

DEPARTMENT OF THE ARMY CAMP STANLEY STORAGE ACTIVITY, MCAPP 25800 RALPH FAIR ROAD, BOERNE, TX 78015-4800

December 21, 2006

U-021-07

Mr. Bryan Smith Texas Commission on Environmental Quality Industrial and Hazardous Waste Permits Section P.O. Box 13087 (MC-130) Austin, TX 78711-3087

Subject: Quarterly Status Report of the Pilot Study Class V Aquifer Remediation Substrate Injection Well Activities at Camp Stanley Storage Activity, Boerne, Texas, TCEQ Authorization No. 5X2600408 WWC11140446/ CN602728206/RN104431655

Dear Mr. Smith:

The Camp Stanley Storage Activity (CSSA), McAlester Army Ammunition Plant, U.S. Army Field Support Command, Army Materiel Command, U.S. Army, is submitting this quarterly report summarizes the injection activities performed at the on-post Solid Waste Management Unit (SWMU) B-3 site. This report summarizes activities that were conducted between August 1 and October 31, 2006, under the abovereferenced Class V UIC Inventory Authorization application.

A pilot study is being performed at the SWMU B-3 site to evaluate the effectiveness of enhanced anaerobic biodegradation (EAB) for treatment of chlorinated compounds in groundwater. The pilot study well location map is shown on Figure 1. The pilot study included the injection of a conservative tracer to evaluate groundwater flow conditions followed by the injection of an organic substrate mixture for the EAB evaluation. Both the tracer and substrate mixtures were injected into monitoring well CS-B3-MW01 under the approved SWMU B-3 UIC Class V Inventory Authorization Form.

Between March 15 and April 8, 2006 Parsons completed the injections for the EAB pilot study. In March 2006, 5 gallons of a conservative tracer consisting of a mixture of potassium iodide and water was injected into monitoring well CS-B-3-MW01 and samples were collected from downgradient monitoring points. In April 2006, an organic substrate mixture was injected into monitoring well CS-B3-The substrate mixture was comprised of 100 gallons of sodium MW01. lactate, 170 gallons of vegetable oil emulsion, and 2,900 gallons of VOC-impacted groundwater. Following injection of the organic substrate, groundwater monitoring was initiated to assess the geochemical changes occurring in the aquifer. additional No injections were conducted at the site and no future injections are currently planned.

During the past quarter, groundwater monitoring was conducted in August and October, 2006. Groundwater samples were previously collected during May and June, 2006. Samples were collected from the injection well (CS-B3-MW01) and downgradient monitoring points CS-WB05-LGR-03B, CS-WB05-LGR-04A, CS-WB05-LGR-04B, CS-WB05-BS01, CS-WB05CC01, CSOWB05-CC02, CS-MW16-LGR, and CS-MW16-CC. The groundwater samples were analyzed for volatile organics, methane, ethane, ethene, carbon dioxide, manganese, nitrate/nitrite, ferrous iron, alkalinity, total organic carbon, chloride, bromide, sulfate/sulfite, and volatile fatty acids (acetic acid, butyric acid, etc.).

Review of the monitoring results performed during the quarter indicates that the groundwater is continuing to become more anaerobic as a result of the increase in microbial activity degrading the organic substrate material. Contaminant concentrations have declined and geochemical indicators such as dissolved oxygen and oxygen reduction potential indicate that the groundwater geochemistry is becoming more anaerobic. Concentrations of byproducts such as methane and carbon dioxide have increased due to the breakdown of the organic Concentrations of manganese, nitrate, and sulfate have material. decreased whereas nitrite, ferrous iron, chloride, and bromide have increased due to oxidation/reduction reactions associated with microbial activity within theaquifer. Additionally, the concentrations of volatile fatty acids have increased which can also be attributed to an increase in microbial activity. The postinjection sample results for August and October 2006 are summarized in Table 1 along with pre-injection results collected in January 2006 for comparison.

CSSA plans to continue the SWMU B-3 pilot study by continuing the groundwater monitoring to assess the progression of anaerobic biodegradation processes. At this time, CSSA does not plan to perform additional injections at this site. Since no further injections are planned at this time, CSSA requests suspending the quarterly reporting required under the UIC Inventory Authorization indefinitely. If future injections are performed, the TCEQ will be notified in advance and the quarterly status reports will be prepared to summarize those injections and associated monitoring results.

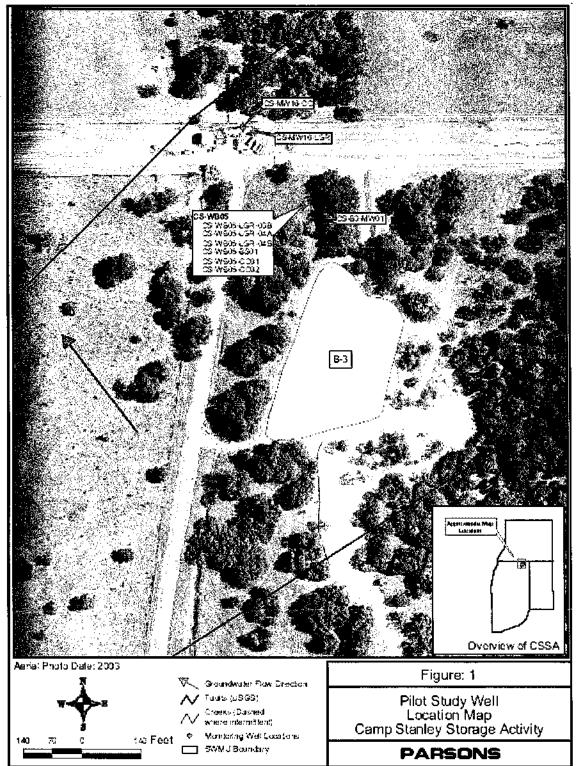
If you have any questions regarding the information contained in this letter, please feel free to contact Glare Sanchez, CSSA Environmental Program Manager, at (210) 698-5208 or Gary Cobb, Parsons, at (512) 719-6011.

