NINETY DAY ADULT FEMALE ADVANCED TRS CASE STUDY

Advanced TRS removes toxins and heavy metals which contributes to health and overall wellbeing as shown by this 90-day case study. We are pleased how well Advanced TRS worked on behalf of this adult female subject.

RESULTS OVER THE COURSE OF 90 DAYS

Lead was not affected until the 60 to 90 day period. The 90 day urine analysis report shows a 14% above baseline excretion level. Your starting level was 0.7 ppm. Your levels were pretty stable until the day 90 test when you showed an active excretion. As the upper limit is 0.4 ppm, you still have some cleanup to do on the lead. The Advanced TRS does appear to be removing the lead from your system very well though.

Mercury showed a dramatic improvement of excretion in the first 14 days with the majority being excreted in that time frame. Your starting levels were 1.33 ppm. Your 2 day results were 2.82 ppm, 7 day was 2.85 ppm, day 14 was 7.79 ppm, day 30 was 1.01 ppm, day 60 was 1.05 ppm, and day 90 was 1.33 ppm. The upper reference is 2.19 ppm. This is a dramatic release of mercury from your system, especially in the first two weeks of taking Advanced TRS. While your mercury levels are below the max reference range, I personally would like to see the levels lower still.

Aluminum started being excreted in higher amounts after the 30 day collection point. All levels are well below the upper reference range. Aluminum like lead is difficult to remove. You did show increased excretion after 30 days.

Antimony went to almost 0 in the 90 day period. This was never a health issue for you. You started at .033 ppm and after 90 days on Advanced TRS your level was .001 ppm.

Arsenic showed dramatic results with 285% above baseline to 31% above baseline during the entire course of this study. This indicates that you are continually being exposed to arsenic. I am suspecting your water supply as that is the most common source of arsenic. I would suggest you have your water tested to see what is in the water as soon as possible. The upper reference range for arsenic is 50.0 ppm. You started at 54 ppm, 2 day was 37 ppm, 7 day was 208 ppm, 14 day was 77 ppm, 30 day was 74 ppm, 60 day was 70 ppm, and 90 day was 155 ppm. As you can see, you

were excreting a lot of arsenic with the levels remaining high in your system. This is a cause for concern and should be addressed with your medical professionals.

Barium showed moderate increases in excretion at the 90 day collection. All levels were unremarkable.

Cadmium appeared to be unaffected during the course of this study. All levels were unremarkable.

Cesium appeared to be unaffected during the course of this study. As levels are high, continued monitoring is suggested.

Gallium was reduced to undetectable amounts over the course of the study.

Nickel started being actively excreted after the 30 day data point by over 100% above baseline. I suspect this is from your jewelry making. Your starting level was 2.6 ppm, with the 90 day level being 5.38 ppm. With an upper reference range of 4.0 ppm, you are excreting toxic levels on nickel which is great for your overall health.

Platinum was reduced to undetectable amounts over the course of the study.

Rubidium started being actively excreted after the 30 day data point by 33% above baseline.

Thallium started being actively excreted after the 30 day data point by 17% above baseline.

Tin showed a 60% increase over baseline after the 60 day data point.

Tungsten appeared to be unaffected during the course of this study. All levels were unremarkable.

Chromium exhibited active excretion after the 60 day data point by over 50% above baseline. The chromium really started coming out of your system at the 60 and 90 day test points.

Cobalt appeared to be unaffected during the course of this study. All levels were unremarkable.

Copper started being actively excreted after the 60 day data point by 80% above baseline.

Iron was erratic in the results via urine analysis. The cause of this is unknown. No observed excretion due to the Advanced TRS was observed. I believe the erratic results could be a result of the iron supplement you are taking. You never excreted iron above your baseline results, and several tests were below detection limits. I would encourage you to continue to monitor your iron levels closely with your medical professional.

Lithium appeared to be unaffected during the course of this study. All levels were unremarkable.

Manganese exhibited active excretion after the 60 day data point by over 163% above baseline.

Molybdenum had the most activity at the 2 day data point with levels over the 90 day study going to almost 0.

Selenium appeared to be unaffected during the course of this study. All levels were unremarkable.

Strontium appeared to be unaffected during the course of this study. All levels were unremarkable.

Vanadium exhibited two periods of active excretion; between 2 and 14 days, and between 60 and 90 days by about 90% above baseline.

Zinc exhibited active excretion after the 30 day data point by 185% above baseline. As the baseline result is at the upper limit of the reference range, it is recommended that you review the use of a zinc supplement. Your zinc started very high at 652 ppm. The upper reference range is 63 to 688 ppm; your 60 day test was 1720 ppm, and the 90 day was 1862 ppm. With zinc being a major component of solders and other jewelry making processes, as well as prevalent in photography and print making processes, I would encourage you to be very aware of your zinc levels.

Calcium appeared to be unaffected during the course of this study. All levels were unremarkable.

Magnesium exhibited active excretion after the 14 day data point by over 40% above baseline. As the baseline result is above upper limit of the reference range, it is recommended that you review the use of a magnesium supplement.

Potassium exhibited active excretion after the 60 day data point by over 33% above baseline. AS the baseline result is above upper limit of the reference range, it is recommended that you review the use of a potassium supplement.

Sulfur appeared to be unaffected during the course of this study. All levels were unremarkable.

Urine Creatinine appeared to be unaffected during the course of this study. All levels were unremarkable.
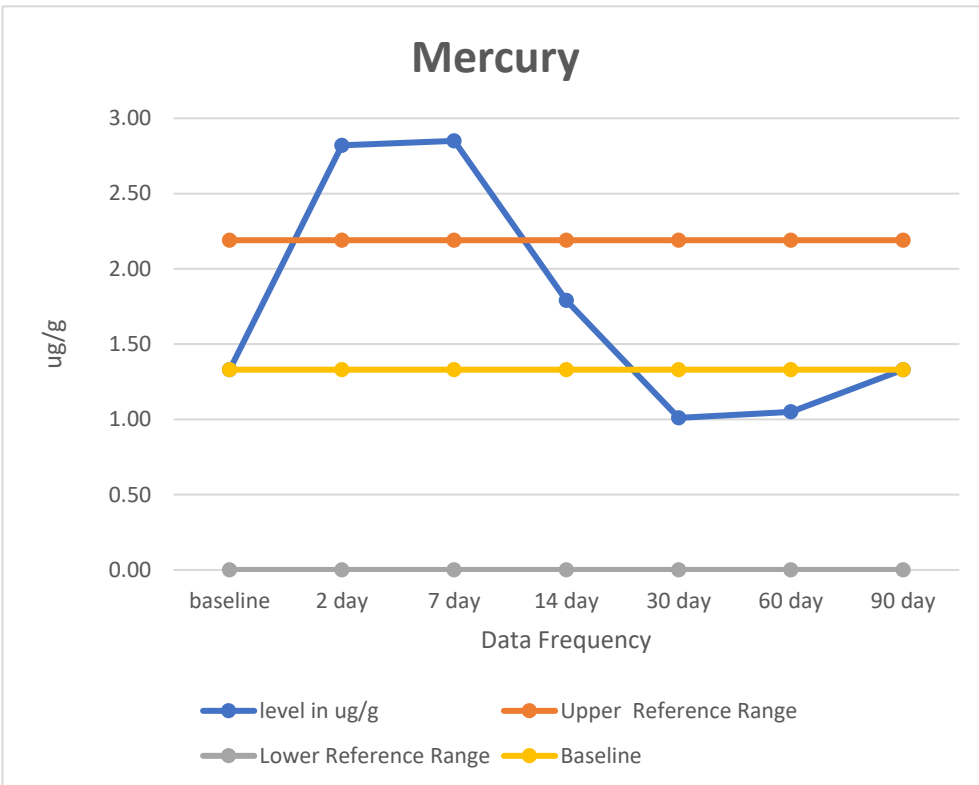
Lead

