From:	Hutton, Richard H
To:	Miller.Scott@epamail.epa.gov
Cc:	Cunningham, Anthony L; Greg Council; Helton, Kelsey; Herget, Ron G; Jim Erickson; John Mousa; John Herbert; Kevin Koporec; Mitchell Brourman (mitch.brourman@hanson.biz); Osteen.Bill@epamail.epa.gov; Richard E. Jackson; Richardson, David M; Robin Hallbourg; Stanley Feenstra
Subject:	FW: ISBS / Now ISGS
Date:	Monday, March 08, 2010 8:33:05 AM
Attachments:	ISBS generic white paper oct 2008_Final.pdf ATT00001..txt Thomson et al 2008.pdf ATT00002..txt

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Scott,

See the attached e-mail and papers regarding ISBS.

Rick Hutton, P.E.
Supervising Utility Engineer
Strategic Planning
Gainesville Regional Utilities
(352) 393-1218
-----Original Message-----
From: Stanley Feenstra [mailto:dnapl@sympatico.ca]
Sent: Thursday, March 04, 2010 10:09 AM
To: John Herbert; Richard Jackson; Hutton, Richard H
Subject: ISBS / Now ISGS

Hi All,

I was just looking at the Adventus promotional literature a while back and noted reference on the effectiveness of ISBS to work done by UWaterloo at Borden by Neil Thomson of Civil Engineering. I had a draft manuscript of this work but did not have the final article till this week. Thomson, found that the initial 35% to 50% reduction in coal tar mass discharge from the treated source zone rebounded back to initial levels after 4 years in a small-scale field experiment. No doubt Adventus has a reason why different conditions might apply to Beazer.

In any event, here is the Adventus literature (again) and the Thomson article.

Best Regards,
Stan