Sincerely,

Jason D. Shirley Installation Manager

Attachments

cc: Glare Sanchez, CSSA Environmental Program Manager Julie Burdey, Parsons Brian Vanderglas, Parsons File: 744223.06000





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Table 1 Summary of Groundwater Monitoring Results SWMU B-3 Enhanced Anaerobic Biodegradation Pilot Study Camp Stanley Storage Activity, Texas

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	I		PCE (µg/L)					TCE (µg/L)					sDCE (µg/L					nsDCE (µg/l					Chloride (µg		
Well	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06
CS-B3-MW01	15.0	4.73	ind	nd	0.811 F	30.7	10.1 T	1,46	nd	0.639 F	57,8	16.9	48.1	49,7	31.8	nó	nd	nđ	nd	nd	nd	nà	nd	nd	nd
WB05-LGR-03B	45.8	31.6	nd	՝ րվ	ba	78.3	46.6	48,3	76,9	60,7	69.6	54.4	39.2	41.2	31.9	nd	nd	nd	1.51	0,847 F	nd	nd	nd	nd	nd
WB05-LGR-04A	22.5	nd	15,2	nd	0.449 F	54,6	16.5	28.4	27.5	39,9	111	17.6	37	25.5	29.4	nđ	nd	1.01	nd	0.294 F	nd	nd	nd	nd	nd
WB05-LGR-04B	586	239	417	296	160	562	280	491	324	201	624	355	506	329	272	nd	nd	nd	nd .	nd	nd	nd	ndi	nd	nd
WB05-BS-1	87,7			17.8	59.8	84,0									61.1	1.61 F	-		nd	nd	nd	-	-	nd	nd
			-						20.3	67.2	95.8	-	-	30.5										nd	nd
WB05-CC-01	130			263	226	152		-	200	172	201			203	162	3.52 F			3.54	nd	nd	-			
WB05-CC-02	214			188	167	269		- 1	203	220	350			275	236	4.79 F	-		1.71 F	nd	nd			nd .	ba
CS-MW16-LGR	47.3		-		64.3	48.0			_	63.7	46.9			- 1	56,5	_1,36 F			-	<u>nd</u>	nd			-	nd
CS-MW16-CC	4.45 F	- 1		2.34	ba	28,0			55.6	59,3	67,6		-	78.9	96.8	12.1		-	16.4	12.3	nd		-	0.828 F	nd
																				•					
	1		Ethane (µg/L)			F	Sthene (µg/L)	}			M	iethane (µg/l	2				DO		i			ORP (mV)		
Well	Jan-06	May-06	յաթ-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06
CS-B3-MW01	nd	4,76	nd.	nd										8510	11000	5,53	3.31	2.86	3.07	3.69	157.5	-126.9	-21.9	-70.5	+126.1
WB05-LGR-03B					_ nd	nd	3.55	nd	nd	nđ	1.14 F	4.64	505									26,9	-25.0	-40,9	-131.4
	nd	nd	ba	nd	nd	nd	<u>nd</u>	nd	nd	nđ	nd	nd	41.7	6.98	29,4	7.65	5.10	3.95	5,78	6.43	153.6				
WB05-LGR-04A	nđ	nd	ุกป	nd	<u>ba</u>	nd .	ndi	nd	nd	nd	1.38 <u>F</u>	2.67	3.5	58.6	35.5	7.51	4,09	3.85	4.47	5.75	-39.9	-79.6	-97.5	-119.6	-95,4
WB05-LGR-04B	nđ	<u>nd</u>	nd	nđ	'nd	nđ	nd	nd	nd	nd	nd	ba	'nđ	nd	1.34 F	8.26	6.45	6,68	9.71	<u>8.7</u> 2	166,4	129.0	52.9	60.9	31.2
WB05-BS-1	nd	-	·	nd	nd	nd	-	-	nđ	nd	2.52	-	**	2.18	256	7.80			8.30	8.23	69.4		<u> </u>	-34,1	-66.7
WB05-CC-01	ud	- 1		od	nd	nd	- 1	-	nd	ba	2.82			11.2	39.5	9.89	-		8.73	8.05	47.8	-	-	-63.1	-111.5
WB05-CC-02	nđ			nd	nd	nd		_	nd	ក៤	10,5		_	118	168	8,54	-		8.99	10.24	60.4		_	-60.7	87.5
CS-MW16-LGR	nd				nd	nd		··· _ · ·	-	nd	2,78				38	8,30			-+	5.31	192.3	-	*7		-32.1
CS-MW16-CC	nď	-		nd	nd	1.75	-	-	ba	ba	35.8			1430	77,2	7.70	_		3,30	4.91	143.1	_		-204.7	-159
	114				atv					291	33.0	1 -	-	1-10	* * , 4	7.70	-		<i></i>		1.40.1				
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	1	1	Nitrate	i .	!			Nitrite			1		Мп		I			Ferrious Iron		1			TOC		l
Weil	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06	Jan-06	May-06	Jun-06	Aug-06	Oct-06
CS-B3-MW01	0.386	nd	ಗರ	155	nd	' nd	0.218	0,039	0.041	0.053	Dđ	0.384	0,971	0.690	0.435	0,04	8.52	12.5	12.3	2.35	4,6	609	773	807	472
WB05-LGR-03B	0.016	nd	nd	ba	nd	nd	nd	0.003F	nd	nd	0.8	0.00401F	.005F	0.00347 F	.00495 F	0,01	0.048F	0.33	nd	0.398	1.7	nd	1.4	0.88 F	0.88 F
WB05-LGR-04A	nd	nd	nd	ba	nd	nd	nd	0.003F	nd	0.004 F	nd	0.00687F	0.89F	0.00677 F	0.00629 F	0.1	0.224	0.047F	nd	0.25	3.4	nd	1.2	2.1	2.1
WB05-LGR-04B	0.697	0.723	1.11	1.08	0.991	nd	0.003F	0.002F	nd	nd	0.1	0.00154F	nd	0.00072 F	0.00634 F	nd	nd	nd	nd	ba	1.2	0.64F	0.67F	2.6	nd
WB05-BS-1	nd	-		nd	0.007 F						0.1			0.00316 F	0.00194 F	nđ			nd	nd	0.51 F			1.7	nd
WB05-CC-01	nd nd		~			nd			nd	<u>nd</u>										0.525				0.73 F	nd
				<u>nd</u>	0,004 F	nd		-	nd	nd	0.4	<u> </u>	-	0.00334 F	0.00717 F	0.05	-	-	nđ		nd				
WB05-CC-02	0.006 F	<u> </u>		1 nd	0.004 F	nd	_		ba .	ba	0.3	- 1	-	0.003 F	0.0074 F	0.1	<u> </u>		0.493	0.536	2.1	<u>+</u>	-	1.4	nd
													_												
CS-MW16-LGR	0.014				0.921	nd	-		-	nd	nd		•		0.0175	0. <u>1</u> 3		-		0,148	0,43 F				nd
CS-MW16-LGR CS-MW16-CC	0.014 nd	-		nd	0.921 nd	ba ba	-	. —	 nd	nd 0.003 F	nd nd	-			0.0175 0.0101 F	0. <u>13</u> 0.7	-		0.282	0 <u>,1</u> 48 0.889	0,43 F 5.00		-	2.4	nd nd
								-					-										-		
CS-MW16-CC	nd	<u> </u>	 Chloride	nd	nđ	nd		Bromide	ba	0.003 F	i nd	-	 Sulfate	0,0211	0.0101 F	0.7	-	 Sulfide	0.282	0.889	5.00	<u> </u>		2.4	лd
CS-MW16-CC	nd Jan-06	- 	 Chloride Jun-06	nd Aug-06	nd 	nd Jan-06	- 	 Bromide Jun-06	nd Aug-06	0.003 F Oct-06	ind Jan-06	- May-06	 Sulfate Jun-06	0,0211 Aug-06	0.0101 F	0.7 Jan-06	- May-06	 Sulfide Jun-06	0.282 Aug-06	0.889 Oct-06	5.00 Jan-06	- May-06	- CO2 Jun-06	2.4 Aug-06	nd Oct-06
