

Weissbach, Annette E - DNR

From: Stanforth, Robert [Robert.Stanforth@rmtinc.com]
Sent: Thursday, May 20, 2010 12:15 PM
To: Weissbach, Annette E - DNR
Cc: Sellwood, Alyssa
Subject: Groundwater results from May sampling
Attachments: Kewaunee Groundwater As Concentrations Table.docx

Annette

Attached is a table presenting the May 2010 groundwater sampling results, along with the previous results from STS. The field notes will be ready shortly. Would you like us to send the lab data sheets directly, or write up a short report and include them?

Bob

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Kewaunee Groundwater Arsenic Concentrations

Location	Arsenic Concentration (µg/L) on									
	8/13/02	11/21/02	2/26/03	6/11/03	11/2/04	4/27/05	7/14/05	11/1/05		5/4/10
MW02-1	4.06	1.57	1.53	<1.3			3.2			3.3J
MW02-1 I	2.1	1.39	1.93	<1.3			<1.2			1.6J
MW02-1 D	7.04	5.61	<1.3	1.73			6.5			6.8J
MW02-2	5.73	1.4		1.58			1.9			3.0J
MW02-2 I	1.43	<1.3		<1.3			1.5			10.1J
MW02-3	258	197	92.8	95.2	33.8	18.7	27.2	36.9		1,430
MW02-3 I	39.6	6.19	7.27	19.5	18.4	10.1	9.9	13.3		13.2J
MW02-3 D	4.91	4.93	1.31	2.6	6.0	<1.2	1.2	<1.2		5.3J
MW02-4	594	497	210	957	1,270	1,910	1,090	3,140		4,390
MW02-4 I	169	46.5	10.2	12.9	1.49	9.0	8.5	13.4		10.9J
MW02-4 D			67.6	16.6	38.4	24.1	24.1	44.1		38.4
MW02-5	370	748	182	1210	1,880	862	668	5,400		2,310
MW02-5 I	4.97		3.31	<1.3	6.1	9.7	7.0	5.8		6.8J
MW02-6	500	140		534	1,140	375	657	1,620		2,250
MW02-6 I	92.1	40.9	6.85	12.6	16.3	10.8	7.4	6.3		32.1
MW02-7	76.8	21.3	9.87	33.5	75.4	55.3	1.9	57		75.6
MW02-7 I	2.19	2.31	<1.3	<1.3	1.7	1.2	51	1.5		<1.3
MW02-7 D	2.38	1.61	<1.3	<1.3			<1.2			<1.3
MW02-8				86.2	191	111	154	82.4		136
MW02-8 I				<1.3			3.6			13.4J
MW04-9					607	115	110	107		42.7
MW04-10					1,380,000	1,770,000	1,630,000	1,950,000		2,840,000
MW04-11					5.1	4.8	9.6	2.4		3.9J
MW04-12					2.0	2.6	2.9	10.6		4.4J
MW04-13					1.9	1.5	1.8	30.1		1.8J

Kewaunee Groundwater Arsenic Concentrations

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	8/13/02	11/21/02	2/26/03	6/11/03	11/2/04	4/27/05	7/14/05	11/1/05		5/4/10
GW01-1		8.39		<1.3			<1.2			51.1
GW01-2		31.1		36.8	29.9	14.6	26.2	56.2		236
GW01-3		42.5	14.1	31.6	33.7	485	146	88.2		250
GW01-4		4.92	<1.3	12			7.7			43.7
GW01-5		36.2	19.5	407	69.1	138	57.9	201		165
GW01-6		2,030	637	4,750	4,190	4,390	2,490	5,460		5,000
GW01-7										102
GW01-8		50.3		157	86.3	500	90.6	171		631
GW01-10		<1.3		<1.3			<1.2			<1.3
GW01-11										232
GW-D										2.1J
GW-E										<1.3J

Prepared By: B.Stanforth 5/19/10

Checked by: A. Sellwood 5/20/10

Notes

1. Samples from 1992 through 2005 were collected by STS. The samples from May 2010 were collected by RMT.
2. The results represent those collected as filtered samples.