

Contaminated Groundwater Reported at 29 New Coal-Fired Plants: 04/04/2012

State	Site	Owner	Location	Count of Ponds/Landfills	Pollutants Exceeding MCL and/or State Issued Criteria
Arizona	Coronado Generating Station	SRP	St Johns	2	Chromium (primary), TDS, sulfates & chlorides (secondary). Background TDS & sulfates exceed secondary MCL
Colorado	Comanche Station	Xcel	Pueblo	5	Cadmium, selenium, chloride, sulfate
Colorado	Craig Station	Tri-State Generation	Craig	8	Arsenic, boron, chloride, manganese, nickel, selenium, sulfate, and total dissolved solids
Florida	JEA- St. Johns River Power Park	JEA	Jacksonville	4	Arsenic, aluminum, beryllium, chloride, sulfate
Indiana	Cayuga Station	Duke Energy	Cayuga	2	Sulfates, total dissolved solids
Iowa	Interstate Power and Light - Sutherland Generating Station		Marshalltown	5	Boron, iron, manganese, pH
Iowa	Riverside Generating Station	MidAmerican Energy	Bettendorf	2	Antimony, lead
Iowa	Walter Scott Jr. Energy Center	MidAmerican Energy	Council Bluffs	6	Arsenic, lead, selenium, thallium,
Kansas	Tecumseh Energy Center	Westar Energy	Tecumseh	4	Sulfate, TDS, iron
Michigan	JH Campbell Power Plant	Consumers Energy	West Olive	10	pH, antimony, boron, cadmium, chromium, iron, lead, selenium, vanadium, aluminum, nickel, thallium, manganese, zinc
Minnesota	Boswell Energy Center	Minnesota Power	Cohasset	7	Boron, sulfate
North Carolina	Buck Steam Station	Duke Energy	Salisbury	3	Boron, iron, manganese, pH
North Carolina	Cliffside Steam Station	Duke Energy	Cliffside	4	Chromium, iron, manganese, pH
North Carolina	Marshall Steam Station	Duke Energy	Terrell	5	Barium, boron, chloride, chromium, iron, lead, manganese, nickel, pH, TDS, selenium
North Dakota	Coyote Station	Otter Tail Power	Beulah	8	Arsenic, iron, manganese, sulfate, field pH & TDS were exceeded in both upgradient and downgradient wells over the last 5 years
New Mexico	Escalante Station	Tri-State Generation	Prewitt	12	Arsenic, boron, chloride, cobalt, manganese, selenium, sulfate and total dissolved solids
Pennsylvania	EME Homer City Generation L.P.	Midwest Generation	Homer City	19	Iron, lead, manganese, sulfate
Pennsylvania	New Castle Power Plant	GenOn Energy	West Pittsburg	4	Arsenic

South Carolina	Cope Power Station	South Carolina Energy and Gas	Cope	2	Arsenic, pH, iron, nitrates, TDS
South Carolina	Jefferies Generating Station	Santee Cooper	Moncks Corner	2	Arsenic, pH, uranium
Texas	Big Brown Steam Electric Station	Luminant	Fairfield	9	Cadmium, sulfate, TDS, manganese, chloride, boron
Texas	Pirkey Power Plant	AEP	Hallsville	5	Arsenic, chromium, lead
Texas	Sandow Steam Electric Station	Luminant	Rockdale	10	Boron
Virginia	Clover Power Station	Dominion	Clover	2	pH
West Virginia	Albright Power Station	Monongahela Power Co.	Albright	9	Thallium (state-issued standard), chromium, nickel
West Virginia	Kanawha River Plant	AEP	Glasgow	4	Selenium
West Virginia	Mount Storm Power Station	Dominion	Mt. Storm	4	Nickel, nitrogen nitrate and nitrogen
West Virginia	Mountaineer Plant	AEP	New Haven	3	Arsenic, barium
West Virginia	Philip Sporn Power Plant	AEP	Graham Station	3	Nickel

Source: U.S. Environmental Protection Agency, Response of Electric Generating Utilities to Information Collection Request, Part F, 2010. See http://water.epa.gov/scitech/wastetech/guide/steam_index.cfm.