CS-MW16-CC Well CS-B3-MW01	nd Jan-06 24.1	- May-06	Chloride Jun-06 26.2	nd Aug-06	nd Oct-06	nd Jan-06	- <u>May-06</u> 30.9	 Bromide Jun-06 30,4	nd Aug-06 36,7	0.003 F Oct-06 35.5	nd Jan-06)41	- <u>May-06</u> 1.24	 Sulfate Jun-06 od	0,0211 Aug-06	0.0101 F	0.7 Jan-06	- May-06 0.010F	 Sulfide Jun-06 0.424	0.282 Aug-06 0.224	0.889 Oct-06 <u>0.</u> 06	5.00 Jan-06 52,5	- <u>May-06</u>	 CO ₂ Jun-06 570	2.4 Aug-06	nd Oct-06 282
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B	nd Jan-06 24.1 14.8	- May-06 24.5 13.3	 Chloride Jun-06 26.2 11.8	nd Aug-06 19.0 12.9	nd Oct-06 17.3 13.0	nd Jan-06 0.240 0.190 F		 Bromide Jun-06	nd Aug-06 36,7 0,100 F	0.003 F Oct-06 35.5 nd	nd Jan-06)41 61.8	- <u>May-06</u> 1.24 69.7	 Sulfate Jun-06 od 34.7	0,0211 Aug-06 0.23 72.5	0.0101 F Oct-06 0.36 70.4	0.7 Jan-06 0.02 0.01	- May-06 0.010F 0.008F	 Sulfide Jun-06 0.424 0.531	0.282 Aug-06 0.224 0.018 F	0.889 Oct-06 0.06 0.09	5.00 Jan-06 52.5 134	- <u>May-06</u> 570 312	- CO ₂ J <u>un-06</u> 570 290	2.4 Aug-06 627 339	nd Oct-06 282 99.5
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A	nd Jan-06 24.1 14.8 15.9	- May-06	Chloride Jun-06 26.2	nd Aug-06	nd Oct-06	nd Jan-06	- <u>May-06</u> 30.9	 Bromide Jun-06 30,4	nd Aug-06 36,7	0.003 F Oct-06 35.5	nd Jan-06)41	- <u>May-06</u> 1.24	 Sulfate Jun-06 od	0,0211 Aug-06	0.0101 F	0.7 Jan-06	- May-06 0.010F	 Sulfide Jun-06 0.424	0.282 Aug-06 0.224 0.018 F 0.168	0.889 Oct-06 0.09 0.259	5.00 Jan-06 52.5 134 182	- May-06 570 312 285	- CO ₂ Jun-06 570 290 325	2.4 Aug-06 627 339 336	nd Oct-06 282 99.5 24.6
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B	nd Jan-06 24.1 14.8	- May-06 24.5 13.3	 Chloride Jun-06 26.2 11.8	nd Aug-06 19.0 12.9	nd Oct-06 17.3 13.0	nd Jan-06 0.240 0.190 F			nd Aug-06 36,7 0,100 F	0.003 F Oct-06 35.5 nd	nd Jan-06)41 61.8	- <u>May-06</u> 1.24 69.7	 Sulfate Jun-06 od 34.7	0,0211 Aug-06 0.23 72.5	0.0101 F Oct-06 0.36 70.4	0.7 Jan-06 0.02 0.01	- May-06 0.010F 0.008F	 Sulfide Jun-06 0.424 0.531	0.282 Aug-06 0.224 0.018 F	0.889 Oct-06 0.06 0.09	5.00 Jan-06 52.5 134	- <u>May-06</u> 570 312	- CO ₂ J <u>un-06</u> 570 290	2.4 Aug-06 627 339 336 295	nd Oct-06 282 99.5 24.6 229
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A	nd Jan-06 24.1 14.8 15.9	- May-06 24.5 13.3 11.8	 Chloride Jun-06 26.2 11.8 12.4	nd Aug-06 19.0 12.9 12.1	nd Oct-06 17.3 13.0 11.5	nd Jan-06 0.240 0.190 F 0.180 F		Bromide Jun-06 30.4 nd nd	nd Aug-06 36.7 0,100 F 0.080 F	0.003 F Oct-06 35.5 nd nd nd	nd Jan-06)41 61.8 38.8		 Sulfate Jun-06 nd 34.7 65.2	0,0211 Aug-06 0.23 72.5 33,4	0.0101 F Oct-06 0.36 70.4 31.5	0.7 Jan-06 0.02 0.01 0.06	- May-06 0.010F 0.008F nd	 Sulfide Jun-06 0.424 0.531 0.043	0.282 Aug-06 0.224 0.018 F 0.168	0.889 Oct-06 0.09 0.259	5.00 Jan-06 52.5 134 182	- May-06 570 312 285	- CO ₂ Jun-06 570 290 325	2.4 Aug-06 627 339 336	nd Oct-06 282 99.5 24.6
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04A WB05-LGR-04A	nd Jan-06 24.1 14.8 15.9 16.9 17.0		 Chloride Jun-06 26.2 11.8 12.4 12.5	nd Aug-06 19.0 12.9 12.1 12.3 13.4	nd Oct-06 17.3 13.0 11.5 12.3 12.9	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F		Bromide Jun-06 30.4 nd nd ad	nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F	0.003 F Oct-06 35.5 nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5	- <u>May-06</u> 1.24 69.7 35.7 15.2	 Sulfate Jun-06 od 34.7 65.2 14.6	0,0211 Aug-06 0.23 72.5 33.4 15.1 36.0	0.0101 F 0.36 70.4 31.5 15.1 36.5	0.7 Jan-06 0.02 0.01 0.06 nd 0.01	- 0.010F 0.008F nd nd	Sulfide Jun-06 0.424 0.531 0.043 nd	0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F	0.889 0ct-06 0.09 0.259 0.006 F 0.018 F	5.00 Jan-06 52.5 134 182 170	- May-06 570 312 285 288	- CO ₂ Jun-06 570 290 325 201	2.4 Aug-06 627 339 336 295	nd Oct-06 282 99.5 24.6 229
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-BS-1 WB05-CC-01	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3		 Chloride Jun-06 26.2 11.8 12.4 12.5 	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3	nd 0ct-06 17.3 13.0 11.5 12.3 12.9 16.6	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F 0.180 F 0.220			nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F	0.003 F Oct-06 35.5 nd nd nd nd nd	Jan-06)41 61.8 38.8 15.1 40.5 _47.1	- May-06 1.24 69.7 35.7 15.2		0,0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2	0.0101 F 0ct+06 0.36 70.4 31.5 15.1 36.5 56.4	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd	- May-06 0.010F 0.008F nd nd -	Sulfide Jun-06 0.424 0.531 0.043 nd -	0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F 0.016 F	0.889 0ct-06 0.06 0.09 0.259 0.006 F 0.018 F	5.00 Jan-06 52.5 134 182 170 2.0 176	- May-06 570 312 285 288 		2.4 Aug-06 627 339 336 295 303 266	nd Oct-06 282 99.5 24.6 229 62 60.4
