IUP: Lab Data

		Ions						Metals											Chemistry	
Date	Sample	F- (ppm)	Cl- (ppm)	Br- (ppm)	NO3- (ppm)	PO4 (ppm)	SO4 (ppm)	Ca (ppm)	Mg (ppm)	Fe (ppm)	Mn (ppm)	Al (ppm)	Sr (ppm)	Pb (ppm)	As (ppm)	Hg (ppm)	Cr (ppm)	Ba (ppm)	Cd (ppm)	TDS (ppm)	Alkalinity (ppm CaCO3)
SDWA	MCL	4	250*	NA**	1	NA**	250*	NA**	NA**	0.3*	0.05*	0.2*	NA**	15***	0.01	0.002	0.1	2	0.005	500*	NA**
4-Feb	W-04	DNQ	8.37	0.057	5.32	<LD	26.49	17.4	4.3	0.09	<LD	DNQ	0.075	<LD	<LD	<LD	<LD	DNQ	<LD		
4-Feb	W-14	DNQ	4.73	DNQ	4.21	<LD	27.6	13.6	3.4	DNQ	<LD	DNQ	0.06	<LD	<LD	<LD	<LD	DNQ	<LD		
4-Feb	BRC-1	DNQ	5.07	DNQ	5.85	<LD	29.22	12	3	DNQ	<LD	<LD	0.051	<LD	<LD	<LD	<LD	DNQ	<LD		
4-Feb	BRC-3	DNQ	4.94	DNQ	5.86	<LD	29.27	12	3	DNQ	<LD	<LD	0.051	<LD	<LD	<LD	<LD	DNQ	<LD		
4-Feb	BRS-4	DNQ	18.22	DNQ	6.25	<LD	27.89	10.7	2.9	0.41	0.15	0.11	0.039	<LD	<LD	<LD	<LD	DNQ	<LD		
4-Feb	BRS-1	DNQ	18.02	DNQ	6.23	<LD	27.75	10.8	3	0.36	0.14	DNQ	0.04	<LD	<LD	<LD	<LD	DNQ	<LD		
5-Feb	BRC-2	DNQ	3.9	DNQ	4.27	<LD	25.84	10.5	2.5	0.07	DNQ	<LD	0.043	<LD	<LD	<LD	<LD	DNQ	<LD		
5-Feb	BRC-4	DNQ	4.01	DNQ	4.53	<LD	26.86	10.6	2.5	0.07	DNQ	<LD	0.043	<LD	<LD	<LD	<LD	DNQ	<LD		
5-Feb	BRS-2	DNQ	28.98	DNQ	7.9	<LD	32.03	12.6	3.6	0.11	DNQ	DNQ	0.047	<LD	<LD	<LD	<LD	DNQ	<LD		
5-Feb	BRS-3	DNQ	28.95	DNQ	7.94	<LD	32.23	12.7	3.6	0.61	0.15	0.16	0.047	<LD	<LD	<LD	<LD	0.038	<LD		
6-Feb	BR 0206	<LD	6.71	<LD	2.58	<LD	10.42	5.7	1.3	0.18	0.12	<LD	DNQ	<LD	<LD	<LD	<LD	<LD	<LD	73	8
6-Feb	BRC 0206	DNQ	1.66	<LD	DNQ	<LD	8.42	4.4	0.9	0.24	0.08	<LD	DNQ	<LD	<LD	<LD	<LD	<LD	<LD	105	4.82
7-Feb	stream 0207	DNQ	37.14	0.046	4.31	<LD	47.92	21.6	5.1	<LD	<LD	<LD	0.073	<LD	<LD	<LD	<LD	DNQ	<LD	100	27.08
7-Feb	BRS 0207	<LD	3.82	<LD	DNQ	<LD	DNQ	1.3	0.3	<LD	<LD	<LD	<LD	<LD	<LD	<LD	<LD	DNQ	<LD	47	acidic
7-Feb	BR 0207	DNQ	20.32	DNQ	2.93	<LD	23.43	11.1	3	DNQ	0.07	<LD	0.043	<LD	<LD	<LD	<LD	DNQ	<LD	75	15.42
7-Feb	BRC 0207	<LD	DNQ	<LD	DNQ	<LD	5.49	3.6	0.7	0.11	DNQ	<LD	DNQ	<LD	<LD	<LD	<LD	<LD	<LD	58	3.76
8-Feb	stream 0208	DNQ	44.28	0.049	3.75	<LD	61.26	24.2	5.6	<LD	0.14	<LD	0.079	<LD	<LD	<LD	0.064	DNQ	<LD	180	33.44
11-Feb	stream 0211	DNQ	38.63	0.047	3.97	<LD	48.99	21.6	5	DNQ	DNQ	<LD	0.072	<LD	<LD	<LD	<LD	DNQ	<LD	140	34.5
11-Feb	stream 0213	<LD	41.49	0.047	4.12	<LD	54.32	21.9	5.1	DNQ	0.09	<LD	0.073	<LD	<LD	<LD	<LD	DNQ	<LD	51	32.38
