Message

From: Walker, Stuart [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6907CF9284BF4BD5831517C27ECE9C53-SWALKE02]
Sent: 12/16/2020 9:39:04 PM
To: Dolislager, Fredrick G. [dolislagerf1@ornl.gov]
CC: Manning, Karessa [manningkl@ornl.gov]
Subject: RE: HPNS Post processing calculator results

Ex. 5 Deliberative Process (DP)

Stuart Walker
Superfund Remedial program National Radiation Expert
Science Policy Branch
Assessment and Remediation Division
Office of Superfund Remediation and Technology Innovation
W (703) 603-8748
C (202) 262-9986

From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Wednesday, December 16, 2020 4:17 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS Post processing calculator results

Stuart,

Ex. 5 Deliberative Process (DP)

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Wednesday, December 16, 2020 12:59 PM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: [EXTERNAL] RE: HPNS Post processing calculator results

Ex. 5 Deliberative Process (DP)

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Wednesday, December 16, 2020 12:31 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS Post processing calculator results

Stuart,

Ex. 5 Deliberative Process (DP)

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Friday, October 23, 2020 11:29 AM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: [EXTERNAL] RE: HPNS

Ex. 5 Deliberative Process (DP)

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Friday, October 23, 2020 10:34 AM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS

Ex. 5 Deliberative Process (DP)

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Friday, October 23, 2020 9:47 AM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>

Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: [EXTERNAL] RE: HPNS

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Friday, October 23, 2020 6:54 AM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: Re: HPNS

Ex. 5 Deliberative Process (DP)

Get Outlook for Android

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Thursday, October 22, 2020 10:50:41 PM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: [EXTERNAL] RE: HPNS

Ex. 5 Deliberative Process (DP)

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Thursday, October 22, 2020 3:45 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS

Stuart,

Karessa is done looking at it. What do you think?

fred d.

From: Dolislager, Fredrick G.
Sent: Monday, October 19, 2020 2:09 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS

I made a spreadsheet and Karessa is looking at it first.

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Sunday, October 18, 2020 11:22 PM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: [EXTERNAL] RE: HPNS

Ex. 5 Deliberative Process (DP)

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Sunday, October 18, 2020 12:40 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: Re: HPNS

Ex. 5 Deliberative Process (DP)

Get Outlook for Android

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Friday, October 16, 2020, 8:03 PM
To: Dolislager, Fredrick G.
Cc: Manning, Karessa
Subject: [EXTERNAL] RE: HPNS

This looks better. **Ex. 5 Deliberative Process (DP)**

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Friday, October 16, 2020 12:41 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS

Ex. 5 Deliberative Process (DP)

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Friday, October 16, 2020 11:29 AM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: [EXTERNAL] RE: HPNS

Ex. 5 Deliberative Process (DP)

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From: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Sent: Thursday, October 15, 2020 1:10 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Cc: Manning, Karessa <manningkl@ornl.gov>
Subject: RE: HPNS

Here is my attempt at a new user guide section about post processing results. Please comment.

Fred Dolislager

Oak Ridge National Laboratory
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Oak Ridge, TN 37831
(865) 576-5451 w
(865) 241-5523 f
Ex. 6 Personal Privacy (PP) c
fdolislager@utk.edu
http://volweb.utk.edu/~dolislag/

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Thursday, October 15, 2020 12:13 PM
To: Dolislager, Fredrick G. <dolislagerf1@ornl.gov>
Subject: [EXTERNAL] FW: HPNS

Stuart Walker
Superfund Remedial program National Radiation Expert
Science Policy Branch
Assessment and Remediation Division
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From: Walker, Stuart
Sent: Friday, July 24, 2020 11:13 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: RE: HPNS

Hello Wayne,

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Stuart Walker
Superfund Remedial program National Radiation Expert
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From: Praskins, Wayne <Praskins.Wayne@epa.gov>
Sent: Tuesday, July 21, 2020 7:38 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Subject: RE: HPNS

FYI - I pulled the ORNL values for the different receptor scenarios from the 4 spreadsheets. (The last column below provides the minimum of the 4 values.) The corner scenario appears to be the most stringent for all radionuclides:

	ORNL Ext. Exposure PRGs-floor + 6' wall	ORNL Ext. Exposure PRGs-floor + 6' wall	ORNL Ext. Exposure PRGs-floor + 6' wall	ORNL Ext. Exposure PRGs-floor + 6' wall	ORNL Ext. Exposure PRGs-floor + 6' wall
	center, pCi/cm2	corner, pCi/cm2	average, pCi/cm2	center wall, pCi/cm2	minimum, pCi/cm2
Am-241	12.4	7	8.2	8.4	7.2
Cs-137	21.8	13.1	14.7	15.1	13.1
Co-60	5.2	3.2	3.5	3.6	3.2
Eu-152	9.3	5.8	6.5	6.7	5.8
Eu-154	8.9	5.5	6.2	6.3	5.5
H-3					
Pu-239	10.9	6.4	7.2	7.4	6.4
Ra-226	6.3	3.9	4.3	4.4	3.9
Sr-90	251.1	142.7	160.4	166.1	142.7
Th-232	4.7	2.8	3.2	3.2	2.8
U-235	10.9	2.8	7.2	7.4	2.8

Wayne Praskins | Superfund Project Manager
U.S. Environmental Protection Agency Region 9
75 Hawthorne St. (SFD-7-3)
San Francisco, CA 94105
415-972-3181

From: Praskins, Wayne
Sent: Tuesday, July 21, 2020 2:11 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Subject: HPNS

Stuart –

I'll call you about 6 ET.

Ex. 5 Deliberative Process (DP)

Wayne Praskins | Superfund Project Manager
U.S. Environmental Protection Agency Region 9

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San Francisco, CA 94105
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