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-BS-1 WB05-CC-01 WB05-CC-02	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4	- May-06 24.5 13.3 11.8 12.6 	 Chloride Jun-06 26.2 11.8 12.4 12.5 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F 0.180 F 0.220 0.210			nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F	0.003 F Oct-06 35.5 nd nd nd nd nd nd nd nd nd nd nd	Jan-06)41 61.8 38.8 15.1 40.5 47.1 57.2	- May-06 1.24 69.7 35.7 15.2 -		0,0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7	0.0101 F 0.06 0.36 70.4 31.5 15.1 36.5 56.4 78.2	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd nd	- May-06 0.010F 0.008F nd nd 		0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F 0.016 F nd	0.889 0ct-06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F	5.00 Jan-06 52.5 134 182 170 2.0 176 156	- May-06 570 312 285 288 		2.4 Aug-06 627 339 336 295 303 266 271	nd Oct-06 282 99.5 24.6 2289 62 60.4 74.3
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04A WB05-CC-01 WB05-CC-01 WB05-CC-02 CS-MW16-LGR	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3	- May-06 24.5 13.3 11.8 12.6 -		nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 0ct-06 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220	- 30.9 0.120F 0.110F 0.120F - - - - -		nd Aug-06 36,7 0,100 F 0,080 F 0,060 F 0,100 F 0,110 F 0,110 F	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd	Jam-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7	- <u>May-06</u> 1.24 69.7 35.7 15.2 - - -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36	- May-06 0.010F 0.008F nd nd 		0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F 0.016 F nd	0.889 0.006 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.017 S	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122	- <u>May-06</u> 570 312 285 288 - - - -	 CO ₂ Jun-06 570 290 325 201 - - -	2.4 Aug-06 627 339 336 295 303 266 271 T	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-BS-1 WB05-CC-01 WB05-CC-02	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4	- May-06 24.5 13.3 11.8 12.6 	 Chloride Jun-06 26.2 11.8 12.4 12.5 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F 0.190 F 0.180 F 0.220 0.210			nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F	0.003 F Oct-06 35.5 nd nd nd nd nd nd nd nd nd nd nd	Jan-06)41 61.8 38.8 15.1 40.5 47.1 57.2	- May-06 1.24 69.7 35.7 15.2 -		0,0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7	0.0101 F 0.06 0.36 70.4 31.5 15.1 36.5 56.4 78.2	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd nd	- May-06 0.010F 0.008F nd nd 		0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F 0.016 F nd	0.889 0ct-06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F	5.00 Jan-06 52.5 134 182 170 2.0 176 156	- May-06 570 312 285 288 		2.4 Aug-06 627 339 336 295 303 266 271	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04A WB05-CC-01 WB05-CC-01 WB05-CC-02 CS-MW16-LGR	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3	- May-06 24.5 13.3 11.8 12.6 - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 0ct-06 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220	- 30.9 0.120F 0.110F 0.120F - - - - -		nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F 0.110 F 0.100 F 0.080 F	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd	Jam-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7	- <u>May-06</u> 1.24 69.7 35.7 15.2 - - -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36	- May-06 0.010F 0.008F nd nd 	 Sulfide Jun-06 0.424 0.531 0.043 nd 	0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F 0.016 F nd 1.02	0.889 0.006 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.017 S	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122	- <u>May-06</u> 570 312 285 288 - - - -	 CO ₂ Jun-06 570 290 325 201 	2.4 Aug-06 627 339 336 295 303 266 271 - - 368	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0	- May-06 24.5 13.3 11.8 12.6 - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 15.4	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12 15 15	nd Jan-06 0.240 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220 0.220	- 30.9 0.120F 0.120F - - - - -		nd Aug-06 36.7 0.100 F 0.080 F 0.110 F 0.080 F	0.003 F Cot-06 35.5 nd nd nd nd 0.130 F nd nd nd	and Jan-06 141 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2	- <u>May-06</u> 1.24 69.7 35.7 15.2 		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58	- May-06 0.010F 0.008F nd nd 		0.282 Aug-06 0.224 0.18 F 0.168 0.006 F 0.015 F 0.016 F nd 	0.889 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.039 0.629	5.00 Jan-06 52.5 134 182 170 2.0 176 156 156 122 83.4	- May-06 570 312 285 288 - - - - - -	 CO ₂ Jun-06 570 290 325 201 - - Lactic Acid	2.4 Aug-06 627 339 336 295 303 266 271 	nd Oct-066 282 99.5 24.6 229 62 60.4 74.3 69 57.5
