



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 0 [ft]
 Pump placement from TOC 253 [ft]

Well Information:

Well Id CS-D
 Well diameter 4 [in]
 Well total depth 263 [ft]
 Depth to top of screen 205 [ft]
 Screen length 696 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:30:42	70.91	6.67	547.49	0.95	4299.08	173.88
	14:31:27	70.88	6.67	548.40	0.81	4228.07	174.27
	14:32:13	70.83	6.65	547.87	0.82	4221.91	175.72
	14:32:58	70.72	6.65	546.89	1.55	4105.67	175.98
	14:33:45	70.62	6.67	546.50	0.87	3737.17	175.13
Variance in last 3 readings		-0.05	-0.02	-0.53	0.01	-6.16	1.45
		-0.11	0.00	-0.98	0.73	-116.24	0.26
		-0.10	0.02	-0.39	-0.68	-368.50	-0.85

NA - Information is not available.



Troll 9000
12/02/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type NA
 Tubing Type NA
 Tubing Diameter NA
 Tubing Length NA
 Pump placement from TOC NA

Well Information:

Well Id CS-1
 Well diameter NA
 Well total depth NA
 Depth to top of screen NA
 Screen length NA

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 20 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	13:53:08	71.59	7.02	566.01	2.31	8073.25	206.15
	13:53:28	71.61	7.03	565.52	3.17	7950.09	206.92
	13:53:49	71.61	7.03	565.38	4.22	7840.60	207.56
	13:54:09	71.61	7.04	564.54	3.71	7734.68	207.69
	13:54:29	71.62	7.04	564.75	3.59	7618.79	208.29
Variance in last 3 readings		0.00	0.00	-0.14	1.05	-109.49	0.64
		0.00	0.01	-0.84	-0.50	-105.91	0.13
		0.01	0.00	0.21	-0.12	-115.90	0.60



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Low-Flow System
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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 316.5 [ft]
 Pump placement from TOC 315 [ft]

Well Information:

Well Id CS-MWG-LGR
 Well diameter 8 [in]
 Well total depth 339.5 [ft]
 Depth to top of screen 155 [ft]
 Screen length 2208 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 132.54 [mL]
 Calculated Sample Rate 3977 [sec]
 Sample rate 40 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:28:44	68.73	7.14	445.23	0.63	7435.44	265.95
	10:29:24	68.72	7.14	445.23	0.63	7461.07	266.81
	10:30:05	68.71	7.13	445.14	0.35	7454.93	267.62
	10:30:45	68.71	7.13	443.56	0.47	7414.05	268.22
	10:31:26	68.76	7.13	437.71	0.60	7422.59	268.56
Variance in last 3 readings		-0.01	0.00	-0.09	-0.28	-6.14	0.81
		0.00	0.00	-1.58	0.11	-40.88	0.60
		0.05	0.00	-5.84	0.13	8.54	0.34

NA - Information is not available.



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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 309 [ft]
 Pump placement from TOC 283 [ft]

Well Information:

Well Id CS-MW9-LGR
 Well diameter 4 [in]
 Well total depth 323 [ft]
 Depth to top of screen 296 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 132.17 [mL]
 Calculated Sample Rate 3966 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	15:20:11	69.31	6.89	530.74	0.20	5744.16	125.61
	15:20:58	69.30	6.89	528.55	0.19	5626.55	128.01
	15:21:43	69.39	6.89	522.58	0.18	5549.76	130.19
	15:22:29	69.42	6.89	524.66	0.15	5487.65	132.20
	15:23:14	69.35	6.89	525.09	-0.18	5466.84	134.12
Variance in last 3 readings		0.09	0.00	-5.97	-0.02	-76.79	2.18
		0.03	0.00	2.08	-0.03	-62.11	2.01
		-0.07	0.00	0.43	-0.33	-20.81	1.92

NA - Information is not available.



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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 438 [ft]
 Pump placement from TOC 303 [ft]

Well Information:

Well Id CS-MW9-CC
 Well diameter 4 [in]
 Well total depth 480 [ft]
 Depth to top of screen 425 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 138.5 [mL]
 Calculated Sample Rate 4155 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:37:43	69.61	7.03	670.43	0.26	5494.26	-17.67
	14:38:29	69.54	7.03	676.71	0.67	5483.44	-20.45
	14:39:14	69.51	7.04	678.35	1.07	5378.88	-22.29
	14:40:00	69.68	7.04	672.16	1.04	5220.65	-24.08
	14:40:45	69.53	7.05	678.88	1.52	5242.18	-26.01
Variance in last 3 readings		-0.03	0.00	1.64	0.40	-104.56	-1.84
		0.16	0.01	-6.19	-0.03	-158.23	-1.80
		-0.14	0.01	6.72	0.48	21.53	-1.92

NA - Information is not available.