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	0.700	0.400	0.000	0.700	
09/16/15	2 day	0.400	0.400	0.000	0.700	42.9%
09/21/15	7 day	0.500	0.400	0.000	0.700	28.6%
09/28/15	14 day	0.500	0.400	0.000	0.700	28.6%
10/16/15	30 day	0.400	0.400	0.000	0.700	42.9%
11/14/15	60 day	0.300	0.400	0.000	0.700	57.1%
12/14/15	90 day	0.800	0.400	0.000	0.700	-14.3%
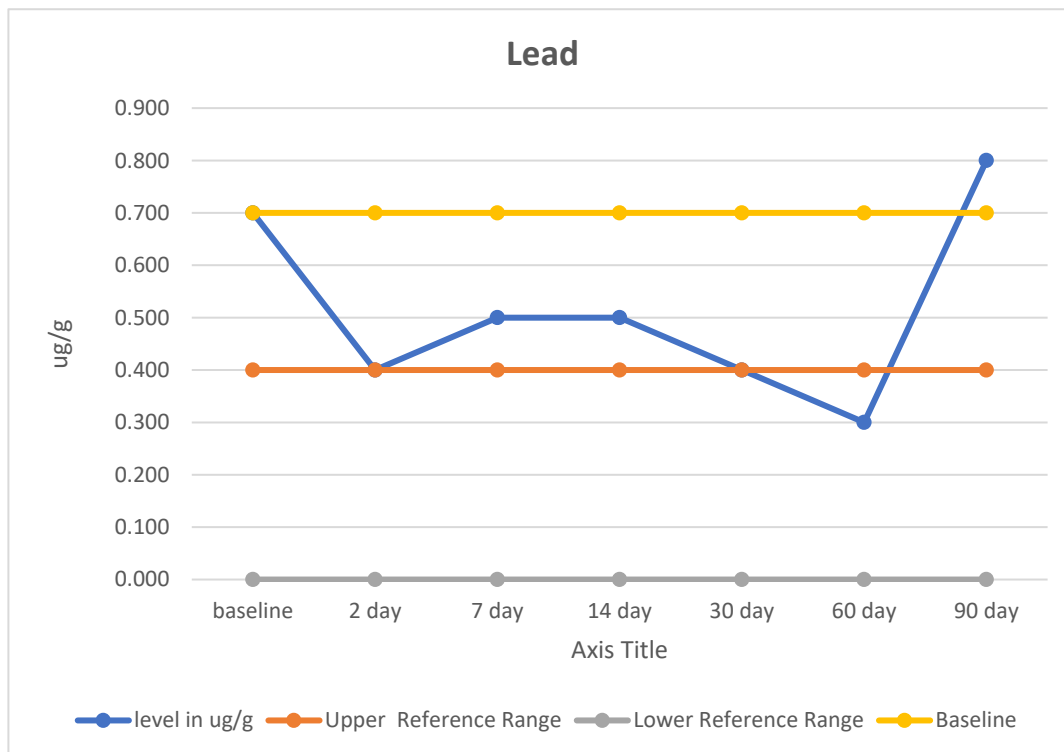
Mercury

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
9/14/15	**baseline**	1.33	2.19	0.00	1.330	0.0%
9/16/15	**2 day**	2.82	2.19	0.00	1.330	-112.0%
9/21/15	**7 day**	2.85	2.19	0.00	1.330	-114.3%
9/28/15	**14 day**	1.79	2.19	0.00	1.330	-34.6%
10/16/15	**30 day**	1.01	2.19	0.00	1.330	24.1%
11/14/15	**60 day**	1.050	2.19	0.00	1.330	21.1%
12/14/15	**90 day**	1.330	2.19	0.00	1.330	0.0%

Aluminum

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
9/14/15	baseline	11.800	22.300	0.000	11.800	
9/16/15	2 day	8.700	22.300	0.000	11.800	26.271%
9/21/15	7 day	7.9	22.300	0.000	11.800	33.051%
9/28/15	14 day	12.1	22.300	0.000	11.800	-2.542%
10/16/15	30 day	9.1	22.300	0.000	11.800	22.881%
11/14/15	60 day	9.200	22.300	0.000	11.800	22.034%
12/14/15	90 day	14.800	22.300	0.000	11.800	-25.424%
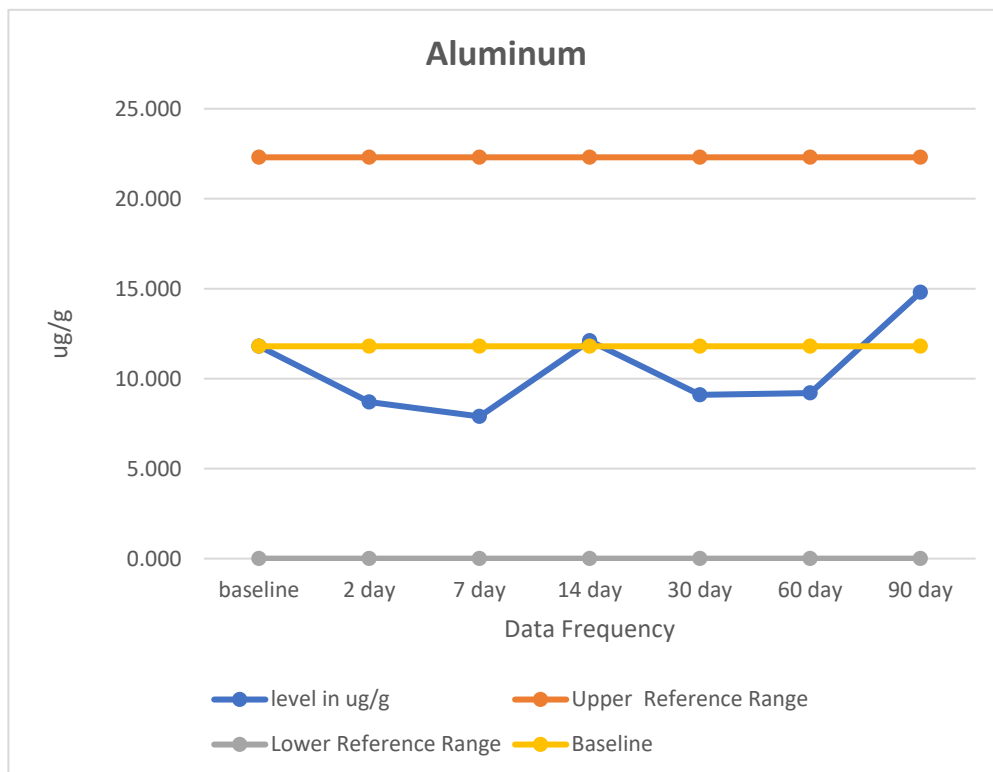
Arsenic

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	54.000	50.000	0.000	54.000	
09/16/15	2 day	37.000	50.000	0.000	54.000	31.481%
09/21/15	7 day	208.000	50.000	0.000	54.000	-285.185%
09/28/15	14 day	77.000	50.000	0.000	54.000	-42.593%
10/16/15	30 day	74.000	50.000	0.000	54.000	-37.037%
11/14/15	60 day	70.000	50.000	0.000	54.000	-29.630%
12/14/15	90 day	155.000	50.000	0.000	54.000	-187.037%