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3	- May-06 24.5 13.3 11.8 12.6 - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 - - - - - -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 0ct-06 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12	nd Jan-06 0.240 0.190 F 0.180 F 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220	- 30.9 0.120F 0.110F 0.120F - - - - -		nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F 0.110 F 0.100 F 0.080 F	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd	Jam-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7	- <u>May-06</u> 1.24 69.7 35.7 15.2 - - -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36	- May-06 0.010F 0.008F nd nd 	 Sulfide Jun-06 0.424 0.531 0.043 nd 	0.282 Aug-06 0.224 0.018 F 0.168 0.006 F 0.015 F 0.016 F nd 1.02	0.889 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.039 0.629	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122	- May-06 570 312 285 288 - - - - - - - - - - - - -	 CO ₂ Jun-06 570 290 325 201 	2.4 Aug-06 627 339 336 295 303 266 271 - - 368	nd Oct-06 282 99.5 24.6 22.9 62 60.4 74.3 69 57.5 Oct-06
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0	- May-06 24.5 13.3 11.8 12.6 - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 15.4	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12 15 15	nd Jan-06 0.240 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220 0.220	- 30.9 0.120F 0.120F - - - - -		nd Aug-06 36.7 0.100 F 0.080 F 0.110 F 0.080 F	0.003 F Cot-06 35.5 nd nd nd nd 0.130 F nd nd nd	and Jan-06 141 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2	- <u>May-06</u> 1.24 69.7 35.7 15.2 		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58	- May-06 0.010F 0.008F nd nd 		0.282 Aug-06 0.224 0.18 F 0.168 0.006 F 0.015 F 0.016 F nd 	0.889 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.039 0.629	5.00 Jan-06 52.5 134 182 170 2.0 176 156 156 122 83.4	- May-06 570 312 285 288 - - - - - -	 CO ₂ Jun-06 570 290 325 201 - - Lactic Acid	2.4 Aug-06 627 339 336 295 303 266 271 	nd Oct-066 282 99.5 24.6 229 62 60.4 74.3 69 57.5
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06	- May-06 24.5 13.3 11.8 12.6 - - - - - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 15.4 Aug-06	nd 17.3 13.0 11.5 12.9 16.6 17.7 12 15 Cet-06 1480	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.210 0.220 Jan-06 nd	- <u>May-06</u> <u>30.9</u> 0.120F 0.110F 0.120F - - - - - - - - - - - - -	Bromide Jun-06 30.4 nd nd nd - - - - - Acetic Acid Jun-06 569.92	nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F 0.080 F Aug-06 194.76	0.003 F Oct-06 35.5 nd nd nd 0.130 F nd nd 0.130 F 2.5 .5 .5 .5 .5 .5 .5 .5 .5 .5	and Jam-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> <u>1.24</u> <u>69</u> ,7 <u>35</u> ,7 <u>15,2</u> - - - - - <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 d Aug-06 30.22	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0ct-06 30.17	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06	- May-06 0.010F 0.008F nd nd -		0.282 Aug-06 0.224 0.018 F 0.016 F 0.015 F 0.016 F nd 	0.889 0.06 0.06 0.259 0.006 F 0.018 F 0.018 F 0.017 F 0.008 F 0.039 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 	nd Oct-06 282 99.5 24.6 22.9 62 60.4 74.3 69 57.5 Oct-06
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B	nd Jan-O6 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-O6 252 370	- <u>May-06</u> <u>24.5</u> <u>13.3</u> <u>11.8</u> <u>12.6</u> - - - - - - - - - - - - -		nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.4 15.4 Aug-06	nd 17.3 13.0 11.5 12.3 12.9 16.6 16.6 12 15 Oct-06 1480 322	nd Jan-06 0.240 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220 0.220 Jan-06 nd nd	- <u>May-06</u> <u>30.9</u> 0.120F 0.110F 0.120F - - - - - - - - - - - - -		nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F 	0.003 F Oct-06 35.5 nd nd nd 0.130 F nd nd 0.130 F nd 87.64 87.64 nd	I an-06 141 618 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 ud nd	- <u>May-06</u> <u>1.24</u> <u>69.7</u> <u>35.7</u> <u>15.2</u> - - - - - <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 d Aug-06 30.22 nd	0.0101 F 0.02006 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.021-06 10.17 nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06 nd nd	- May-06 0.010F 0.008F nd nd - - - - - - - - - - - - -		0.282 Aug-06 0.224 0.018 F 0.006 F 0.015 F 0.015 F 0.016 F md 1.02 Aug-06 nd nd	0.889 0.06 0.06 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.039 0.029 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd	- May-06 570 312 285 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 	nd <u>Oct-06</u> <u>282</u> <u>99.5</u> <u>24.6</u> <u>229</u> <u>62</u> <u>60.4</u> <u>74.3</u> <u>69</u> <u>57.5</u> <u>Oct-06</u> <u>nd</u> <u>nd</u>