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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 365 [ft]
 Pump placement from TOC 303 [ft]

Well Information:

Well Id CS-MW9-BS
 Well diameter 4 [in]
 Well total depth 378 [ft]
 Depth to top of screen 352 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 134.92 [mL]
 Calculated Sample Rate 4048 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:57:46	69.48	7.48	581.88	27.34	5482.46	-81.55
	14:58:31	69.48	7.47	587.52	26.28	5457.58	-80.32
	14:59:17	69.38	7.45	580.60	29.10	5296.76	-78.05
	15:00:02	69.43	7.44	584.15	26.40	5192.70	-75.66
	15:00:49	69.35	7.44	588.44	24.71	5134.58	-72.62
Variance in last 3 readings		-0.10	-0.02	-6.91	2.82	-160.82	2.27
		0.06	-0.01	3.55	-2.70	-104.07	2.39
		-0.08	0.00	4.29	-1.69	-58.12	3.04

NA - Information is not available.



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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 345 [ft]
 Pump placement from TOC 299 [ft]

Well Information:

Well Id CS-MW8-LGR
 Well diameter 4 [in]
 Well total depth 373 [ft]
 Depth to top of screen 332 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 133.94 [mL]
 Calculated Sample Rate 4019 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:06:27	70.14	7.10	657.45	-0.20	967.48	60.59
	10:07:13	70.17	7.10	659.72	0.26	991.10	63.96
	10:07:59	70.20	7.09	660.68	0.26	1026.57	67.51
	10:08:44	70.18	7.09	661.63	0.24	1066.14	71.23
	10:09:30	70.19	7.09	660.29	0.27	1126.22	75.21
Variance in last 3 readings		0.03	0.00	0.95	0.01	35.47	3.55
		-0.01	0.00	0.95	-0.02	39.56	3.72
		0.01	0.00	-1.34	0.03	60.09	3.98

NA - Information is not available.



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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 453 [ft]
 Pump placement from TOC 299 [ft]

Well Information:

Well Id CS-MW8-CC
 Well diameter 4 [in]
 Well total depth 503 [ft]
 Depth to top of screen 439.5 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 139.24 [mL]
 Calculated Sample Rate 4178 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:31:24	70.12	7.60	814.55	0.41	6070.79	-203.73
	10:32:10	70.28	7.60	814.98	0.86	5976.81	-204.41
	10:32:55	70.27	7.60	814.98	1.35	5885.57	-205.83
	10:33:41	70.21	7.59	814.69	0.64	5721.45	-206.60
	10:34:26	70.13	7.58	815.85	0.90	5591.78	-206.64
Variance in last 3 readings		-0.01	-0.01	0.00	0.49	-91.23	-1.41
		-0.05	0.00	-0.29	-0.71	-164.13	-0.77
		-0.09	-0.01	1.16	0.26	-129.67	-0.04

NA - Information is not available.



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Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 335 [ft]
 Pump placement from TOC 290 [ft]

Well Information:

Well Id CS-MW7-LGR
 Well diameter 4 [in]
 Well total depth 352.5 [ft]
 Depth to top of screen 322 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 133.44 [mL]
 Calculated Sample Rate 4004 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	15:21:06	69.27	7.07	628.69	0.23	5685.74	63.73
	15:21:51	69.29	7.08	629.64	0.20	5738.96	65.95
	15:22:37	69.29	7.08	629.47	0.19	5729.48	68.22
	15:23:22	69.29	7.09	630.16	0.19	5790.69	70.48
	15:24:08	69.31	7.09	630.25	0.21	5732.04	72.88
Variance in last 3 readings		0.00	0.01	-0.17	-0.01	-9.48	2.27
		0.00	0.00	0.69	-0.01	61.21	2.27
		0.02	0.00	0.09	0.02	-58.65	2.39

NA - Information is not available.



Troll 9000
12/06/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 443 [ft]
 Pump placement from TOC 290 [ft]

Well Information:

Well Id CS-MW7-CC
 Well diameter 4 [in]
 Well total depth 503 [ft]
 Depth to top of screen 430 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 138.75 [mL]
 Calculated Sample Rate 4163 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:53:48	69.66	7.36	793.46	0.21	2485.42	-151.18
	14:54:33	69.66	7.36	793.46	0.21	2356.87	-151.86
	14:55:19	69.66	7.36	793.60	0.16	2243.59	-152.55
	14:56:05	69.65	7.36	793.18	-0.24	2121.62	-152.85
	14:56:51	69.66	7.36	793.05	0.16	2029.60	-153.66
Variance in last 3 readings		0.00	0.00	0.14	-0.04	-113.28	-0.68
		-0.01	0.00	-0.41	-0.40	-121.96	-0.30
		0.00	0.00	-0.14	0.40	-92.03	-0.81

NA - Information is not available.