Arsenic
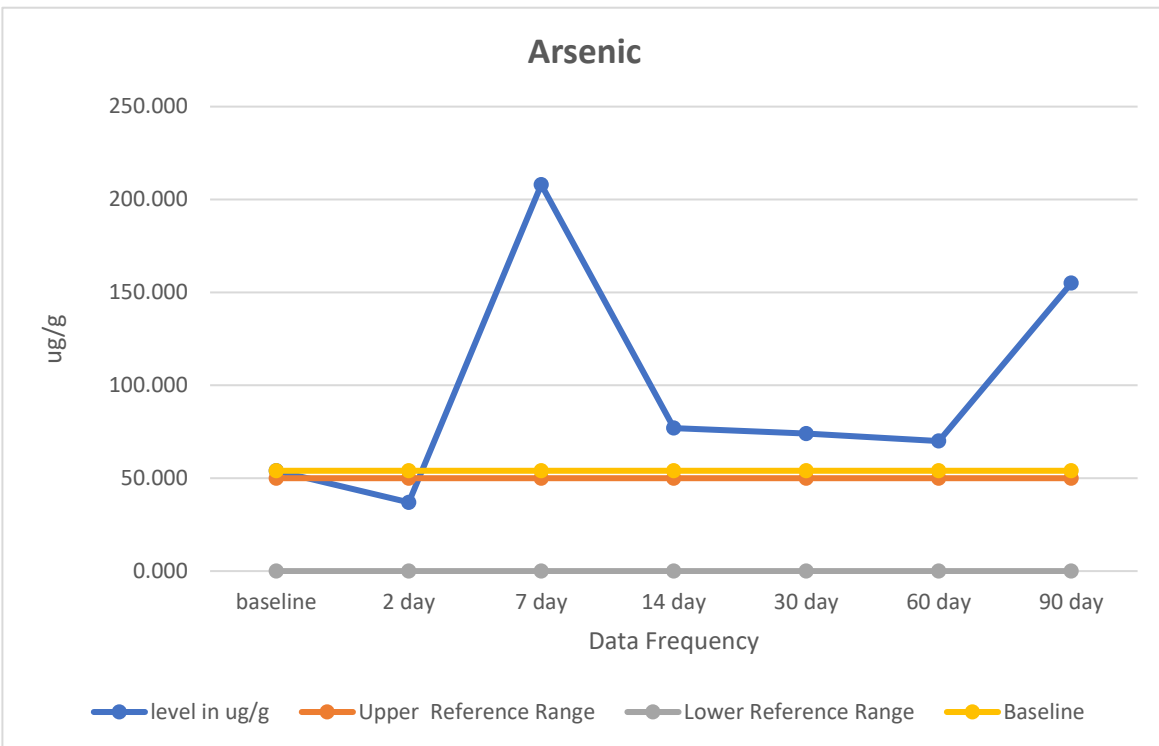
Rubidium

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	5,679.000	2263	0	5,679.0	
09/16/15	2 day	3,573.000	2263	0	5,679.0	37.084%
09/21/15	7 day	4518	2263	0	5,679.0	20.444%
09/28/15	14 day	4726	2263	0	5,679.0	16.781%
10/16/15	30 day	4639	2263	0	5,679.0	18.313%
11/14/15	60 day	6,369.000	2263	0	5,679.0	-12.150%
12/14/15	90 day	7,588.000	2263	0	5,679.0	-33.615%

Rubidium
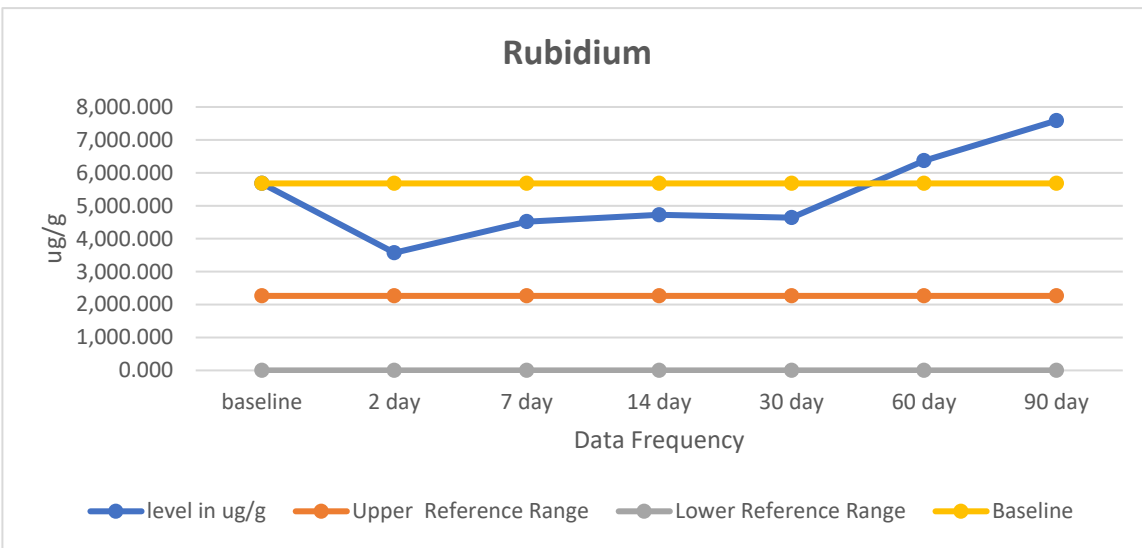
Nickel

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	2.600	3.880	0.000	2.600	
09/16/15	2 day	1.900	3.880	0.000	2.600	26.923%
09/21/15	7 day	2.720	3.880	0.000	2.600	-4.615%
09/28/15	14 day	2.410	3.880	0.000	2.600	7.308%
10/16/15	30 day	1.300	3.880	0.000	2.600	50.000%
11/14/15	60 day	2.620	3.880	0.000	2.600	-0.769%
12/14/15	90 day	5.380	3.880	0.000	2.600	-106.923%

Nickel
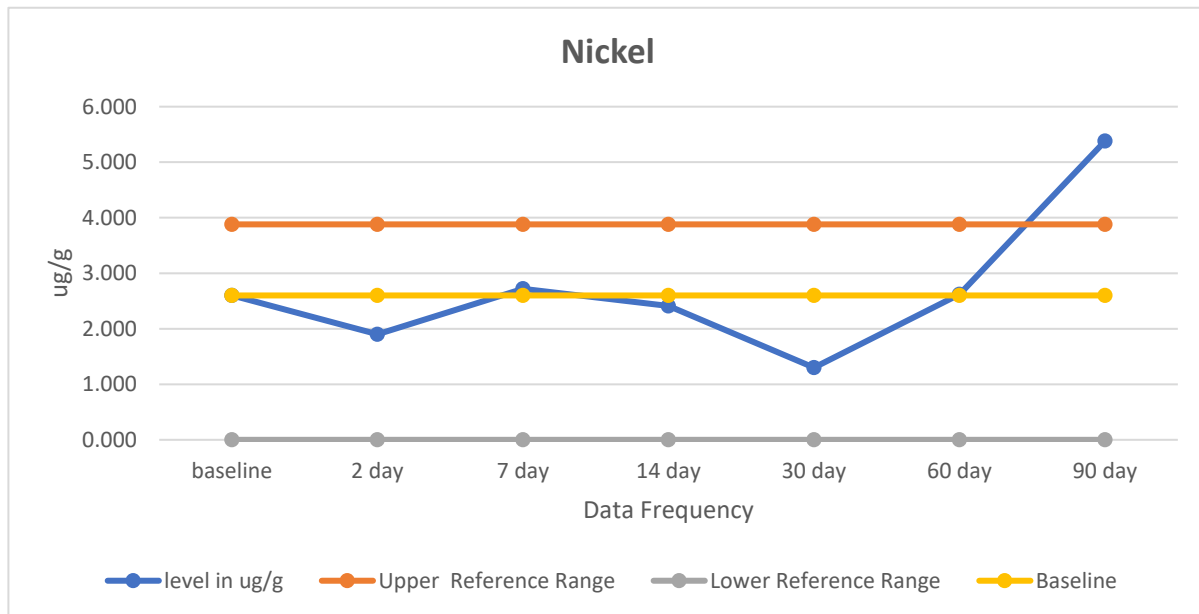
Chromium

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	5.300	9.400	0.600	5.300	
09/16/15	2 day	3.700	9.400	0.600	5.300	30.189%
09/21/15	7 day	3.500	9.400	0.600	5.300	33.962%
09/28/15	14 day	5.500	9.400	0.600	5.300	-3.774%
10/16/15	30 day	4.600	9.400	0.600	5.300	13.208%
11/14/15	60 day	8.400	9.400	0.600	5.300	-58.491%
12/14/15	90 day	8.100	9.400	0.600	5.300	-52.830%