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04B WB05-LGR-04B WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408	- <u>May-06</u> <u>24.5</u> <u>13.3</u> <u>11.8</u> <u>12.6</u> - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.1 17.4 	nd 17.3 17.3 12.9 16.6 17.7 12.9 16.6 17.7 12 15 0ct-06 1480 322 281	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.220 Jan-06 nd nd	- 30.9 0.120F 0.110F 0.110F - - - - - - - - - - - - - - - - - - -		nd Aug-06 36.7 0.100 F 0.080 F 0.060 F 0.110 F 0.100 F 0.100 F 0.100 F 0.100 F 0.100 F 0.100 F 0.100 F 0.080 F 0.080 F 0.080 F 0.080 F 0.080 F 0.080 F 0.080 F 0.080 F 0.090 F	0.003 F Cot-06 35.5 nd nd nd nd 0.130 F nd nd 0.130 F 10 0.130 F 10 0.130 F 10 10 10 10 10 10 10 10 10 10	and Jan-06 141 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 ud nd nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 6 Aug-06 30.22 nd nd	0.0101 F 0.022-06 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06 nd nd nd 1 nd 1 nd 1 1 1 1 1 1 1 1 1 1 1 1 1	- May-06 0.010F 0.008F nd nd -		0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F 0.016 F nd 	0.889 0.06 0.09 0.259 0.006 F 0.018 F 0.008 F 0.008 F 0.008 F 0.008 F 0.008 F 0.009 0.029 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd	- <u>May-06</u> 570 312 285 288 - - - - - <u>May-06</u> 23.5 nd nd		2.4 Aug-06 627 339 336 295 303 266 271 	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-BS-1 WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334	- <u>May-06</u> <u>24.5</u> <u>13.3</u> <u>13.3</u> <u>12.6</u> - - - - - - - - - - - - -	Chloride Jun-06 26.2 11.8 12.4 12.5 	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.4 15.4 Aug-06 	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12.9 16.6 17.7 12 15 Oct-06 1480 322 281 280	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.220 Jan-06 nd nd nd	- May-06 30.9 0.120F 0.110F 0.120F - - - - - - - - - - - - -	Bromide Jun-06 30,4 nd ad - - - - - - - - - - - - - - - - - -	nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.110 F 0.110 F 0.110 F 	0.003 F Cct-06 35.5 nd nd nd nd 0.130 F nd nd 0.130 F nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	and Jan-06 141 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd nd nd nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 d Aug-06 30.22 nd nd nd nd	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0ct-06 10.17 nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06 nd nd nd nd nd	- May-06 0.010F 0.008F nd -	 Sulfide Jun-06 0.424 0.531 0.043 nd 	0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd	0.889 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.017 F 0.003 P 0.029 0.029 0.029 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 368 368 Aug-06 nd nd nd nd	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd ud
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CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-CC-01	nd Jan-O6 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-O6 252 370 408 334 330 288	- - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12 15 0ct-06 1480 322 280 278 273	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.200 0.220 Jan-06 id nd nd nd nd		Bromide Jun-06 30.4 nd nd nd - - - - - - - - - - - - - - -	nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd nd nd nd nd nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 - - - - May-06 nd nd nd - -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 d Aug-06 30.22 nd nd nd nd	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.000 44.1 0.017 nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd	- <u>May-06</u> 0.010F 0.008F nd - - - - - - - - - - - - -	Sulfide Jun-06 0.424 0.531 0.043 nd Formic Acid Jun-06 nd nd nd nd nd	0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 	0.889 0.06 0.06 0.259 0.006 F 0.018 F 0.018 F 0.017 F 0.008 F 0.017 F 0.008 F 0.039 0.029 0.029 0.029 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 156 122 83.4 Jan-06 nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd od