Troll 9000
12/01/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 353 [ft]
 Pump placement from TOC 311 [ft]

Well Information:

Well Id CS-MW6-LGR
 Well diameter 4 [in]
 Well total depth 382 [ft]
 Depth to top of screen 340 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 134.33 [mL]
 Calculated Sample Rate 4030 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:44:25	71.25	7.21	581.76	1.56	7083.13	17.50
	10:45:10	71.38	7.19	579.17	0.85	6913.94	22.97
	10:45:56	71.37	7.18	580.80	1.11	6739.76	27.50
	10:46:41	71.26	7.16	582.95	0.25	6563.11	32.33
	10:47:27	71.28	7.14	581.09	0.60	6342.41	37.38
Variance in last 3 readings		-0.01	-0.01	1.62	0.26	-174.18	4.53
		-0.10	-0.02	2.16	-0.86	-176.65	4.83
		0.01	-0.02	-1.86	0.36	-220.70	5.04

NA - Information is not available.



Troll 9000
12/01/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 464 [ft]
 Pump placement from TOC 311 [ft]

Well Information:

Well Id CS-MW6-CC
 Well diameter 4 [in]
 Well total depth 522 [ft]
 Depth to top of screen 451 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 139.78 [mL]
 Calculated Sample Rate 4194 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:47:09	71.45	7.25	786.85	0.20	6370.92	-89.48
	14:47:54	71.55	7.23	789.85	0.18	6207.95	-86.57
	14:48:40	71.34	7.21	794.26	0.19	6046.27	-82.51
	14:49:26	71.26	7.20	792.05	0.20	5828.05	-79.52
	14:50:11	71.20	7.20	794.54	0.21	5608.50	-77.30
Variance in last 3 readings		-0.21	-0.02	4.41	0.01	-161.68	4.06
		-0.08	-0.01	-2.21	0.01	-218.22	2.99
		-0.06	0.00	2.49	0.00	-219.55	2.22

NA - Information is not available.



Troll 9000
12/01/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 410 [ft]
 Pump placement from TOC 311 [ft]

Well Information:

Well Id CS-MW6-BS
 Well diameter 4 [in]
 Well total depth 429 [ft]
 Depth to top of screen 397 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 137.13 [mL]
 Calculated Sample Rate 4114 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:29:05	71.14	7.49	753.30	3.59	1594.12	-117.05
	14:29:50	71.14	7.49	753.31	3.44	2246.35	-114.14
	14:30:36	71.16	7.48	752.69	3.70	2811.64	-111.75
	14:31:21	71.07	7.48	758.97	3.91	2885.03	-110.17
	14:32:08	70.90	7.48	759.48	3.81	2768.88	-109.48
Variance in last 3 readings		0.02	-0.01	-0.61	0.26	565.30	2.39
		-0.09	0.00	6.28	0.22	73.39	1.58
		-0.18	0.00	0.51	-0.10	-116.15	0.68

NA - Information is not available.



Troll 9000
12/03/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 433 [ft]
 Pump placement from TOC 404 [ft]

Well Information:

Well Id CS-MW5-LGR
 Well diameter 4 [in]
 Well total depth 462 [ft]
 Depth to top of screen 420 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 138.25 [mL]
 Calculated Sample Rate 4148 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	11:22:01	69.48	7.23	514.66	-0.31	4385.29	61.62
	11:22:46	69.45	7.20	515.25	0.32	4299.56	62.26
	11:23:32	68.90	7.22	518.95	0.41	4243.92	60.93
	11:24:17	69.41	7.23	514.14	0.46	4081.23	60.81
	11:25:02	68.58	7.21	517.18	0.46	4072.77	61.96
Variance in last 3 readings		-0.55	0.02	3.70	0.09	-55.63	-1.33
		0.51	0.01	-4.80	0.04	-162.69	-0.13
		-0.82	-0.02	3.04	0.00	-8.45	1.15

NA - Information is not available.



Troll 9000
12/01/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 313 [ft]
 Pump placement from TOC 203 [ft]

Well Information:

Well Id CS-MW4-LGR
 Well diameter 4 [in]
 Well total depth 336.5 [ft]
 Depth to top of screen 299 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 132.36 [mL]
 Calculated Sample Rate 3971 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:59:07	69.97	7.18	632.46	0.34	6748.19	-154.83
	9:59:52	70.05	7.17	631.83	0.34	6196.68	-155.56
	10:00:37	70.02	7.15	639.19	0.40	5809.23	-156.15
	10:01:24	69.98	7.13	640.80	-0.14	5338.43	-157.09
	10:02:09	69.73	7.12	639.44	0.40	5237.16	-157.78
Variance in last 3 readings		-0.03	-0.02	7.35	0.05	-387.45	-0.60
		-0.04	-0.02	1.61	-0.54	-470.80	-0.94
		-0.25	-0.01	-1.36	0.54	-101.27	-0.68

NA - Information is not available.