Chromium
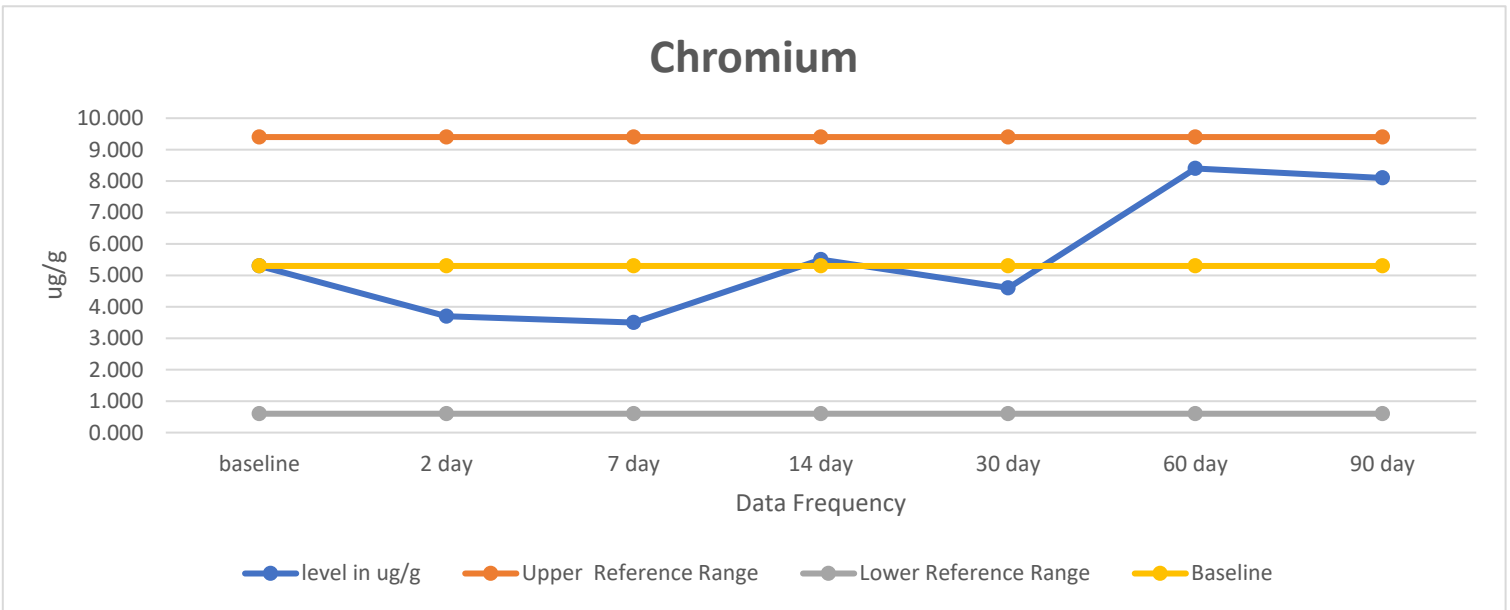
Copper

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	9.800	11.400	4.000	9.800	
09/16/15	2 day	8.100	11.400	4.000	9.800	17.347%
09/21/15	7 day	10.400	11.400	4.000	9.800	-6.122%
09/28/15	14 day	9.700	11.400	4.000	9.800	1.020%
10/16/15	30 day	8.500	11.400	4.000	9.800	13.265%
11/14/15	60 day	10.300	11.400	4.000	9.800	-5.102%
12/14/15	90 day	17.700	11.400	4.000	9.800	-80.612%
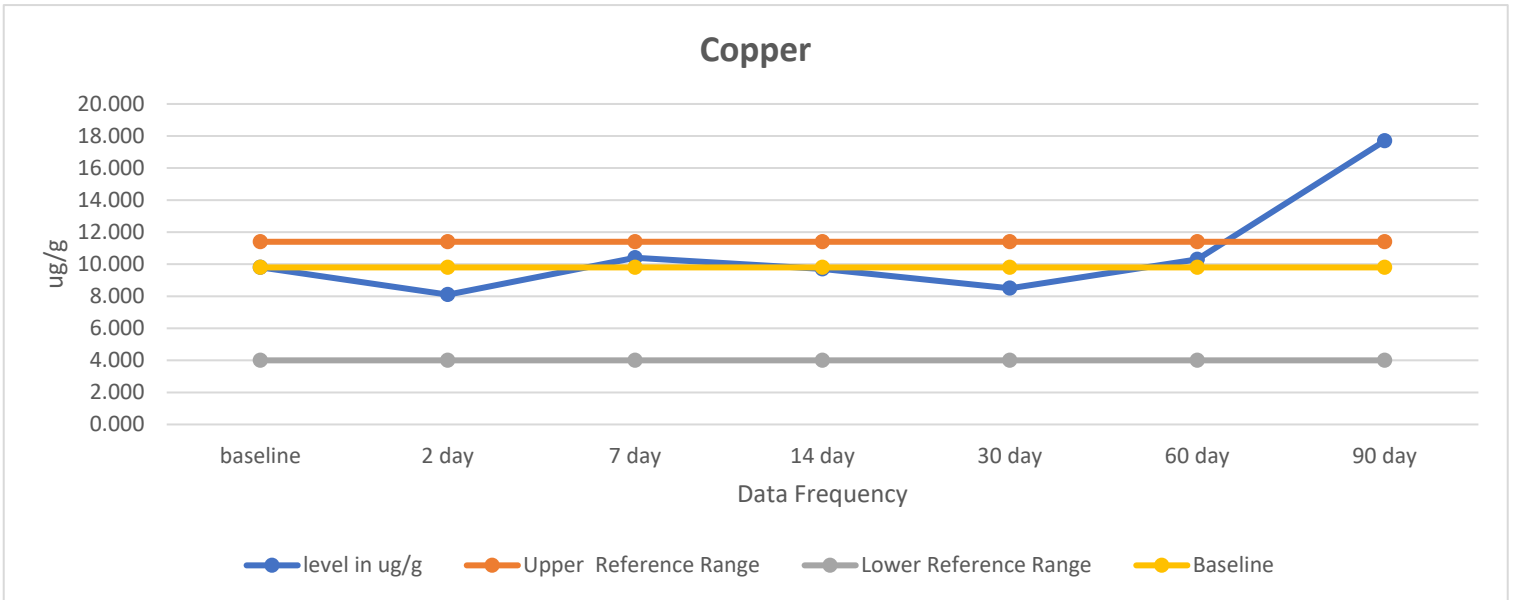
Iron

