Foot Spa Water Analysis Study

Platinum Energy Systems' diligent approach to ongoing scientific research and testing also included an analysis of the water from Foot Spa sessions. The purpose of the study was to compare the water content of 5 Foot Spa sessions. The study aimed to answer two important questions:

1. What are the contents of the water after a Foot Spa session when the array is run on its own (no client's feet)?
2. What are the contents of the water after a Foot Spa session when the array is run with the client's feet in the water?

The data on the following page identifies the test results from the different water samples and the various metals and minerals analyzed in the water. **Sample 1** is a session run with the array by itself, without the client's feet in the water. **Samples 2** to **5** are the water contents from 4 clients who had Foot Spa sessions. The original water source in all 5 samples was the same.

From our research to date, our hypothesis was that little, if any, chemical activity or detoxification would occur with the array run on its own. This study proved that the main chemical activity leading to detoxification and downloading of heavy metals occurred when the client's feet were in the Foot Spa. It is the interaction of the system, array and the client's feet that creates the process of detoxification.

Sample 1 is the control because it was the session run without feet in the water. Comparing **Sample 1** values to **Samples 2 to 5** proves that the array is not responsible for creating all of the content in the water. All samples showed that important minerals and vitamins were not purged. The high values of iron in **Samples 2 to 5** indicate the purge of toxic insoluble iron. (When present in the body, excess amounts of iron can inhibit proper functioning of the liver.)

All client samples analyzed showed significant levels of metals, such as arsenic, chromium, lead, manganese, and zinc being "downloaded" onto the water. (Note that mercury was not tested in these samples.)

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Results

	Sample 1 (Control)	Sample 2 (Client)	Sample 3 (Client)	Sample 4 (Client)	Sample 5 (Client)	Units
Aluminium	0.114	<0.065	<0.065	<0.065	<0.065	mg/L
Antimony	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L
Arsenic	<0.500	3.320	3.750	3.110	1.470	ug/L
Barium	>0.009	>0.009	>0.009	>0.009	>0.009	mg/L
Beryllium	<0.003	<0.003	<0.003	<0.003	<0.003	mg/L
Boron	0.226	0.358	0.408	0.392	0.155	mg/L
Calcium	5.040	4.950	4.580	5.380	0.250	mg/L
Chromium	<0.010	19.200	33.900	23.500	20.800	mg/L
Cobalt	<0.020	0.111	0.105	0.096	0.109	mg/L
Copper	0.955	0.597	0.413	0.481	0.238	mg/L
Gold	<0.040	<0.040	<0.04	<0.04	<0.04	mg/L
Iron	0.083	77.400	131.000	92.600	132.000	mg/L
Lanthanum	<0.020	<0.02	<0.02	<0.02	<0.02	mg/L
Lead	1.700	3.260	1.700	3.340	30.100	ug/L
Magnesium	1.090	1.220	1.340	1.460	1.240	mg/L
Manganese	0.022	0.931	1.510	1.110	1.240	mg/L
Mercury	<0.100	<0.100	<0.100	<0.100	<0.100	ug/L
Molybedenum	<0.020	0.150	0.199	0.209	0.244	mg/L
Nicklel	<0.050	6.910	12.500	8.080	11.700	mg/L
Phospherous	0.260	0.251	0.125	<0.065	0.284	mg/L
Potassium	0.840	0.470	1.130	0.900	1.900	mg/L
Scandium	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L
Selenium	<0.500	<0.500	<0.500	<0.500	<0.500	mg/L
Silicon	1.130	1.470	1.500	1.450	0.926	mg/L
Silver	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L
Sodium	1.430	46.500	113.000	65.600	278.000	mg/L
Strontium	0.017	0.014	0.017	0.014	0.002	mg/L
Titanium	<0.100	0.014	0.017	0.014	<0.010	mg/L
Tungsten	0.122	<0.050	<0.050	0.050	<o.050	mg/L
Vanadium	<0.010	0.014	0.980	0.039	<0.050	mg/L
Zinc	0.017	0.044	0.053	0.048	0.284	mg/L