.gov>; Brozowski, George <brozowski.george@epa.gov>; Poppell, Sam W. <Poppell.Sam@epa.gov>
Subject: FW: Lowerline Assessment Data

FYI. This really doesn't tell us much until we know their action level, either the 2x background CPM # or the correlation to 5 pCi/g #. Do you all have a preference on which to use? Don't know if they performed a correlation.

David Bordelon
Weston Solutions, Inc.
13702 Coursey Blvd, Bldg 7
Baton Rouge, LA 70817
(225) 297-5403 Direct
(225) 772-7921 Cell
David.Bordelon@westonsolutions.com

From: Cook, David
Sent: Thursday, March 14, 2019 6:38 PM

To: Bordelon, David <David.Bordelon@WestonSolutions.com>
Subject: RE: Lowerline Assessment Data

See attached map. This is just a quick and dirty map (need to add proper title block and source info, etc.) Let me know with CPM thresholds too.

Thanks

David Cook
START R6 IT/Data Management Lead
Weston Solutions, Inc.
(469) 666-5505 Direct
(512) 970-8836 Cell

From: Bordelon, David
Sent: Thursday, March 14, 2019 4:20 PM
To: Cook, David <David.Cook@WestonSolutions.com>
Subject: FW: Lowerline Assessment Data

Could you create a GIS project with the attached data? WO 20600.012.001.1227.01

David Bordelon
Weston Solutions, Inc.
13702 Coursey Blvd, Bldg 7
Baton Rouge, LA 70817
(225) 297-5403 Direct
(225) 772-7921 Cell
David.Bordelon@westonsolutions.com

From: Kelly Ausbrooks [mailto:kausbrooks@amrad.com]
Sent: Thursday, March 14, 2019 3:21 PM
To: Bordelon, David <David.Bordelon@WestonSolutions.com>; Greg Lord <glord@aar-llc.com>
Subject: RE: Lowerline Assessment Data

**** External Email ****
I was able to reformat into an Excel file that's small enough to transmit. I didn't embed the images. The file includes all the salient information. Coordinates are in LA state plane, NAD 83 datum, differentially corrected. CPM is from a Ludlum 44-10, gross counts, open window on the 2221 with 1 second export.

Let me know if there's any questions.

KA

Kelly Ausbrooks, MS, CHP
Corporate Radiation Safety Officer

KAusbrooks@aar-llc.com

ARS International, LLC.
2609 North River Road
Port Allen, LA 70767-3469

225.381.2991 Office
270.564.1800 Mobile
225.381.2996 FAX
www.amrad.com

From: Bordelon, David <David.Bordelon@WestonSolutions.com>
Sent: Thursday, March 14, 2019 11:07 AM
To: Kelly Ausbrooks <kausbrooks@amrad.com>; Greg Lord <glord@aar-llc.com>
Subject: Lowerline Assessment Data

Kelly or Greg,

Were you able to set up an FTP site to transfer the Lowerline data?

David Bordelon
Weston Solutions, Inc.
13702 Coursey Blvd, Bldg 7
Baton Rouge, LA 70817
(225) 297-5403 Direct
(225) 772-7921 Cell
David.Bordelon@westonsolutions.com

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