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	27	64	5	27.000	
09/16/15	2 day	0	64	5	27.000	
09/21/15	7 day	0	64	5	27.000	
09/28/15	14 day	36	64	5	27.000	-33.333%
10/16/15	30 day	13	64	5	27.000	51.852%
11/14/15	60 day	39	64	5	27.000	-44.444%
12/14/15	90 day	0	64	5	27.000	
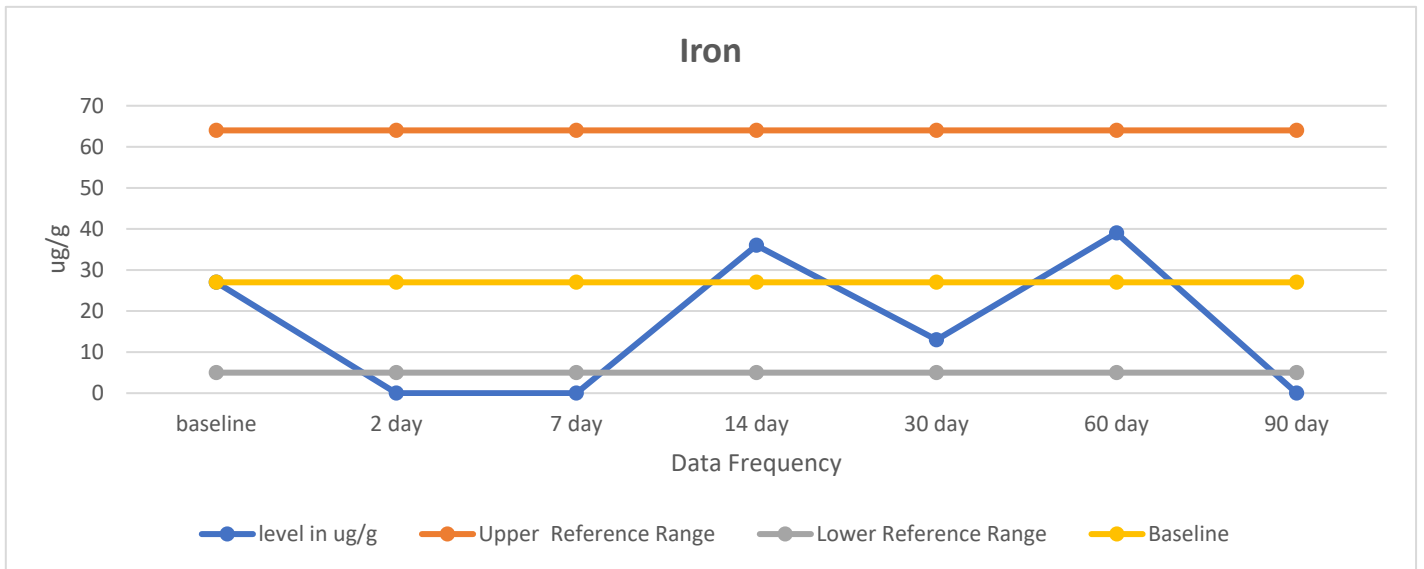
Manganese

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	0.760	1.160	0.030	0.760	
09/16/15	2 day	1.020	1.160	0.030	0.760	-34.211%
09/21/15	7 day	0.740	1.160	0.030	0.760	2.632%
09/28/15	14 day	0.950	1.160	0.030	0.760	-25.000%
10/16/15	30 day	1.430	1.160	0.030	0.760	-88.158%
11/14/15	60 day	1.060	1.160	0.030	0.760	-39.474%
12/14/15	90 day	2.000	1.160	0.030	0.760	-163.158%

Manganese
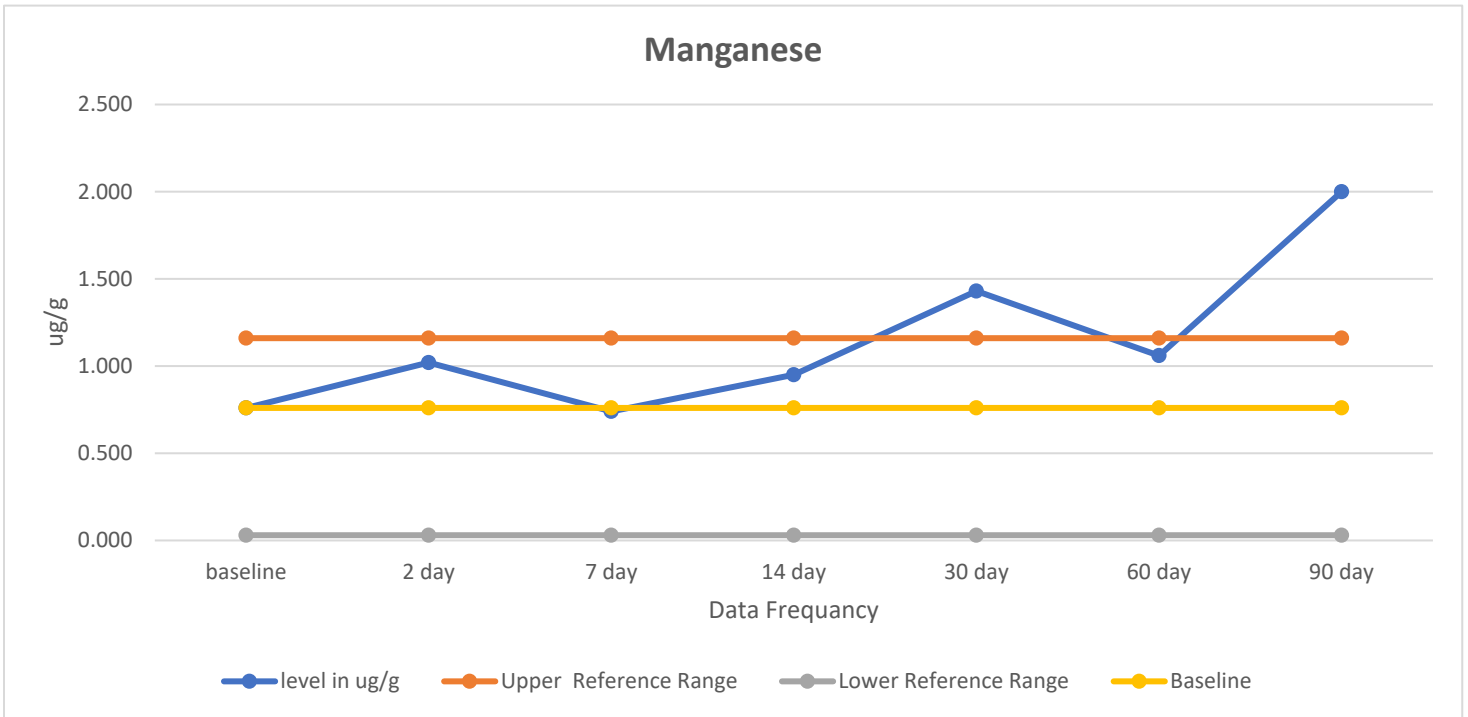
Molybdenum

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	104	175	15	104	
09/16/15	2 day	239	175	15	104	-129.808%
09/21/15	7 day	86	175	15	104	17.308%
09/28/15	14 day	135	175	15	104	-29.808%
10/16/15	30 day	86	175	15	104	17.308%
11/14/15	60 day	26	175	15	104	75.000%
12/14/15	90 day	55	175	15	104	47.115%