11-Feb	BRS 0211	<LD	6.62	<LD	DNQ	<LD	5.27	3.3	0.9	DNQ	DNQ	<LD	DNQ	<LD	<LD	<LD	<LD	<LD	<LD	75	2.7
11-Feb	BR 0211	<LD	17.65	0.055	4.7	<LD	27.79	13.1	4.1	DNQ	<LD	<LD	0.06	<LD	<LD	<LD	<LD	DNQ	<LD	53	19.66
11-Feb	BRC 0211	DNQ	4.39	<LD	3.81	<LD	22.84	9.6	2	0.09	<LD	DNQ	0.032	<LD	<LD	<LD	<LD	DNQ	<LD	62	10.12
13-Feb	BRS 0213	DNQ	17	<LD	6.16	<LD	23.17	9.6	2.6	0.31	DNQ	0.11	0.035	<LD	<LD	<LD	<LD	DNQ	<LD	77	10.12
13-Feb	BR 0213	DNQ	36.08	0.054	4.22	<LD	40.32	22.3	5.2	0.18	DNQ	DNQ	0.09	<LD	<LD	<LD	<LD	DNQ	<LD	error	37.68
13-Feb	BRC 0213	DNQ	16.99	DNQ	5.65	<LD	27.74	12.6	3.1	0.1	DNQ	DNQ	0.046	<LD	<LD	<LD	<LD	DNQ	<LD	34	16.48
14-Feb	stream 0214	<LD	41.76	0.047	4.16	<LD	53.81	22.3	5.2	DNQ	0.07	<LD	0.074	<LD	<LD	<LD	<LD	DNQ	<LD	187	33.44
14-Feb	BRS 0214	DNQ	26	DNQ	6.49	<LD	25.11	10.8	3	0.1	DNQ	<LD	0.039	<LD	<LD	<LD	<LD	DNQ	<LD	59	11.18
14-Feb	BR 0214	DNQ	32.65	0.05	4.18	<LD	42.62	19.7	4.8	0.16	DNQ	DNQ	0.073	<LD	<LD	<LD	<LD	DNQ	<LD	54	31.32
14-Feb	BRC 0214	DNQ	14.77	DNQ	6.16	<LD	29.41	13.1	3.1	0.07	<LD	<LD	0.048	<LD	<LD	<LD	<LD	DNQ	<LD	13	16.48
14-Feb	PAD 0214	DNQ	47.71	0.049	4.31	<LD	60.12	24.3	5.6	DNQ	0.09	<LD	0.081	<LD	<LD	<LD	<LD	DNQ	<LD	184	33.44
15-Feb	W-04	DNQ	6.99	DNQ	7.59	<LD	19.46	11.5	2.7	DNQ	<LD	<LD	0.045	<LD	<LD	<LD	<LD	DNQ	<LD	103	16.48
15-Feb	W-14	DNQ	3.92	<LD	5.86	<LD	22.51	10.6	2.6	0.06	<LD	<LD	0.045	<LD	<LD	<LD	<LD	DNQ	<LD	81	15.42
19-Feb	stream 0219	DNQ	40.83	0.047	4.11	<LD	50.72	22.7	5.2	DNQ	0.33	<LD	0.074	<LD	<LD	<LD	<LD	0.042	<LD	149	34.54
19-Feb	raw 0219	DNQ	44.69	0.047	4.26	<LD	53.44	22.3	5.3	DNQ	DNQ	<LD	0.074	<LD	<LD	<LD	<LD	0.038	<LD	103	34.54
19-Feb	BRS 0219	DNQ	37.58	DNQ	6.11	<LD	30.83	14.9	4.1	0.14	DNQ	DNQ	0.055	<LD	<LD	<LD	<LD	0.041	<LD	123	23.94
19-Feb	BR 0219	DNQ	37.75	0.047	3.98	<LD	48.57	22.9	5.3	DNQ	DNQ	<LD	0.076	<LD	<LD	<LD	<LD	<LD	<LD	142	33.48
19-Feb	BRC 0219	DNQ	27.7	DNQ	5.08	<LD	37.49	17.8	4.3	DNQ	<LD	<LD	0.061	<LD	<LD	<LD	<LD	0.035	<LD	108	27.12
21-Feb	stream 0221	DNQ	37	0.046	5.44	<LD	47.06	22.3	5.1	DNQ	DNQ	<LD	0.072	<LD	<LD	<LD	<LD	0.037	<LD	133	32.42
21-Feb	BRS 0221	DNQ	29.42	DNQ	4.73	<LD	24.86	11.8	3.3	0.11	DNQ	<LD	0.045	<LD	<LD	<LD	<LD	DNQ	<LD	61	16.52
21-Feb	BR 0221	DNQ	16.87	0.047	3.6	<LD	25.07	13.8	3.6	DNQ	DNQ	<LD	0.053	<LD	<LD	<LD	<LD	DNQ	<LD	137	18.64
21-Feb	BRC 0221	DNQ	4.48	<LD	DNQ	<LD	19.14	8	1.6	0.17	DNQ	DNQ	DNQ	<LD	<LD	<LD	<LD	DNQ	<LD	56	10.16
