From:	James Wells
To:	Wetmore, Cynthia
Subject:	RE: Additional Montrose results
Date:	Monday, April 06, 2015 10:19:41 AM
Attachments:	image001.png

Hi Cynthia,
Wow, 630,000 is a big number!
Would Montrose need to do some additional modeling runs to verify adequacy of a new pumping scheme?
Best, Jim W

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From: Wetmore, Cynthia [mailto:Wetmore.Cynthia@epa.gov]
Sent: Thursday, April 2, 2015 4:31 PM
To: Cynthia Babich
Cc: Miranda Maupin; pemodog@sbcglobal.net; LEONIDO-JOHN, STEVEN; Barton, Dana; Sanchez, Yolanda; Yogi, David; Safouh.Sayed@dtsc.ca.gov; Scandura, John@DTSC; Senga, Robert@DTSC; James Wells
Subject: Additional Montrose results

Hi Cynthia,

EPA has recently received updated sampling results. After the last Phase I test sampling results came back, Montrose elected to go back and re-sample the extraction wells, with EPA approval. Montrose has tested the treatment system for a short duration three times, and all three results had higher than anticipated influent pCBSA levels. The reason why is now apparent. Extraction well UBA-EW-1 had increased pCBSA concentrations by a factor of nearly ten. This well is located on the Montrose property and does not pose an immediate risk to the community.

However, it does mean that Montrose will need re-evaluate the pumping strategy in the short term to minimize excessive pCBSA entering into the groundwater treatment system. This may lead to adjustments in the pumping strategy. This type of adjustment is not uncommon especially since design and construction has taken years. Groundwater moves and shifts, and changes in concentrations are expected.

EPA will ensure that the revised pumping strategy will continue to support the ability of the system to contain the contamination, stop the migration of the dissolved plume, and clean up the dissolved plume as required in the ROD.

Thanks, Cyntia W.

TGRS Extraction Well	pCBSA Concentration (ug/L)	
	Prior Result	March 2015
UBA-EW-1	76,000	630,000
UBA-EW-3	37,000	13,000
BF-EW-1	130,000	Not Yet Sampled
BF-EW-2	100,000	56,000
BF-EW-3	19,000	15,000
BF-EW-4	24,000	25,000
BF-EW-5	140,000	130,000
G-EW-1	10,000	Not Yet Sampled
G-EW-2	9,800	34,000
G-EW-3	3,700	4,800
G-EW-4	21,000	24,000

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