Troll 9000
11/29/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 415 [ft]
 Pump placement from TOC 374 [ft]

Well Information:

Well Id CS-MW3-LGR
 Well diameter 4 [in]
 Well total depth 438.5 [ft]
 Depth to top of screen 402 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 137.37 [mL]
 Calculated Sample Rate 4122 [sec]
 Sample rate 40 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	11:31:24	70.48	7.02	506.58	1.23	4755.19	153.79
	11:32:04	70.48	7.02	508.19	1.59	4862.36	152.67
	11:32:45	70.48	7.02	508.25	1.60	4678.61	151.22
	11:33:25	70.48	7.02	503.57	3.16	4454.92	149.90
	11:34:05	70.51	7.02	501.43	2.89	4880.51	148.87
Variance in last 3 readings		0.01	0.00	0.06	0.01	-183.75	-1.45
		-0.01	0.00	-4.68	1.55	-223.69	-1.32
		0.03	0.00	-2.14	-0.27	425.59	-1.03

NA - Information is not available.



Troll 9000
12/01/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 331.5 [ft]
 Pump placement from TOC 330 [ft]

Well Information:

Well Id CS-MW2-LGR
 Well diameter 4 [in]
 Well total depth 344 [ft]
 Depth to top of screen 318 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 133.27 [mL]
 Calculated Sample Rate 3999 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:17:26	68.73	8.34	481.72	0.86	494.07	-120.59
	9:18:12	68.89	8.38	477.23	0.79	504.55	-113.93
	9:18:57	68.92	8.31	477.88	0.66	484.45	-110.46
	9:19:42	68.91	8.41	476.04	0.70	487.41	-118.20
	9:20:28	68.95	8.36	474.56	0.84	476.84	-113.72
Variance in last 3 readings		0.03	-0.07	0.66	-0.13	-20.10	3.46
		-0.01	0.10	-1.84	0.04	2.95	-7.74
		0.04	-0.05	-1.48	0.14	-10.56	4.49

NA - Information is not available.



Troll 9000
12/01/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 436 [ft]
 Pump placement from TOC 302 [ft]

Well Information:

Well Id CS-MW2-CC
 Well diameter 4 [in]
 Well total depth 451 [ft]
 Depth to top of screen 425.7 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 138.4 [mL]
 Calculated Sample Rate 4152 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:41:57	69.83	7.57	715.94	0.02	832.01	-141.04
	9:42:43	69.77	7.56	716.95	0.68	789.40	-140.91
	9:43:28	69.53	7.54	719.66	1.54	775.30	-139.92
	9:44:14	69.42	7.55	720.33	0.07	768.21	-140.44
	9:44:59	69.74	7.52	718.62	0.65	746.32	-140.22
Variance in last 3 readings		-0.24	-0.02	2.71	0.85	-14.11	0.98
		-0.11	0.01	0.68	-1.47	-7.09	-0.51
		0.33	-0.03	-1.71	0.58	-21.89	0.21

NA - Information is not available.



Troll 9000
11/30/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 301.5 [ft]
 Pump placement from TOC 300 [ft]

Well Information:

Well Id CS-MW1-LGR
 Well diameter 4 [in]
 Well total depth 313.5 [ft]
 Depth to top of screen 288 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 131.8 [mL]
 Calculated Sample Rate 3955 [sec]
 Sample rate 60 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:35:10	68.38	7.45	507.51	79.33	3021.34	104.90
	10:36:10	68.91	7.54	499.93	93.04	2791.42	101.61
	10:37:10	68.52	7.56	506.93	52.62	2741.46	102.72
	10:38:10	68.87	7.58	501.37	72.43	2792.11	102.55
	10:39:11	68.73	7.55	503.34	90.05	2727.14	105.63
Variance in last 3 readings		-0.39	0.02	7.00	-40.43	-49.96	1.11
		0.35	0.02	-5.55	19.81	50.65	-0.17
		-0.14	-0.04	1.97	17.62	-64.97	3.08

NA - Information is not available.



Troll 9000
11/30/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 405 [ft]
 Pump placement from TOC 302 [ft]

Well Information:

Well Id CS-MW1-CC
 Well diameter 4 [in]
 Well total depth 420 [ft]
 Depth to top of screen 394.7 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 136.88 [mL]
 Calculated Sample Rate 4107 [sec]
 Sample rate 60 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:10:27	68.93	7.74	672.93	0.99	3829.73	-149.43
	10:11:28	68.07	7.73	678.84	0.68	3672.04	-145.84
	10:12:29	68.83	7.74	672.84	-0.16	3481.14	-144.39
	10:13:30	68.17	7.73	681.33	0.57	3304.15	-141.86
	10:14:31	68.93	7.74	673.56	0.54	3143.62	-141.52
Variance in last 3 readings		0.76	0.01	-6.00	-0.84	-190.90	1.45
		-0.66	-0.01	8.48	0.73	-176.99	2.52
		0.76	0.01	-7.77	-0.03	-160.53	0.34

NA - Information is not available.