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CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-CC-02 CS-MW16-LGR CS-B3-I WB05-CC-02 CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-LGR-04A WB05-CC-01 WB05-CC-01 WB05-CC-02 CS-MW16-LGR	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 334 330 288 308 290	- - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12 15 0ct-06 1480 322 280 278 273	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.200 0.220 Jan-06 id nd nd nd nd		Bromide Jun-06 30.4 nd nd nd - - - - - - - - - - - - - - -	nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd nd nd nd nd nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 - - - - May-06 nd nd nd - -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 d Aug-06 30.22 nd nd nd nd	0.0101 F 0.36 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.000 44.1 0.017 nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd	- <u>May-06</u> 0.010F 0.008F nd - - - - - - - - - - - - -	Sulfide Jun-06 0.424 0.531 0.043 nd Formic Acid Jun-06 nd nd nd nd nd	0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 	0.889 0.06 0.06 0.259 0.006 F 0.018 F 0.018 F 0.017 F 0.008 F 0.017 F 0.008 F 0.039 0.029 0.029 0.029 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-BS-1 WB05-CC-02	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 330 288 308	- <u>May-06</u> <u>24.5</u> <u>13.3</u> <u>11.8</u> <u>12.6</u> - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 17.3 13.0 11.5 12.3 12.9 16.6 14.0 15 0ct-06 1480 322 281 280 278 273 274	nd Jan-06 0.190 F 0.180 F 0.180 F 0.220 0.210 0.220 0.220 Jan-06 nd nd nd nd nd nd nd			nd Aug-06 36.7 0.100 F 0.008 P 0.070 F 0.060 F 0.110 F 	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 618 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 ud nd nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd 		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 6 Aug-06 30.22 nd nd nd nd nd	0.0101 F 0.028-06 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.01 nd 0.36 0.58 Jan-06 1 nd nd nd nd nd nd nd nd nd nd	- May-06 0.010F nd nd - - - - - - - - - - - - -		0.282 Aug-06 0.224 0.018 F 0.006 F 0.015 F 0.016 F md 1.02 Aug-05 nd nd nd nd nd nd	0.889 0.06 0.06 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.017 F 0.008 F 0.039 0.029 0.029 0.029 0.029	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 368 Aug-06 nd nd nd nd nd nd nd nd	nd <u>Oct-06</u> <u>282</u> <u>99.5</u> <u>24.6</u> <u>229</u> <u>62</u> <u>60.4</u> <u>74.3</u> <u>69</u> <u>57.5</u> <u>Oct-06</u> <u>nd</u> <u>nd</u> <u>nd</u> <u>ud</u> <u>pd</u> <u>nd</u> <u>nd</u> <u>nd</u>
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-CC-02 CS-MW16-LGR CS-B3-I WB05-CC-02 CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-LGR-04A WB05-CC-01 WB05-CC-01 WB05-CC-02 CS-MW16-LGR	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 334 330 288 308 290	- <u>May-06</u> <u>24.5</u> <u>13.3</u> <u>13.3</u> <u>13.3</u> <u>13.8</u> <u>12.6</u> - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 	nd Aug-06 19,0 12,9 12,1 12,3 13,4 17,1 17,4 	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12 15 0ct-06 1480 322 281 280 278 273 274 260	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.220 0.220 Jan-06 nd nd nd nd nd nd nd nd			nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.060 F 0.110 F 0.100 F 0.080 F 	0.003 F Oct-06 35.5 nd nd nd 0.130 F nd nd 0.130 F nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 6 Aug-06 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-CC-02 CS-MW16-LGR CS-B3-I WB05-CC-02 CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-LGR-04A WB05-CC-01 WB05-CC-01 WB05-CC-02 CS-MW16-LGR	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 334 330 288 308 290	- May-06 24.5 13.3 11.8 12.6 - - - - - - - - - - - - -	 Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06 -	nd Aug-06 19.0 12.9 12.1 12.3 13.4 13.4 13.4 15.4 15.4 Aug-06	nd 17.3 13.0 11.5 12.3 12.9 16.6 17.7 12 15 0ct-06 1480 322 281 280 278 273 274 260	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.220 0.220 Jan-06 nd nd nd nd nd nd nd nd		Bromide Jun-06 30.4 nd nd ad 	rd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.080 F 0.110 F 	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 6 Aug-06 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR WB05-CC-02 CS-MW16-LGR	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 330 288 308 290 322		Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 17.3 13.0 11.5 12.9 16.6 17.7 12 15 Oct-06 1480 322 280 278 273 274 260 257 	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.200 0.210 0.200 0.220 Jan-06 id nd nd nd nd nd nd nd nd		Bromide Jun-06 30.4 nd nd nd - - - - - - - - - - - - - - -	nd Aug-06 36.7 0.100 F 0.008 P 0.070 F 0.060 F 0.110 F 0.110 F 0.110 F 0.080 F 194.76 nd nd nd nd nd nd	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd nd 0.130 F Nd nd nd nd nd nd nd nd nd nd n	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 6 Aug-06 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04A WB05-LGR-04A WB05-CC-02 CS-MW16-LGR WB05-CC-02 CS-MW16-LGR CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 330 288 308 290 322 Jan-06	- - - - - - - - - - - - - -	Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd Oct-06 17.3 13.0 11.5 12.9 16.6 17.7 12 15 Oct-06 1480 322 280 278 273 274 260 257 Oct-06	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.220 Jan-06 ind nd nd nd nd nd nd nd nd nd nd			nd Aug-06 36.7 0.100 F 0.008 P 0.070 F 0.060 F 0.110 F 0.110 F 0.110 F 0.080 F 194.76 nd nd nd nd nd nd Aug-06	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 4 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04B WB05-LGR-04B WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B WB05-LGR-04B WB05-CC-02 CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 330 2288 308 290 322 Jan-06 nd	- - - - - - - - - - - - - -	Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 17.3 13.0 11.5 12.3 12.9 16.6 14.5 12 15 0ct-06 1480 322 281 280 278 273 274 260 257 0ct-06 488.26	nd Jan-06 0.190 F 0.180 F 0.180 F 0.220 0.220 0.220 0.220 Jan-06 nd nd nd nd nd nd nd nd nd nd nd nd nd		Bromide Jun-06 30.4 nd nd nd - - - - - - - - - - - - - - -	nd Aug-06 36.7 0.100 F 0.008 P 0.070 F 0.060 F 0.110 F 0.110 F 0.110 F 0.080 F 194.76 nd nd nd nd nd nd	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 4 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04A WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B WB05-CC-01 WB05-CC-02 CS-MW16-LGR CS-MW16-CC CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 330 288 308 290 322 Jan-06	- - - - - - - - - - - - - -	Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd Oct-06 17.3 13.0 11.5 12.9 16.6 17.7 12 15 Oct-06 1480 322 280 278 273 274 260 257 Oct-06	nd Jan-06 0.240 0.190 F 0.180 F 0.220 0.210 0.220 0.220 Jan-06 ind nd nd nd nd nd nd nd nd nd nd			nd Aug-06 36.7 0.100 F 0.008 P 0.070 F 0.060 F 0.110 F 0.110 F 0.110 F 0.080 F 194.76 nd nd nd nd nd nd Aug-06	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 4 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
CS-MW16-CC Well CS-B3-MW01 WB05-LGR-03B WB05-LGR-04B WB05-LGR-04B WB05-CC-02 CS-MW16-LGR CS-MW16-CC Well CS-B3-MW01 WB05-LGR-04B WB05-LGR-04B WB05-LGR-04B WB05-CC-02 CS-MW16-CC	nd Jan-06 24.1 14.8 15.9 16.9 17.0 19.3 20.4 17.3 19.0 Jan-06 252 370 408 334 330 2288 308 290 322 Jan-06 nd	- - - - - - - - - - - - - -	Chloride Jun-06 26.2 11.8 12.4 12.5 Alkalinity Jun-06	nd Aug-06 19.0 12.9 12.1 12.3 13.4 17.3 17.4 	nd 17.3 13.0 11.5 12.3 12.9 16.6 14.5 12 15 0ct-06 1480 322 281 280 278 273 274 260 257 0ct-06 488.26	nd Jan-06 0.190 F 0.180 F 0.180 F 0.220 0.220 0.220 0.220 Jan-06 nd nd nd nd nd nd nd nd nd nd nd nd nd			nd Aug-06 36.7 0.100 F 0.080 F 0.070 F 0.070 F 0.080 F 	0.003 F Oct-06 35.5 nd nd nd nd 0.130 F nd nd 0.130 F nd nd nd nd nd nd nd nd nd nd	nd Jan-06 J41 61.8 38.8 15.1 40.5 47.1 57.2 23.7 45.2 Jan-06 nd	- <u>May-06</u> 1.24 69.7 35.7 15.2 May-06 nd nd nd nd -		0.0211 Aug-06 0.23 72.5 33.4 15.1 36.0 58.2 73.7 24.1 4 30.22 nd nd nd nd nd	0.0101 F 0.0206 0.36 70.4 31.5 15.1 36.5 56.4 78.2 19.9 44.1 0.17 nd 10.17 nd nd nd nd nd nd	0.7 Jan-06 0.02 0.01 0.06 nd 0.36 0.58 Jan-06 nd nd nd nd nd nd nd nd nd nd			0.282 Aug-06 0.224 0.018 F 0.016 F 0.016 F nd 1.02 Aug-06 nd nd nd nd nd nd nd nd	0.889 0.06 0.06 0.09 0.259 0.006 F 0.018 F 0.017 F 0.008 F 0.008 F 0.039 0.029 0.029 0.029 0.029 0.077 nd nd nd nd nd	5.00 Jan-06 52.5 134 182 170 2.0 176 156 122 83.4 Jan-06 nd nd nd nd nd nd nd nd nd nd	- May-06 570 312 285 288 - - - - - - - - - - - - -		2.4 Aug-06 627 339 336 295 303 266 271 - 368 Aug-06 nd nd nd nd nd nd nd nd -	nd Oct-06 282 99.5 24.6 229 62 60.4 74.3 69 57.5 Oct-06 nd nd nd nd nd nd nd nd nd nd
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CS-MW16-LGR nd CS-MW16-CC nd Concentrations reported in mg/L unless otherwise noted F - Analyte detected but concentration is below QC limits.

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