Molybdenum
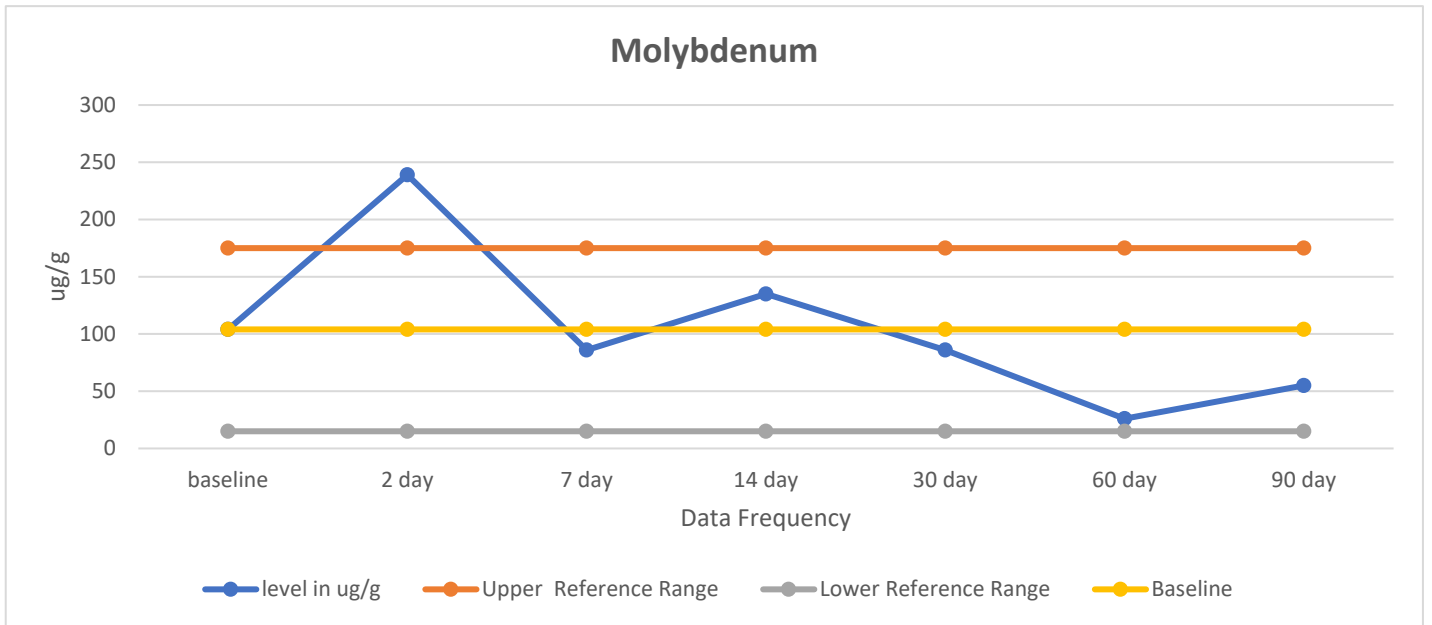
Vanadium

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	2.200	3.200	0.100	2.200	
09/16/15	2 day	4.200	3.200	0.100	2.200	-90.909%
09/21/15	7 day	3.700	3.200	0.100	2.200	-68.182%
09/28/15	14 day	1.900	3.200	0.100	2.200	13.636%
10/16/15	30 day	2.200	3.200	0.100	2.200	0.000%
11/14/15	60 day	4.000	3.200	0.100	2.200	-81.818%
12/14/15	90 day	4.200	3.200	0.100	2.200	-90.909%

Vanadium
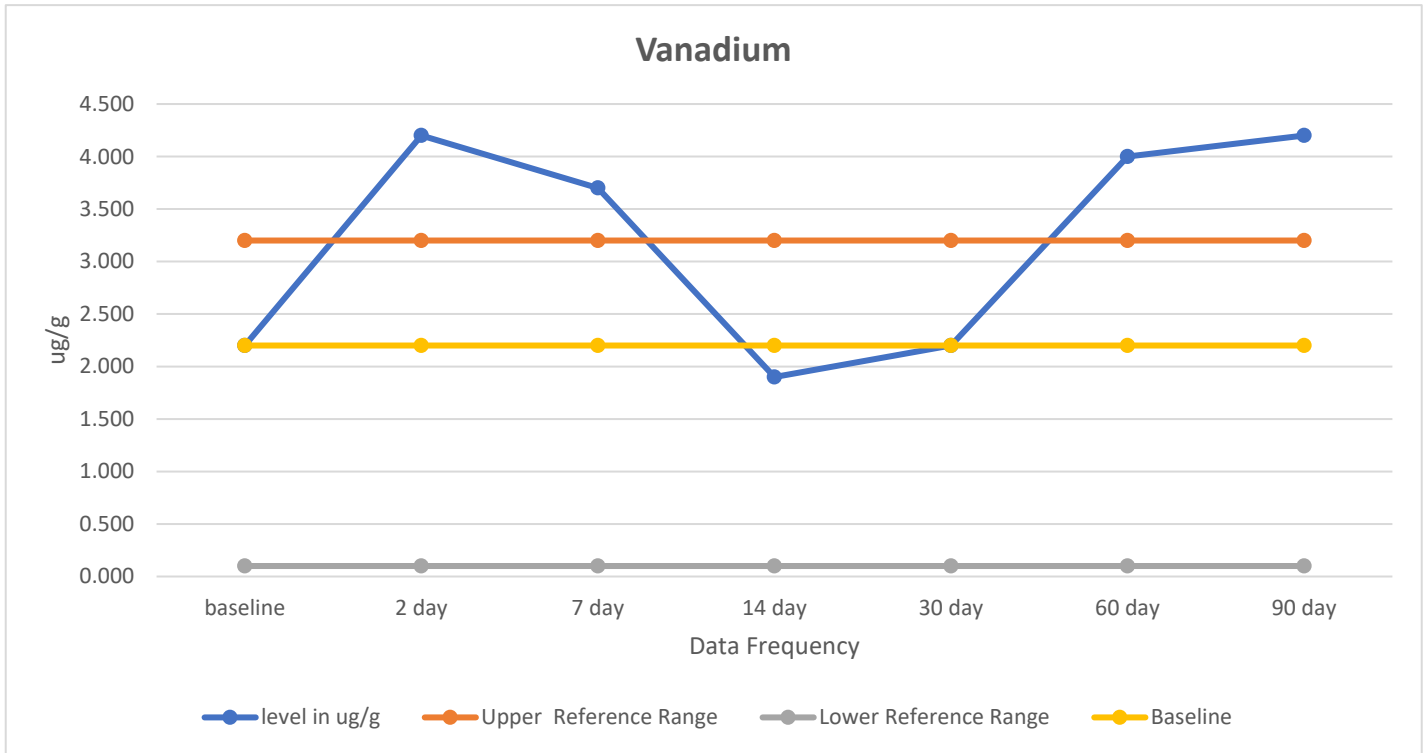
Zinc

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	652	688	63	652	
09/16/15	2 day	539	688	63	652	17.331%
09/21/15	7 day	359	688	63	652	44.939%
09/28/15	14 day	545	688	63	652	16.411%
10/16/15	30 day	726	688	63	652	-11.350%
11/14/15	60 day	1720	688	63	652	-163.804%
12/14/15	90 day	1862	688	63	652	-185.583%