Troll 9000
11/30/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 351 [ft]
 Pump placement from TOC 302 [ft]

Well Information:

Well Id CS-MW1-BS
 Well diameter 4 [in]
 Well total depth 366 [ft]
 Depth to top of screen 340.5 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 134.23 [mL]
 Calculated Sample Rate 4027 [sec]
 Sample rate 60 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:33:00	68.78	8.99	386.84	0.42	5773.47	-106.04
	9:34:00	68.89	8.97	387.51	0.43	5609.83	-108.43
	9:35:01	68.77	9.00	386.12	0.44	5567.74	-111.98
	9:36:01	68.97	8.98	387.09	0.41	5434.08	-114.80
	9:37:02	68.75	9.00	384.43	-0.31	5371.21	-116.64
Variance in last 3 readings		-0.12	0.02	-1.40	0.01	-42.09	-3.55
		0.20	-0.01	0.97	-0.03	-133.66	-2.82
		-0.22	0.01	-2.65	-0.72	-62.88	-1.84

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 350.5 [ft]
 Pump placement from TOC 305 [ft]

Well Information:

Well Id CS-MW19-LGR
 Well diameter 4 [in]
 Well total depth 365 [ft]
 Depth to top of screen 340 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 134.21 [mL]
 Calculated Sample Rate 4027 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	8:53:01	68.91	7.39	602.74	1.87	6172.93	268.68
	8:53:46	68.93	7.36	609.97	1.47	6068.93	269.24
	8:54:32	69.01	7.36	611.44	2.03	6022.32	268.38
	8:55:17	68.95	7.41	613.73	0.59	5829.30	265.09
	8:56:03	68.98	7.39	613.32	0.80	5672.43	265.69
Variance in last 3 readings		0.08	0.00	1.47	0.56	-46.62	-0.86
		-0.06	0.04	2.30	-1.44	-193.02	-3.29
		0.03	-0.01	-0.41	0.21	-156.87	0.60

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 395.5 [ft]
 Pump placement from TOC 325 [ft]

Well Information:

Well Id CS-MW18-LGR
 Well diameter 4 [in]
 Well total depth 411 [ft]
 Depth to top of screen 385 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 136.41 [mL]
 Calculated Sample Rate 4093 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	11:27:37	70.68	7.22	543.33	-0.16	3258.91	59.05
	11:28:23	70.56	7.23	544.37	0.25	3131.08	59.48
	11:29:08	70.70	7.23	544.50	0.25	2992.14	60.25
	11:29:55	70.68	7.22	544.82	0.17	2835.61	61.19
	11:30:40	70.50	7.20	544.88	0.22	2758.47	62.77
Variance in last 3 readings		0.14	0.00	0.13	0.00	-138.94	0.77
		-0.02	-0.01	0.32	-0.08	-156.53	0.94
		-0.18	-0.02	0.06	0.05	-77.14	1.58

NA - Information is not available.



Troll 9000
11/29/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 378 [ft]
 Pump placement from TOC 307 [ft]

Well Information:

Well Id CS-MW17-LGR
 Well diameter 4 [in]
 Well total depth 392.5 [ft]
 Depth to top of screen 367 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 135.56 [mL]
 Calculated Sample Rate 4067 [sec]
 Sample rate 30 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	13:58:03	70.58	6.67	638.93	0.80	629.28	132.67
	13:58:34	70.68	6.66	639.11	0.86	639.97	128.82
	13:59:04	70.77	6.66	639.29	1.02	621.38	125.49
	13:59:34	70.83	6.66	637.38	1.53	620.48	122.79
	14:00:04	70.88	6.65	636.47	1.40	622.27	120.44
Variance in last 3 readings		0.09	0.00	0.18	0.15	-18.59	-3.33
		0.06	-0.01	-1.91	0.51	-0.90	-2.69
		0.05	-0.01	-0.91	-0.13	1.79	-2.35

NA - Information is not available.



Troll 9000
12/03/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 291.5 [ft]
 Pump placement from TOC 290 [ft]

Well Information:

Well Id CS-MW16-LGR
 Well diameter 4 [in]
 Well total depth 314.4 [ft]
 Depth to top of screen 199 [ft]
 Screen length 1332 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 131.31 [mL]
 Calculated Sample Rate 3940 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	13:02:03	69.60	7.10	557.71	1.13	2471.85	233.36
	13:02:49	69.65	7.10	554.12	1.02	2405.61	232.55
	13:03:34	69.66	7.14	554.86	1.60	2648.78	230.46
	13:04:19	69.65	7.15	556.01	2.37	2636.80	229.86
	13:05:06	69.67	7.15	553.71	0.94	2581.79	229.69
Variance in last 3 readings		0.01	0.03	0.74	0.58	243.17	-2.09
		-0.01	0.01	1.15	0.77	-11.98	-0.60
		0.02	0.00	-2.30	-1.43	-55.01	-0.17

