Message

From: Dolislager, Fredrick [dolislagerf1@ornl.gov]
Sent: 1/19/2021 2:49:31 PM
To: Walker, Stuart [Walker.Stuart@epa.gov]
Subject: RE: Request for search by contractor - due by Jan 19th

Stuart,

I have heard back from Veronique. She no longer is in the public health command. Fortunately, I work for the PHC from time to time supporting their risk needs through ORNL. I had already sent them a request. Veronique also volunteered to answer any historical questions. I sent her my list. Off the list is the CalMeth report since we found that.

I also heard back from the DHS person. Awaiting a reply.

fred d.

I have failed to find links. I have reached to the California team members to see if they are still working.

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Wednesday, January 13, 2021 2:09 PM
To: Dolislager, Fredrick <dolislagerf1@ornl.gov>
Subject: [EXTERNAL] RE: Request for search by contractor - due by Jan 19th

That would be good. If DHS and California have adopted WTC like ingestion parameters that would be great.

Stuart Walker
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From: Dolislager, Fredrick <dolislagerf1@ornl.gov>
Sent: Wednesday, January 13, 2021 12:18 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>
Subject: RE: Request for search by contractor - due by Jan 19th

The airport paper has the exposure parameters in it and equations that look just like ours. DHS may have adopted the airport numbers since they paid for the work. I think California may have adopted the airport numbers too. I can get you a contact at EPA that knows all if you like.

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Wednesday, January 13, 2021 10:40 AM
To: Dolislager, Fredrick <dolislagerf1@ornl.gov>; Burgess, Michele <Burgess.Michele@epa.gov>; Gaines, Linda <Gaines.Linda@epa.gov>
Subject: [EXTERNAL] RE: Request for search by contractor - due by Jan 19th

That would be useful if I had the risk assessment parameters used for the ingestion of dust values for the meth lab, and those used for the airport. If these were adopted nationally that would be best, but if adopted by California that would be good. Since Hunters Point is in California, it would be good to show how the state has adopted similar dust ingestion parameters for other purposes.

It doesn't matter what the contaminant, we don't touch our face a different amount of times per hour.

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From: Dolislager, Fredrick <dolislagerf1@ornl.gov>
Sent: Wednesday, January 13, 2021 10:29 AM
To: Walker, Stuart <Walker.Stuart@epa.gov>; Burgess, Michele <Burgess.Michele@epa.gov>; Gaines, Linda <Gaines.Linda@epa.gov>
Subject: RE: Request for search by contractor - due by Jan 19th

In another life this happened.

In 2006, California adopted a provisional law that requires property owners hire a contractor to assess the property and develop a cleaning plan, then clean the property to reduce contamination to at least 1.5 micrograms per 100 square centimeters; other states, including Washington, Oregon and Colorado, have adopted meth cleanup standards ranging from 0.05 to 0.5 micrograms per 100 square centimeters, the story stated.

https://www.epa.gov/sites/production/files/documents/meth_lab_guidelines.pdf could be fun,

Developing Health-Based Pre-Planning Clearance Goals for Airport Remediation Following a Chemical Terrorist Attack: Decision Criteria for Multipathway Exposure Routes

Annetta Watson, Fredrick Dolislager

This has a surface dust ingestion component I developed based on WTC. California adopted the standards I believe.

fred d.

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Wednesday, January 13, 2021 1:55 AM
To: Burgess, Michele <Burgess.Michele@epa.gov>; Dolislager, Fredrick G. <dolislagerf1@ornl.gov>; Gaines, Linda <Gaines.Linda@epa.gov>
Subject: [EXTERNAL] FW: Request for search by contractor - due by Jan 19th

Fyi, this is what our contractor for RODS searches is looking for on this query.

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From: Sinclair, Andrew <Sinclair.Andrew@epa.gov> **On Behalf Of** SEMS ReferenceDesk
Sent: Tuesday, January 12, 2021 1:40 PM
To: Walker, Stuart <Walker.Stuart@epa.gov>; Cox, Deborah <Cox.Deborah@epa.gov>; SEMS ReferenceDesk <SEMS_ReferenceDesk@epa.gov>
Cc: Gilbert, Edward <Gilbert.Edward@epa.gov>; Sutton, Jennifer <sutton.jennifer@epa.gov>; Reynolds, David <Reynolds.David@epa.gov>
Subject: RE: Request for search by contractor - due by Jan 19th

Hi All-

We are coordinating with the SEMS Team on this request, and will be tracking our work under SURS-14687. We will reach out ASAP with any questions or updates, feel free to send along any additional questions or requirements in the meantime. Thanks!

Drew

I work for Booz Allen Hamilton, a contractor to OSRTI/IMB. I have been tasked by OSRTI/IMB to send this information/request and receive your replies. Please contact the SEMS Reference Desk by email at SEMS_ReferenceDesk@epa.gov, or contact the TOCOR, William Bushee at (703)603-8963 if you have any questions or comments

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From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Tuesday, January 12, 2021 12:05 PM
To: Cox, Deborah <Cox.Deborah@epa.gov>; SEMS ReferenceDesk <SEMS_ReferenceDesk@epa.gov>
Cc: Gilbert, Edward <Gilbert.Edward@epa.gov>; Sutton, Jennifer <sutton.jennifer@epa.gov>; Reynolds, David <Reynolds.David@epa.gov>
Subject: RE: Request for search by contractor - due by Jan 19th

Thanks Deborah, some of my thoughts in response are in red text below.

