

Supplementary Data

Correlation of Phosphorus Adsorption with Chemical Properties of Aluminum-Based Drinking Water Treatment Residuals Collected from Various Parts of the United States

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Table S1. Total metal(loid) concentrations of Al-WTRs

	As	Pb	Cd	Cr	Cu	Ni	Zn	Al	Fe
	(mg/kg)							(mg/g)	
NJ	19.9	17.4	0.43	22.1	59	15.7	101	158.49	14.07
MO	76.3	14	0.55	36.5	35.1	32.6	84.6	66.97	37.80
SD	4.67	2.99	0.06	0.42	5.60	4.81	19.7	3.60	27.17
NY	27.5	17.8	0.61	26	33.1	30.7	90.6	99.69	28.08
FL	7.65	3.49	0.05	BDL	2.0	BDL ¹	7.37	0.62	8.20
OK	3.37	4.52	0.19	9.66	7.91	9.22	25.6	11.55	145.04
NE	20.3	2.27	0.15	BDL	6.41	3.66	2.91	2.22	125.33
KY	17.3	5.65	0.24	14.1	75.8	16.6	86.8	112.30	12.92
ME	7.15	8.89	0.29	11.5	106	4.74	50.3	174.06	18.16
CA	111	3.73	0.16	31.2	39.5	17.4	68.8	203.32	8.02
NC	4.75	14.8	0.55	44.4	37.9	20.5	103	222.98	88.95
MA	28.5	7.45	1.99	125	94.5	29	82.5	193.04	30.96
CT	6.49	3.72	0.17	162	116	4.81	60.1	193.63	7.97

¹Below detection limit

Table S2. Synthetic Precipitation Leaching Procedure (SPLP) values of Al-WTRs (all units are mg/L)

[illegible]

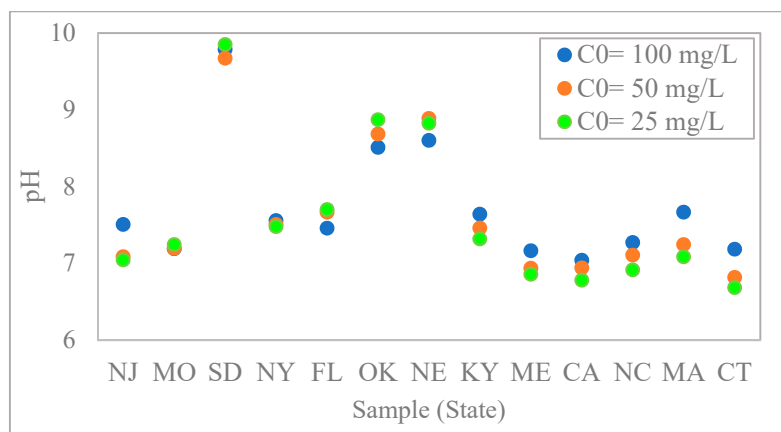


Figure S1. Final pH after adsorption experiment