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 343 [ft]
 Pump placement from TOC 302 [ft]

Well Information:

Well Id CS-MW12-LGR
 Well diameter 4 [in]
 Well total depth 358.5 [ft]
 Depth to top of screen 333 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 133.84 [mL]
 Calculated Sample Rate 4016 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:23:30	70.36	7.41	551.42	0.32	4681.75	-63.68
	9:24:15	70.33	7.41	551.81	0.30	4489.14	-62.14
	9:25:01	70.36	7.41	551.48	0.29	4297.27	-60.60
	9:25:47	70.34	7.40	550.34	-0.12	4116.46	-58.67
	9:26:33	70.24	7.39	553.13	0.28	3945.42	-56.41
Variance in last 3 readings		0.02	0.00	-0.34	-0.01	-191.87	1.54
		-0.02	-0.01	-1.13	-0.41	-180.81	1.92
		-0.09	-0.01	2.79	0.40	-171.04	2.27

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 450 [ft]
 Pump placement from TOC 302 [ft]

Well Information:

Well Id CS-MW12-CC
 Well diameter 4 [in]
 Well total depth 465.5 [ft]
 Depth to top of screen 440 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 139.09 [mL]
 Calculated Sample Rate 4173 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:49:30	70.75	7.40	752.36	0.55	659.41	-116.62
	10:50:16	70.66	7.39	757.46	0.45	655.09	-113.67
	10:51:01	70.71	7.39	758.84	0.52	654.21	-111.02
	10:51:47	70.82	7.40	759.59	0.44	649.47	-108.29
	10:52:31	70.81	7.40	761.48	0.80	646.79	-105.55
Variance in last 3 readings		0.06	0.00	1.38	0.07	-0.88	2.65
		0.11	0.00	0.75	-0.08	-4.74	2.74
		-0.01	0.00	1.89	0.36	-2.69	2.74

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 382 [ft]
 Pump placement from TOC 302 [ft]

Well Information:

Well Id CS-MW12-BS
 Well diameter 4 [in]
 Well total depth 408 [ft]
 Depth to top of screen 382 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 135.75 [mL]
 Calculated Sample Rate 4073 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:59:06	70.76	9.64	391.84	0.27	5948.30	-177.34
	9:59:52	70.85	9.64	390.93	0.28	5869.31	-178.20
	10:00:36	70.86	9.64	390.03	-0.14	5791.30	-178.62
	10:01:23	70.84	9.63	390.00	0.24	5707.18	-178.92
	10:02:08	70.93	9.63	389.20	0.26	5611.14	-179.48
Variance in last 3 readings		0.01	-0.01	-0.90	-0.43	-78.01	-0.43
		-0.01	0.00	-0.03	0.39	-84.12	-0.30
		0.09	0.00	-0.80	0.02	-96.04	-0.56

NA - Information is not available.



Troll 9000
12/06/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 430 [ft]
 Pump placement from TOC 342 [ft]

Well Information:

Well Id CS-MW11A-LGR
 Well diameter 4 [in]
 Well total depth 445.5 [ft]
 Depth to top of screen 420.3 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 138.11 [mL]
 Calculated Sample Rate 4144 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:23:16	69.49	7.12	530.80	0.24	5259.75	119.21
	14:24:01	69.50	7.11	530.80	-0.28	5175.42	119.81
	14:24:47	69.47	7.12	531.98	0.18	5095.86	119.38
	14:25:33	69.49	7.12	532.04	0.21	5008.48	120.19
	14:26:19	69.49	7.12	531.42	-0.23	4931.67	120.75
Variance in last 3 readings		-0.03	0.01	1.17	0.45	-79.55	-0.43
		0.01	0.00	0.06	0.04	-87.39	0.81
		0.00	0.00	-0.62	-0.45	-76.81	0.56

NA - Information is not available.



Troll 9000
12/06/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 476 [ft]
 Pump placement from TOC 293 [ft]

Well Information:

Well Id CS-MW10-LGR
 Well diameter 4 [in]
 Well total depth 541 [ft]
 Depth to top of screen 470 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 140.37 [mL]
 Calculated Sample Rate 4212 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:12:00	70.29	7.06	683.24	0.56	5957.44	280.48
	9:12:45	70.33	7.08	681.73	0.62	5959.79	280.83
	9:13:30	70.32	7.09	681.23	0.56	5955.83	281.85
	9:14:17	70.33	7.12	680.93	0.52	5870.07	281.63
	9:15:02	70.39	7.13	680.74	0.45	5809.96	282.02
Variance in last 3 readings		-0.02	0.01	-0.50	-0.06	-3.97	1.02
		0.01	0.03	-0.30	-0.03	-85.76	-0.22
		0.06	0.02	-0.19	-0.08	-60.11	0.38

NA - Information is not available.



