From: Casey, Carolyn
To: Ballew, Mary
Subject: FW: spread sheets from screening level calculator
Date: Wednesday, April 11, 2018 7:25:00 AM
Attachments: USM suite 157J 1 Resident_visl_19MAR2018_visl32244.xml
USM Bldg 500 max of 3 samples Resident_visl_19MAR2018_visl32439.xml
USM Suite 135C IDA greater of samp or dup Resident_visl_19MAR2018_visl15057 (3).xml

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Wow, lots of info!

Refer to the attached file USM 135C… And the list is under the VISL-Risk tab

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From: Casey, Carolyn
Sent: Tuesday, March 20, 2018 4:24 PM
To: Ballew, Mary <ballew.mary@epa.gov>
Cc: Wainberg, Daniel <Wainberg.Daniel@epa.gov>
Subject: spread sheets from screening level calculator

For a summary of the attached draft results using the VISL calculator, please see the draft table below.
Mary do we look at target organs from cancer and non-cancer risk?
I'd like to pass this by the state after we hear about additional IUR factors to see if we are on the same page about total risk and a VI pathway. Assuming we are in agreement, then consider asking the facility to complete this or something similar for the other areas.

	Number of samples proposed/valid	Based on IDA sampling cumulative cancer risk (all results summed regardless of target organ)	Based on IDA sampling HQ (all results summed regardless of target organ)	Evidence of VI - based on SSV & IDA comp. note no bkg sample or GW data used in multiple lines of evidence eval due to potential data QA/QC issues	Below conservative screening point of departure 1E-6 CR and 0.1 HQ
Building 500	3/3	1E-5	0.866	maybe	NO
Building 100 Suite 157J	3/3	4.62E-6	0.431	YES – one or more soil vapor samples exceeded the detected IDA concentration (~22 COCs exc)	NO
Bldg 100 Suite 135C.3 or Duplicate	3+ dup/2 + dup (or 3 + dup ? – one reading of -0.41)	4.53E-5	2.29	YES – one or more soil vapor samples exceeded the	NO

				detected IDA concentration	
Bldg 100 Suite 149J	3/1 (or 2? – one reading 0 and another -0.85)			YES	
Elliot Landing	0			NO IDA data- Consider J&E and VISL Calc with soil vapor data	
Building 600	3 + dup/3 + dup			Probably	