Message

From: Chris Parks [cparks@iwmconsult.com]
Sent: 4/19/2019 2:48:24 PM
To: Bury, Carolyn [bury.carolyn@epa.gov]; Brad Gentry [bgentry@iwmconsult.com]
CC: Joe Bianchi (jbian@amphenol-aao.com) [jbian@amphenol-aao.com]; Neal, Conor [Neal.Conor@epa.gov]; Sundar, Bhooma [sundar.bhooma@epa.gov]
Subject: RE: Amphenol IM
Attachments: ATT00001.txt; Soil to GW to IDEM VI Screening Levels 2019-04-19.pdf; IDEM 2016, Appendix A, Equation A-9.pdf

Carolyn,

Attached are the back-calculated soil migration to groundwater screening levels based on the IDEM screening levels as we discussed during the meeting last week. These screening levels do not differ much from the back calculated EPA VISLs using IDEM's default groundwater temperature of 12.5° C, which is realistic for site conditions. Since we have been basing decisions on priority residence mitigation based on IDEM screening levels, it would make sense to base the back-calculated soil migration to groundwater screening levels based off of IDEM's screening levels as well, as there would not be much difference between the IDEM and EPA levels. I have attached a copy of the calculation used to obtain these screening levels, as included in the current IDEM Remediation Closure Guide.

Thank you,
Chris

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From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Thursday, April 18, 2019 5:49 PM
To: Brad Gentry <bgentry@iwmconsult.com>
Cc: Chris Parks <cparks@iwmconsult.com>; Joe Bianchi (jbian@amphenol-aao.com) <jbian@amphenol-aao.com>; Neal, Conor <Neal.Conor@epa.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>
Subject: Amphenol IM

Brad –

Please send the team these items, they don't have to be all at once, but this will help us ID the step-outs.

1. X-sections from meeting – WT relative to sewers along Forsythe
   - Conceptual site model
2. Screening levels that are back-calculated from EPA GW VISL
3. Table of sample locations in vadose zone above MTGWSL and also the SLs developed above.
4. Proposed VOC limits for saturated soils and the basis

Thanks.
Carolyn

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