22-Feb	W-04	DNQ	11.73	DNQ	6.79	<LD	20.89	12.1	3	0.11	<LD	DNQ	0.048	<LD	<LD	<LD	<LD	DNQ	<LD	55	19.7
22-Feb	W-14	DNQ	6.15	DNQ	5.66	<LD	22.75	10.8	2.7	DNQ	<LD	<LD	0.046	<LD	<LD	<LD	<LD	DNQ	<LD	51	15.46
22-Feb	stream 0222	DNQ	39.26	0.047	4.62	<LD	49.38	22.2	5.2	DNQ	DNQ	<LD	0.072	<LD	<LD	<LD	<LD	0.036	<LD	141	35.6
22-Feb	raw 0222	DNQ	47.09	0.048	4.23	<LD	56.25	22.7	5.3	DNQ	0.08	<LD	0.076	<LD	<LD	<LD	<LD	0.037	<LD	144	36.66
22-Feb	BRS 0222	DNQ	9.86	<LD	5.46	<LD	14.79	12.1	2	0.23	0.08	DNQ	0.037	<LD	<LD	<LD	<LD	DNQ	<LD	31	6.98
22-Feb	BR 0222	DNQ	20.05	0.048	4.17	<LD	23.58	12.6	3.9	DNQ	DNQ	<LD	0.059	<LD	<LD	<LD	<LD	DNQ	<LD	57	20.76
22-Feb	BRC 0222	DNQ	6.47	<LD	DNQ	<LD	22.76	11.8	2	0.2	0.08	DNQ	0.036	<LD	<LD	<LD	<LD	0.035	<LD	42	17.58
25-Feb	stream 0225	DNQ	39.79	0.049	4.25	<LD	49.27														
25-Feb	RAW 0225	DNQ	41.1	0.051	3.85	<LD	50.01														
25-Feb	BRS 0225	DNQ	45.75	0.047	4.38	<LD	35.16														
25-Feb	BR 0225	DNQ	41.28	0.051	3.85	<LD	50.23														
25-Feb	BRC 0225	DNQ	39.2	0.048	4.14	<LD	42.43														
27-Feb	stream 0227	DNQ	43.01	0.05	3.97	<LD	51.1														
27-Feb	RAW 0227	DNQ	44.1	0.051	3.96	<LD	52.37														
27-Feb	BRS 0227	DNQ	44.62	0.047	4.4	<LD	36.81														
27-Feb	BR 0227	<LD	27.59	0.055	3.51	<LD	40.57														
27-Feb	BRC 0227	DNQ	28.14	DNQ	4.32	<LD	36.17														
28-Feb	W-04	DNQ	8.7	0.052	5.95	<LD	23.44														
28-Feb	W-14	DNQ	4.68	DNQ	4.58	<LD	22.59														
28-Feb	stream 0228	DNQ	44.38	0.05	4	<LD	51.08														
28-Feb	RAW 0228	DNQ	45.82	0.051	4.09	<LD	52.05														
28-Feb	BRS 0228	DNQ	44.56	0.047	4.4	<LD	37.51														
28-Feb	BR 0228	DNQ	41.36	0.052	3.92	<LD	50.07														
28-Feb	BRC 0228	<LD	29.7	DNQ	4.16	<LD	36.91														

Key:
SDWA MCL: Safe Drinking Water Act Maximum Contaminant Level
This value is supplied for reference only, as this MCL concerns Drinking Water
Leaving the treatment plant. The Sample results displayed are on Untreated waters.
DNQ: Below Quanititation level
<LD: Less than Limit of detection
error: error experienced with analyses. Sample lost
Acidic: Sample too acidic to analyse. Lab Contamination
*:Secondary MCL
**: No MCL set under federal Drinking Water Standards
***: Action level based on 90-percentile in Distribution