Message

From: Brasaemle, Karla [Karla.Brasaemle@TechLawInc.com]
Sent: 10/29/2019 3:25:14 PM
To: Craig Bias [cbias@remwerks.com]; Praskins, Wayne [Praskins.Wayne@epa.gov]; Dawson, Jana [Jana.Dawson@TechLawInc.com]
CC: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) [derek.j.robinson1@navy.mil]
Subject: RE: Evaluation of RGs for Buildings

Hi Craig,

Jana was unable to import these files into RESRAD BUILD, so if you can send them to .TXT files that may help.

Karla Brasaemle, P.G.,
TechLaw, Inc.
415-762-0566

From: Craig Bias <cbias@remwerks.com>
Sent: Tuesday, October 29, 2019 7:02 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>; Dawson, Jana <Jana.Dawson@TechLawInc.com>
Cc: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>
Subject: RE: Evaluation of RGs for Buildings

I verified the DCF files do not contain the dose or risk coefficients but rather direct BUILD to their libraries in the installed program folders. I can convert the input files to .TXT files but you would then have to go through the help files to find each parameter abbreviation to see the associated input value. All of the input values and dose coefficients are in the dose output files and the risk coefficients are in the risk output files. I provided the .BLD and .DCF so you could import them as a shortcut to avoid entering your own site specific parameters. Just as with the EPA calculators, all of the needed information to replicate my results are in the provided PDF output files. Hope that helps.

From: Praskins, Wayne <Praskins.Wayne@epa.gov>
Sent: Monday, October 28, 2019 3:32 PM
To: Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>; Dawson, Jana <Jana.Dawson@TechLawInc.com>
Cc: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>; Craig Bias <cbias@remwerks.com>
Subject: RE: Evaluation of RGs for Buildings

Karla/Jana –

Please respond to all to indicate whether you still need PDFs, or can get the information in the files from the report.

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: Craig Bias <cbias@remwerks.com>
Sent: Monday, October 28, 2019 1:14 PM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>
Cc: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>; Brasaemle, Karla

<Karla.Brasaemle@techlawinc.com>; Dawson, Jana <Jana.Dawson@techlawinc.com>
Subject: Re: Evaluation of RGs for Buildings

They are not intended to be opened but imported into RESRAD BUILD. I can try to PDF but I don't know what info they will show. All input information is also in the report.

Craig-Alan C. Bias, PhD, CHP, RRPT
Ex. 6 Personal Privacy (PP)
Email: cbias@remwerks.com
www.remwerks.com

On Oct 28, 2019, at 2:52 PM, Praskins, Wayne <Praskins.Wayne@epa.gov> wrote:

Derek /Craig –

Jana at Techlaw was unable to open the attached files. Can you advise or send as PDFs?

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: Craig Bias <cbias@remwerks.com>
Sent: Wednesday, October 23, 2019 6:43 AM
To: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>
Cc: Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: RE: Evaluation of RGs for Buildings

Wayne,
As requested, attached are all of the referenced and used BUILD input files (.BLD) and the two dose and risk factor libraries (.DCF) created.

Craig
Craig-Alan Bias, PhD, CHP, RRPT
Principal
Remwerks LLC
www.linkedin.com/company/remwerks/
Office: 210-320-1285 Ex. 6 Personal Privacy (PP)
<image002.png>

From: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>
Sent: Tuesday, October 22, 2019 12:13 PM
To: Craig Bias <cbias@remwerks.com>
Cc: Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: RE: Evaluation of RGs for Buildings

Hi Craig,

Could you please send Wayne the requested files?

Thank you, Derek

From: Praskins, Wayne <Praskins.Wayne@epa.gov>
Sent: Monday, October 21, 2019 4:03 PM
To: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>
Subject: [Non-DoD Source] RE: Evaluation of RGs for Buildings

Derek –

With Lyndsey's departure, I am now relying more on Techlaw to review the building RG package you provided on 10/2. In the near future I would like to set up a call with you, me, our Techlaw reviewers, and whoever else you would like to join the call to give Techlaw staff the opportunity to ask questions about the Navy's evaluation. In the interim, could you provide the following to help with our review?

1.) RESRAD Build files (input files) corresponding to all output files.

2.) A copy of the two custom dose conversion factor/slope factor libraries created using the RESRAD Dose Conversion Factor (DCF) Editor, labeled 'HPNS Adult' and 'HPNS Child'.
[It is noted that the DCFs for external exposures for adults were obtained from Federal Guidance Report (FGR) No. 12 (USEPA 1993), DCFs for inhalation and ingestion exposures from International Commission on Radiological Protection Publication 72 (ICRP 1995); and risk coefficients for total cancer morbidity were obtained from the Health Effects Assessment Summary Tables (HEAST) (USEPA 2001).]

Thanks.

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: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>
Sent: Wednesday, October 2, 2019 8:30 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>
Subject: Evaluation of RGs for Buildings

Dear Wayne,

Please see the attached evaluation of radiological remedial goals for buildings. The PRG screening values and a comparison summary table are included in the attached Excel file.

A discussion of input parameters for RESRAD is included in Sections 3.1-3.6 of the word file, along with references. The BRPG input parameters are included in the Excel file. Where applicable, the input parameters in RESRAD-BUILD have been adjusted to be consistent with the default parameters used in both the USEPA Building Dose Compliance Concentrations for Radionuclides (BDCC) and Building Preliminary Remediation Goals for Radionuclides (BPRG) online calculators.

Even though the remedial goals for buildings were memorialized in numerous Records of Decision, the most relevant administrative record is the 2006 Action Memorandum, where the remedial goals were

originally developed. A link to the action memo is located below. Please let me know if other sources of information are requested.

https://www.bracpmo.navy.mil/brac_bases/california/former_shipyard_hunters_point/documents1.html

Please click on the document titled "April 2006, Final Basewide Radiological Removal Action, Action"

Because of the numerous output files for the calculation runs using RESRAD and BPRG calculators, two emails will follow. One with the RESRAD output files and one with the BPRG output files.

I believe that this information is everything you requested as part of the consultative process. Please let me know if you have any questions.

Best Regards,

Derek J. Robinson, PE
Environmental Program Manager
BRAC Environmental Coordinator
Navy BRAC PMO West
33000 Nixie Way; Bldg 50
San Diego CA 92147
Desk Phone: 619-524-6026

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