Troll 9000
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Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 476 [ft]
 Pump placement from TOC 293 [ft]

Well Information:

Well Id CS-MW10-CC
 Well diameter 4 [in]
 Well total depth 541 [ft]
 Depth to top of screen 470 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 140.37 [mL]
 Calculated Sample Rate 4212 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:39:47	69.91	7.44	819.58	0.24	6477.90	-144.70
	9:40:33	69.92	7.38	820.32	0.23	6401.17	-134.40
	9:41:18	69.95	7.40	821.94	-0.24	6322.53	-144.10
	9:42:04	70.04	7.37	822.39	0.23	6232.66	-143.33
	9:42:49	70.08	7.37	822.24	0.21	6158.82	-94.30
Variance in last 3 readings		0.04	0.02	1.62	-0.47	-78.64	-9.70
		0.09	-0.02	0.45	0.47	-89.86	0.77
		0.05	0.00	-0.14	-0.02	-73.84	49.03

NA - Information is not available.



Troll 9000
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Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 195 [ft]
 Pump placement from TOC 193.5 [ft]

Well Information:

Well Id CS-MW11B-LGR
 Well diameter 4 [in]
 Well total depth 260 [ft]
 Depth to top of screen 182 [ft]
 Screen length 300 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 126.57 [mL]
 Calculated Sample Rate 3798 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	13:48:10	69.30	6.96	596.58	3.94	7433.79	152.77
	13:48:55	69.31	6.97	594.41	4.28	7496.16	153.58
	13:49:41	69.32	6.96	594.96	2.92	7587.33	155.64
	13:50:26	69.33	6.94	596.04	5.47	7826.52	158.03
	13:51:11	69.36	6.96	595.65	3.63	7690.76	157.26
Variance in last 3 readings		0.01	0.00	0.54	-1.36	91.17	2.05
		0.01	-0.02	1.09	2.55	239.19	2.39
		0.03	0.01	-0.39	-1.84	-135.76	-0.77

NA - Information is not available.



Troll 9000
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Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type NA
 Tubing Type NA
 Tubing Diameter NA
 Tubing Length NA
 Pump placement from TOC 342 [ft]

Well Information:

Well Id CS-I
 Well diameter 4 [in]
 Well total depth 361 [ft]
 Depth to top of screen NA
 Screen length NA

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 20 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:44:08	70.58	7.00	571.04	-0.05	4684.71	187.08
	9:44:28	70.55	6.99	551.19	0.00	4285.75	188.11
	9:44:47	70.52	6.99	558.81	-0.22	4849.10	187.42
	9:45:09	70.48	6.99	550.79	-0.04	4888.41	186.27
	9:45:29	70.27	6.99	551.33	-0.01	4599.72	185.28
Variance in last 3 readings		-0.04	0.00	7.62	-0.22	563.35	-0.68
		-0.04	0.00	-8.02	0.18	39.31	-1.15
		-0.21	0.00	0.54	0.03	-288.69	-0.98

NA - Information is not available.



Troll 9000
12/03/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type NA
 Tubing Type NA
 Tubing Diameter 0 [in]
 Tubing Length 0 [ft]
 Pump placement from TOC 0 [ft]

Well Information:

Well Id CS-9
 Well diameter 0 [in]
 Well total depth 0 [ft]
 Depth to top of screen 0 [ft]
 Screen length 0 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 20 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	8:48:39	69.90	6.89	667.35	0.85	5240.21	171.37
	8:49:00	70.04	6.89	668.13	0.62	5811.08	170.60
	8:49:21	69.98	6.89	671.38	0.37	6071.12	171.19
	8:49:42	70.10	6.88	668.92	0.29	6174.41	172.65
	8:50:01	70.02	6.89	671.49	0.29	6256.57	173.25
Variance in last 3 readings		-0.06	0.00	3.25	-0.25	260.04	0.60
		0.12	0.00	-2.46	-0.08	103.29	1.45
		-0.08	0.00	2.57	-0.01	82.16	0.60

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 247.5 [ft]
 Pump placement from TOC 247.5 [ft]

Well Information:

Well Id CS-4
 Well diameter 2 [in]
 Well total depth 256.5 [ft]
 Depth to top of screen 204.5 [ft]
 Screen length 624 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 129.15 [mL]
 Calculated Sample Rate 3875 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	14:04:11	69.44	6.85	543.40	1.06	7075.50	171.40
	14:04:56	69.42	6.86	543.66	1.40	6986.44	170.97
	14:05:41	69.46	6.86	543.99	1.23	6912.32	170.93
	14:06:27	69.44	6.86	543.54	1.22	6836.40	170.89
	14:07:12	69.47	6.87	543.66	1.42	6797.12	168.02
Variance in last 3 readings		0.04	0.00	0.32	-0.17	-74.12	-0.04
		-0.02	0.00	-0.45	-0.01	-75.92	-0.04
		0.03	0.01	0.13	0.20	-39.28	-2.86

NA - Information is not available.



