

# APCA 7 - remove 7/2 - 7/6

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element	MeanConc	source_1	source_2	source_3	source_4	source_5	source_6	r_squared	PredConc	Pct_error	
aluminum	20.906	-	17.691	1.705	3.016	3.127	-	2.245	0.630	26.3653754	26.12
		0.248					1.171				
arsenic	0.657	0.382	0.042	-	0.031	0.037	0.039	0.011	0.332	0.5300722	-19.27
				0.011							
barium	6.227	1.635	1.063	-	0.625	-	2.504	-	0.557	4.6527054	-25.28
				0.590		0.428		0.155			
bromine	3.312	1.985	0.256	0.197	0.179	0.055	-	0.082	0.585	2.6783498	-19.13
							0.076				
cadmium	1.510	-	0.079	0.094	-	-	-	0.016	0.012	0.0277656	-98.16
		0.068			0.022	0.024	0.047				
calcium	56.074	7.734	11.067	2.305	1.700	-	-	30.357	0.941	49.5594287	-11.62
						3.447	0.157				
chromium	1.628	-	-	-	-	3.084	-	-	0.207	2.2195158	36.37
		0.354	0.098	0.025	0.158		0.012	0.217			
copper	4.483	1.153	0.386	0.299	0.705	1.848	0.009	0.614	0.698	5.0142972	11.85
iron	111.841	22.414	25.080	0.899	-	42.863	1.608	14.374	0.978	106.9373240	-4.38
				0.299							
lead	3.293	2.136	0.357	0.286	0.144	0.056	0.566	0.410	0.665	3.9561414	20.13
magnesium	7.682	-	0.445	-	3.080	-	-	0.395	0.248	2.1471612	-72.05
		0.146		0.417		1.117	0.093				
manganese	2.373	0.812	0.354	0.077	0.051	0.460	0.028	1.119	0.727	2.9024996	22.31
nickel	8.590	4.180	-	0.045	-	0.074	1.909	2.698	0.793	7.6117798	-11.39
			0.601		0.694						
nitrate	1811.742	1386.630	-	69.012	0.577	141.358	-	384.805	0.626	1836.0341781	1.34
			93.098				53.250				
pm25	11855.4536	495.964	827.400	-	754.999	383.222	-	614.214	0.785	9485.8031688	19.99
				315.968			274.028				
potassium	47.913	8.823	5.952	0.891	25.776	4.132	3.417	1.098	0.923	50.0889015	4.54
selenium	0.755	0.880	0.136	-	-	-	0.039	0.031	0.764	0.9207251	21.91
				0.072	0.003	0.091					
silicon	72.073	12.227	55.146	2.134	0.762	-	1.200	3.926	0.955	69.7242981	-3.26
						5.670					
sulfate	3008.629	2259.842	787.662	-	163.469	-	-	-	0.735	2405.4425973	20.05
				313.201		226.496	131.826	134.006			
titanium	3.445	0.601	1.837	-	0.115	0.198	0.452	0.370	0.723	3.4989832	1.58
				0.073							
vanadium	4.449	2.982	0.539	-	0.096	0.048	0.368	1.607	0.762	5.3440378	20.11
				0.296							

element	MeanConc	source_1	source_2	source_3	source_4	source_5	source_6	source_7	squared	PredConc	Pct_error
zinc	26.876	10.758	-	7.125	0.109	2.013	1.153	5.735	0.989	25.8156200	-3.94
			1.076								

element	source_1	source_2	source_3	source_4	source_5	source_6	source_7
aluminum	0.00	63.67	6.14	10.86	11.26	0.00	8.08
arsenic	70.67	7.69	0.00	5.65	6.81	7.14	2.04
barium	28.06	18.24	0.00	10.72	0.00	42.97	0.00
bromine	72.06	9.29	7.16	6.52	2.01	0.00	2.97
cadmium	0.00	41.74	49.98	0.00	0.00	0.00	8.28
calcium	14.55	20.82	4.34	3.20	0.00	0.00	57.10
chromium	0.00	0.00	0.00	0.00	100.00	0.00	0.00
copper	22.99	7.71	5.96	14.06	36.86	0.19	12.24
iron	20.90	23.39	0.84	0.00	39.97	1.50	13.40
lead	53.98	9.03	7.24	3.65	1.42	14.31	10.37
magnesium	0.00	11.36	0.00	78.58	0.00	0.00	10.07
manganese	27.99	12.20	2.66	1.77	15.86	0.98	38.54
nickel	46.93	0.00	0.51	0.00	0.83	21.44	30.29
nitrate	69.95	0.00	3.48	0.03	7.13	0.00	19.41
pm25	64.47	18.14	0.00	7.49	3.80	0.00	6.10
potassium	17.62	11.88	1.78	51.46	8.25	6.82	2.19
selenium	81.02	12.54	0.00	0.00	0.00	3.62	2.83
silicon	16.22	73.14	2.83	1.01	0.00	1.59	5.21
sulfate	70.38	24.53	0.00	5.09	0.00	0.00	0.00
titanium	16.82	51.42	0.00	3.21	5.54	12.64	10.37
vanadium	52.86	9.56	0.00	1.70	0.86	6.52	28.50
zinc	40.00	0.00	26.50	0.40	7.48	4.29	21.32