Stuart Walker

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From: Cox, Deborah <Cox.Deborah@epa.gov>
Sent: Tuesday, January 12, 2021 11:51 AM
To: SEMS ReferenceDesk <SEMS_ReferenceDesk@epa.gov>
Cc: Gilbert, Edward <Gilbert.Edward@epa.gov>; Sutton, Jennifer <sutton.jennifer@epa.gov>; Reynolds, David <Reynolds.David@epa.gov>; Walker, Stuart <Walker.Stuart@epa.gov>
Subject: FW: Request for search by contractor - due by Jan 19th

All, Thank you for providing the SEMS 2.0 overview today to TAB during our weekly meeting. Below is the request I mentioned TAB received from Stuart Walker and would be great if SEMSs Ref Desk can help. Before I knew of the SEMS Ref Desk option, I reached out to the TO02 contractor for brainstorming how TAB might be able to help Stuart – the below italics is their quick response but as this has a cost involved, if this request is best fielded by the SEMS Reference Desk that would be great to know.

Outside of the remedial program I cannot think of a quick way to find sites that had conducted a risk assessment for building dust.

Within remedial the closest thing I can think to do off the top of my head is to search for buildings where building sealant was selected as a remedy as that is done specifically when there is contaminants in dust. Often done for lead dust but could be for other contaminants. Then I would pull the COCs associated with the media with the remedy. However, plenty of times they demolish contaminated buildings either remediate or demolish the building is ok with me and with rad waste often "grout in place" which I could also search for but the contamination in those cases may not have been limited it does not have to be dust only, it could be dust (removable) and 3d (fixed) contamination to dust.

I do not personally know of a way to search removal action data as I do not have that data or know how it is stored but I could ask Therese and others if they know.

So anything I can easily give you is remedial only, if I stuck to sites selecting building sealant this is a very quick search if I stick to data through 2017, could start with going back to 2017, but I would look back further. I think the number of sites is low the only thing I would have to look up is land use. If I also look at anytime a building was grouted in place or demolished I would need to look further if you want to know specifically if they had inhalation issues I am looking for ingestion, not inhalation. Inhalation besides VI would also capture a lot of asbestos risk assessments so they would be a heavier lift.

I can look at indoor air remedies but they are often associated with vapor intrusion for VOCs and you may not be looking for that. Correct, I am not looking for vapor intrusion or indoor radon.

Another thought is to pull Decontamination of buildings with certain COCs, I would want to narrow that with you but there are only 115 instances of building decon. being selected.

Thinking asbestos will likely be inhalation, not ingestion, PCBs, lead, some specific rads beryllium comes to mind?

There are also suggested if you have some specific contaminants you are looking for I don't. Any rad or chem contaminants in dust where we conducted a risk assessment of someone ingesting the dust we could do it in reverse and search for dust related contaminants, like lead, asbestos, pcbs, specific rad, and others that we have in buildings media and see what they did.

V/r,
Deborah P. Cox, PE
Commander | U.S. Public Health Service
Technology Assessment Branch
Office of Superfund Remediation & Technology Innovation
EPA Office of Land and Emergency Management

From: Walker, Stuart <Walker.Stuart@epa.gov>
Sent: Monday, January 11, 2021 5:30 PM
To: Gilbert, Edward <Gilbert.Edward@epa.gov>
Cc: Libelo, Laurence <Libelo.Laurence@epa.gov>; Fitz-James, Schatzi <Fitz-James.Schatzi@epa.gov>
Subject: Request for search by contractor

Hi Ed

I wanted to request a run by your contractor in support of site dispute that senior management is involved. This is a time critical response. I would like to have a response to this request by COB Tuesday January 19 so that I have time to Q/A the response. I can discuss with you if you have any questions (after 2 pm Tuesday tomorrow).

I am looking for sites where we have selected a cleanup of chemically or radiologically contaminated dust in buildings using an EPA methodology to establish the risk of ingestion of the contaminated dust.

The information requested should include the following:

1. Name of the Site
2. City and State
3. Federal facility or private site
4. NPL Yes or No
5. Type of response action for risk assessment (remedial, NTC removal, TC removal, Emergency removal)
6. Media being addressed indoors (dust, air, 3D)
7. Land use for buildings (residential, workers)
8. Contaminants in the dust

For finding sites where a risk assessment was conducted to assess the ingestion of radioactively contaminated dust, I think some useful search terms would be “BPRG” and "Preliminary Remediation Goals for Radionuclides in Buildings at Superfund Sites". This would attempt to capture most of the time EPA used our preferred model for addressing radioactively contaminated buildings at CERCLA sites which is found at: https://epa-bprg.ornl.gov/

For finding sites where a risk assessment was conducted to assess the ingestion of chemically contaminated dust in buildings, the only document I can think to cite is the “World Trade Center Indoor Environment Assessment: Selecting Contaminants of Potential Concern and Setting Health-Based Benchmarks” which is found at https://archive.epa.gov/wtc/web/pdf/contaminants_of_concern_benchmark_study.pdf. Three other search terms might be “WTC”, “World Trade Center”, or “dust ingestion”.

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