E1201232

WO # E1201232	Analyte	Method Used[1]	Pre-Filtered Concentra-tion	Units	Post-Filtra-tion Result	% Reduc-tion	Report-ing Limit	Date Analyzed
001	Nitrite	300.0	2.00	mg/L	<0.10	>95.0	0.10	05/22/12
001	MBAS	SM 5540 C	300	µg/L	<10	>96.7	10	05/24/12
001	Aluminum	200.8	200	µg/L	<50	>75.0*	50	06/05/12
001	Arsenic	200.8	200	µg/L	<2.0	>99.0	2.0	06/05/12
001	Chromium	200.8	200	µg/L	<10.0	>95.0	10.0	06/05/12
001	Copper	200.8	200	µg/L	<10.0	>95.0	10.0	06/05/12
001	Nickel	200.8	200	µg/L	<10.0	>95.0	10.0	06/05/12
001	Cadmium	200.8	200	µg/L	<1.0	>99.5	1.0	06/05/12
001	Cobalt	200.8	200	µg/L	<10.0	>95.0	10.0	06/05/12
001	Lead	200.8	200	µg/L	<5.0	>97.5	5.0	06/05/12
001	Molybdenum	200.8	200	µg/L	<20.0	>90.0	20.0	06/05/12
001	Vanadium	200.8	200	µg/L	<25.0	>87.5	25.0	06/05/12
001	Antimony	200.8	200	µg/L	<5.0	>97.5	5.0	06/05/12
001	Selenium	200.8	200	µg/L	<5.0	>97.5	5.0	06/05/12
001	Thallium	200.8	200	µg/L	<1.0	>99.5	1.0	06/05/12
001	Barium	200.8	200	µg/L	<10	>95.0	10	06/05/12
001	Chromium VI	218.6	200	µg/L	<0.30	>99.8	0.30	07/13/12
001	Mercury	245.1	25.0	µg/L	<0.50	>98.0	0.50	06/02/12
001	Total Chlorine	SM4500Cl	0.65	mg/L	<0.10	>85.0	0.10	06/01/12
001	Turbidity	SM 2130B	4.50	NTU	<.10	>97.8	0.10	06/01/12

Submitted By:

10/16/2012

Hertz-Wei Chen, Supervising Toxicologist Date

10/18/12

Thant Win, Chief Date

tm

***During the 2012 test, aluminum reduction was reported by the lab at >75%. With the lab testing in increments of 50 µg/L for aluminum in particular, there are only five results possible: <25%, >25%, >50%, >75%, 100%. Subsequent testing from a different lab in 2014 resulted in a >99.0% reduction in aluminum—see the results at: http://berkeywaterkb.com/wp-content/uploads/2016/06/Black-Berkey-Heavy-Metal-Chemical-VOC-Pharmaceutical-Petrol-Removal-Test-Report.pdf**