Troll 9000
12/07/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type QED Gas Operated Bladder Pump
 Tubing Type Teflon-lined Tubing
 Tubing Diameter 0.25 [in]
 Tubing Length 0 [ft]
 Pump placement from TOC 339 [ft]

Well Information:

Well Id CS-2
 Well diameter 2 [in]
 Well total depth 350 [ft]
 Depth to top of screen 205 [ft]
 Screen length 1740 [in]

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 45 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	13:36:25	69.59	6.65	545.45	8.82	8957.00	113.04
	13:37:11	69.66	6.66	555.31	5.96	9024.25	122.01
	13:37:56	69.71	6.69	558.08	5.41	8765.21	128.38
	13:38:43	69.70	6.69	559.86	5.08	8816.77	133.81
	13:39:28	69.70	6.69	561.37	5.20	8766.68	138.56
Variance in last 3 readings		0.05	0.03	2.78	-0.56	-259.04	6.37
		-0.01	0.01	1.77	-0.33	51.57	5.43
		0.01	0.00	1.51	0.12	-50.09	4.75



Troll 9000
12/03/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type NA
 Tubing Type NA
 Tubing Diameter NA
 Tubing Length NA
 Pump placement from TOC NA

Well Information:

Well Id CS-11
 Well diameter NA
 Well total depth NA
 Depth to top of screen NA
 Screen length NA

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 20 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:24:02	70.22	7.01	577.38	2.45	3575.31	87.43
	9:24:22	70.13	7.00	576.72	2.19	3677.28	90.67
	9:24:43	70.07	7.00	575.78	2.48	3761.67	93.54
	9:25:03	70.00	7.00	575.27	2.36	3871.64	96.06
	9:25:23	69.91	7.00	575.05	2.45	3955.60	98.54
Variance in last 3 readings		-0.07	0.00	-0.95	0.28	84.40	2.86
		-0.07	0.00	-0.51	-0.11	109.97	2.52
		-0.09	0.00	-0.22	0.09	83.95	2.48



Troll 9000
12/03/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_KC
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type NA
 Tubing Type NA
 Tubing Diameter NA
 Tubing Length NA
 Pump placement from TOC NA

Well Information:

Well Id CS-10
 Well diameter NA
 Well total depth NA
 Depth to top of screen NA
 Screen length NA

Pumping information:

Final pumping rate NA
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 20 [sec]
 Stabilized drawdown 0 [m]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	9:06:12	71.74	7.07	585.88	20.91	4087.83	204.31
	9:06:33	71.82	7.06	585.88	18.29	4376.25	205.63
	9:06:54	71.89	7.07	586.26	20.14	4485.17	205.46
	9:07:14	71.89	7.05	586.49	19.57	4517.65	207.60
	9:07:33	71.93	7.04	586.64	22.37	4549.87	208.49
Variance in last 3 readings		0.07	0.02	0.38	1.85	108.92	-0.17
		0.00	-0.03	0.23	-0.57	32.48	2.14
		0.03	0.00	0.15	2.80	32.22	0.90



Troll 9000
11/29/04

Low-Flow System
ISI Low-Flow Log

Project Information:

Operator Name SE_ET
 Company Name Parsons
 Project Name CSSA Quarterly Groundwater Monitoring
 Site Name Camp Stanley Storage Activity

Pump Information:

Pump Model/Type NA
 Tubing Type NA
 Tubing Diameter 0 [in]
 Tubing Length 0 [ft]
 Pump placement from TOC 0 [ft]

Well Information:

Well Id CS-MWH-LGR
 Well diameter NA
 Well total depth NA
 Depth to top of screen NA
 Screen length NA

Pumping information:

Final pumping rate 0 [mL/min]
 Flowcell volume 117 [mL]
 Calculated Sample Rate 3510 [sec]
 Sample rate 20 [sec]
 Stabilized drawdown 0 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [F]	pH [pH]	Cond [uS/cm]	Turb [NTU]	DO [ug/L]	ORP [mV]
Stabilization Settings			+/-0	+/-0	+/-0	+/-0	+/-0
Last 5 Readings	10:50:31	70.68	6.96	521.56	24.26	7618.17	165.49
	10:50:52	70.69	6.95	521.20	24.57	7528.45	168.06
	10:51:11	70.71	6.95	521.68	43.07	7274.21	170.32
	10:51:32	70.70	6.95	528.81	8.14	7047.07	172.51
	10:51:52	70.75	6.95	529.37	7.66	6617.49	174.73
Variance in last 3 readings		0.02	0.00	0.48	18.51	-254.25	2.27
		-0.01	0.00	7.13	-34.93	-227.14	2.18
		0.05	0.00	0.56	-0.48	-429.58	2.22

NA - Information is not available.