From: James Wells
To: Wetmore, Cynthia
Subject: Montrose GW System
Date: Friday, February 20, 2015 3:54:20 PM

Hi Cynthia,
Can you help me with what's probably a dumb question about operation of the full scale system? I understand that pCBSA is expected to break-through the liquid GAC fairly quickly (thus LGAC is not expected to reduce pCBSA concentration in reinjection water). Breakthrough occurs when all the sorption sites are filled with pCBSA, so wouldn't there be breakthrough for pesticides and benzene and TCE and other stuff too since all the sites in the GAC are occupied by pCBSA? Or are the sorptive characteristics of the other organics so different that they can still be removed even if pCBSA is breaking through? On a related note: what do we know about pCBSA sorption? Have you folks generated a Koc for this compound?
Thanks,
Jim W

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