Zinc
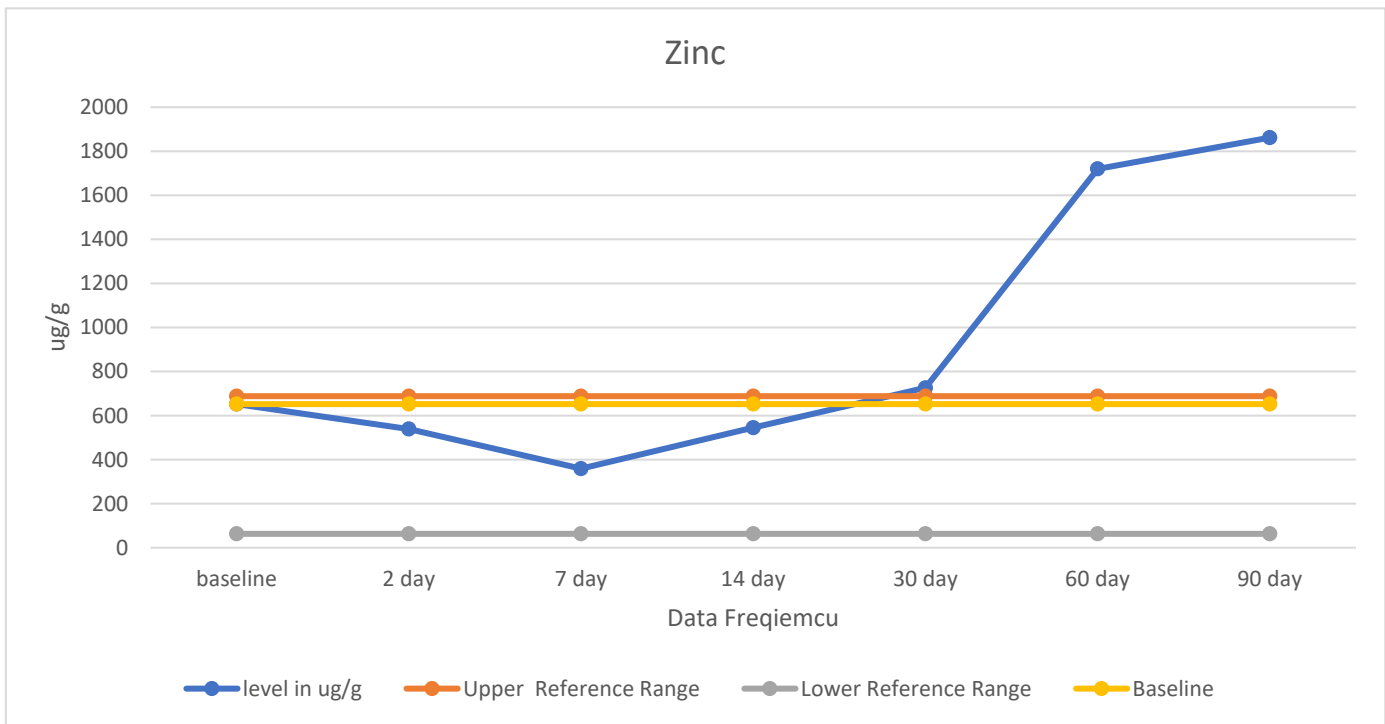
Calcium

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	183	313	97	183	
09/16/15	2 day	102	313	97	183	44.262%
09/21/15	7 day	88	313	97	183	51.913%
09/28/15	14 day	99	313	97	183	45.902%
10/16/15	30 day	164	313	97	183	10.383%
11/14/15	60 day	118	313	97	183	35.519%
12/14/15	90 day	143	313	97	183	21.858%
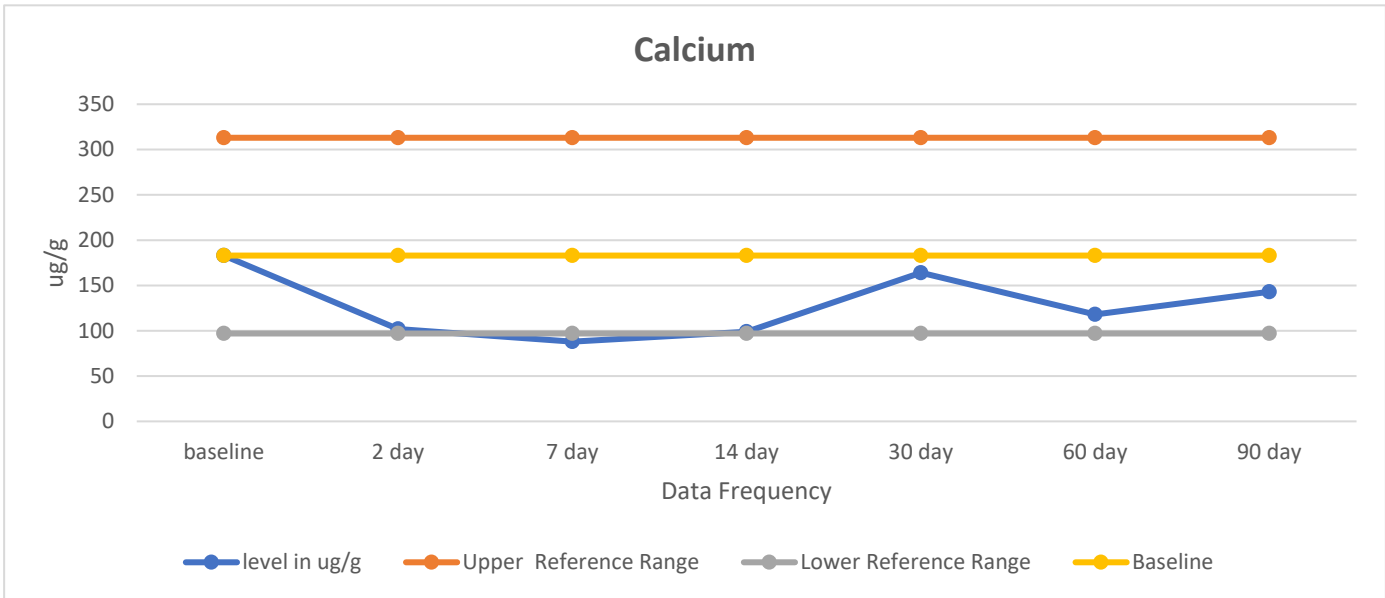
Magnesium

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	271	267	41	271	
09/16/15	2 day	218	267	41	271	19.557%
09/21/15	7 day	169	267	41	271	37.638%
09/28/15	14 day	187	267	41	271	30.996%
10/16/15	30 day	319	267	41	271	-17.712%
11/14/15	60 day	295	267	41	271	-8.856%
12/14/15	90 day	381	267	41	271	-40.590%

Magnesium
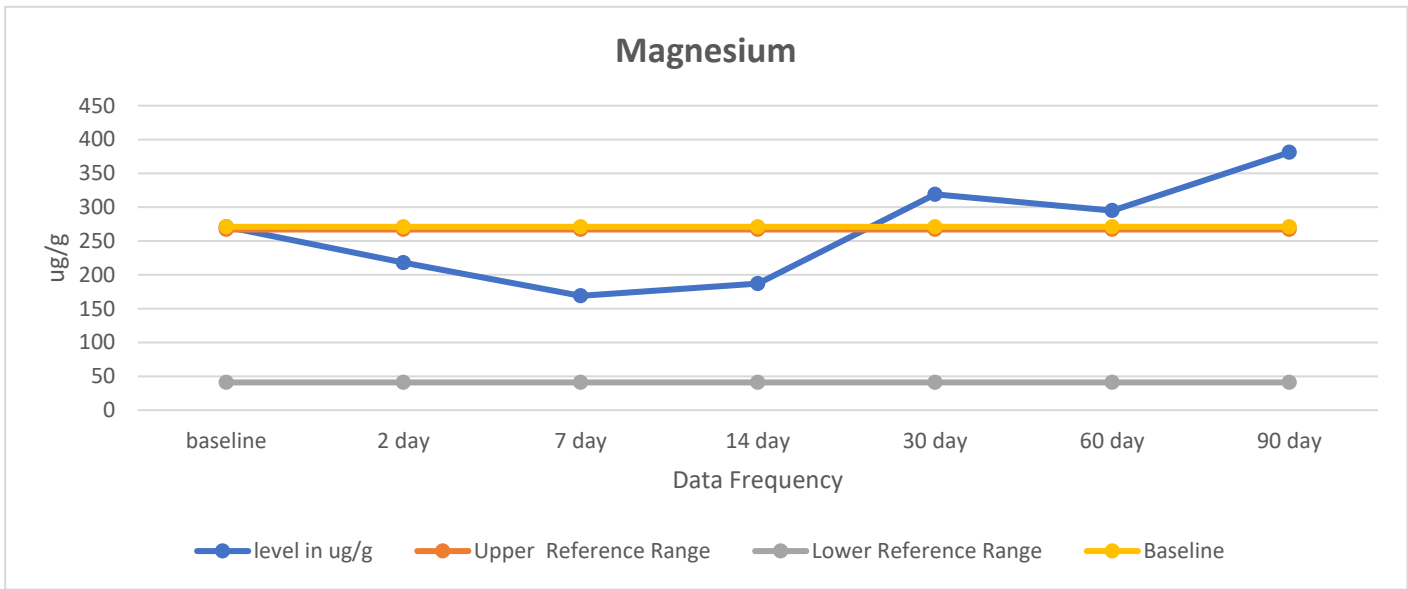
Potassium

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	5353	4653	759	5353	
09/16/15	2 day	3218	4653	759	5353	39.884%
09/21/15	7 day	4213	4653	759	5353	21.296%
09/28/15	14 day	4046	4653	759	5353	24.416%
10/16/15	30 day	4332	4653	759	5353	19.073%
11/14/15	60 day	5647	4653	759	5353	-5.492%
12/14/15	90 day	7151	4653	759	5353	-33.589%

