

Summary of untreated well water sampling  
Vicinity of Pearce Creek Dredged Material Containment Area

Cecil County Health Department sampling- 2013 of untreated water

149 untreated wells tested

Type of Standard	Chemical Parameter	Number Exceeding Standards	Percent Exceeding Standards
Primary	Gross Alpha Particle Activity	48	32%
	Arsenic	6	4%
	Beryllium	19	13%
	Cadmium	20	13%
	Thallium	0	0%
Health Advisory Level	Sulfate	24	16%
	Nickel	23	15%
	Sodium	81	54%
	Zinc	10	7%
Secondary	Chloride	15	10%
	Aluminum	72	48%
	Iron	92	62%
	Manganese	120	81%
	pH	121	82%
	Total Dissolved Solids	41	30%