Potassium
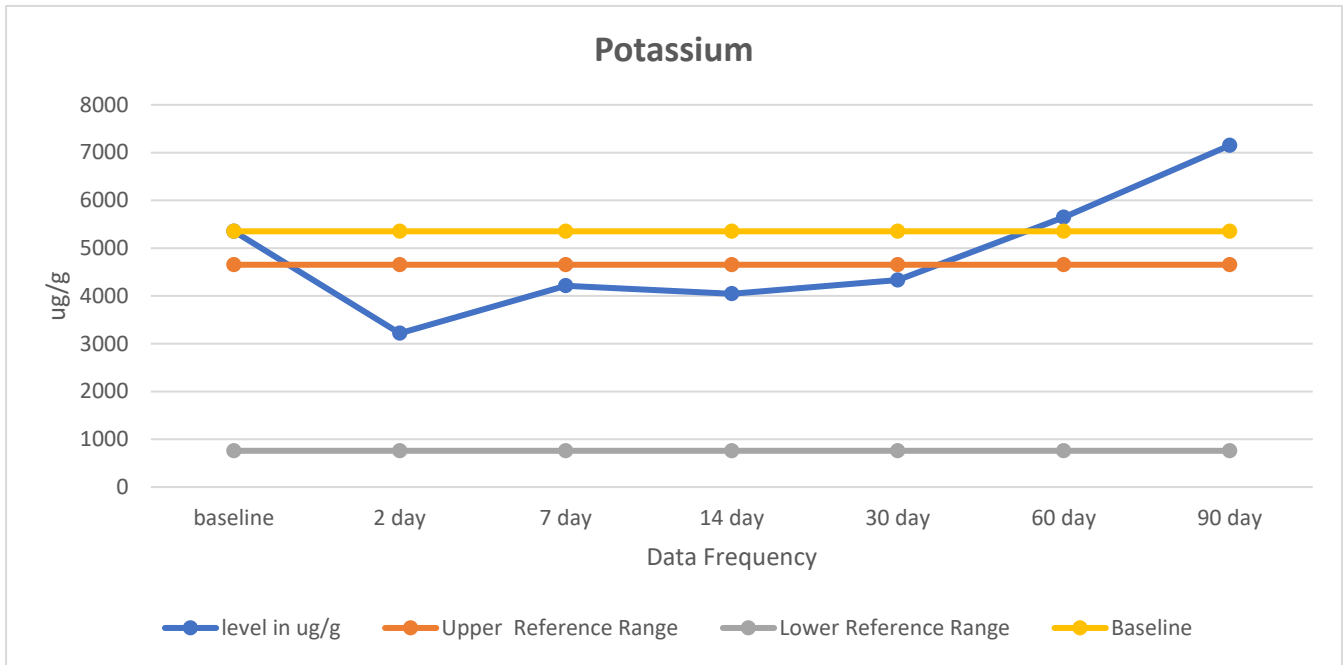
Sulfur

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	1,465.000	1328	367	1465	
09/16/15	2 day	800.000	1328	367	1465	45.392%
09/21/15	7 day	802	1328	367	1465	45.256%
09/28/15	14 day	1073	1328	367	1465	26.758%
10/16/15	30 day	1065	1328	367	1465	27.304%
11/14/15	60 day	1,058.000	1328	367	1465	27.782%
12/14/15	90 day	1,211.000	1328	367	1465	17.338%
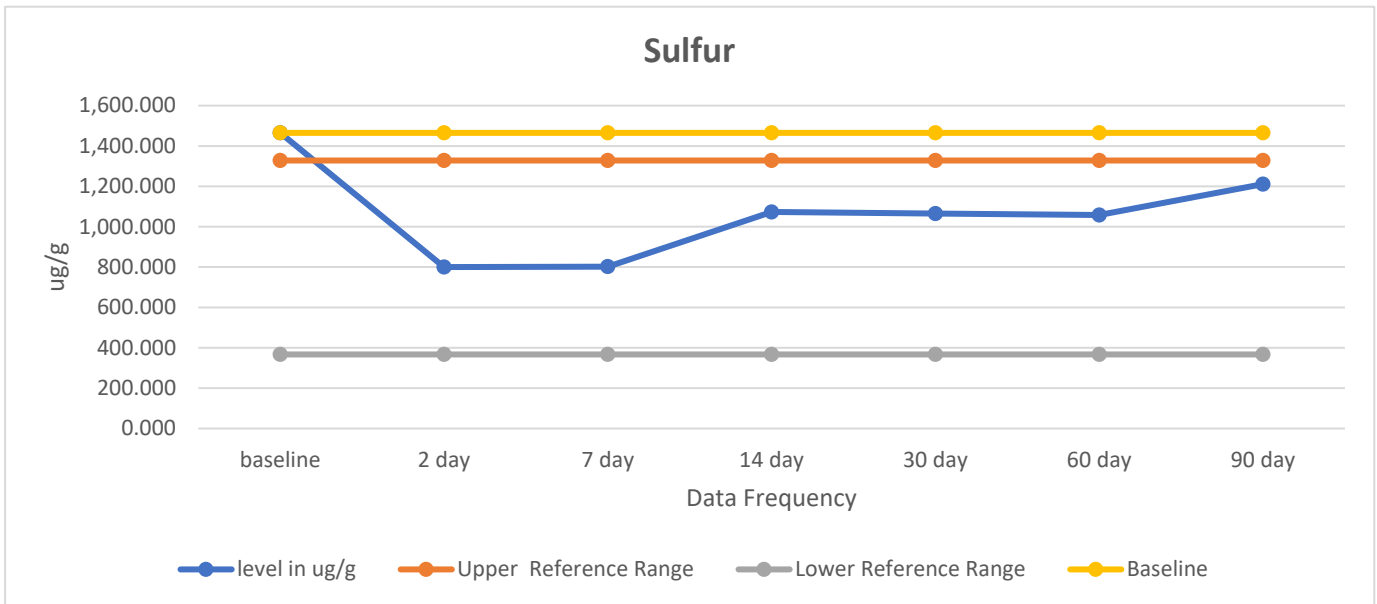
Urine Creatinine

Date	Data Frequency	level in ug/g	Upper Reference Range	Lower Reference Range	Baseline	Percent
09/14/15	baseline	60.020	205.000	23.000	60.020	
09/16/15	2 day	43.100	205.000	23.000	60.020	28.191%
09/21/15	7 day	48.020	205.000	23.000	60.020	19.993%
09/28/15	14 day	80.630	205.000	23.000	60.020	-34.339%
10/16/15	30 day	73.610	205.000	23.000	60.020	-22.642%
11/14/15	60 day	67.280	205.000	23.000	60.020	-12.096%
12/14/15	90 day	36.980	205.000	23.000	60.020	38.387%

Creatinine