

March 1, 2019

**List of Plants Where Coal-Ash Contaminated Groundwater Exceeds Allowable State and/or Federal Limits**

This table lists 88 plants in 25 states whose owners have posted notifications that the groundwater exceeds state and/or federal limits of contamination, without an alternate source demonstration, for one or more of the following toxic substances: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Lead, Lithium, Molybdenum, Selenium, Thallium, and Radium 226 and 228 combined.

In addition, if the unit is a coal ash pond, the table indicates whether the ash pond is lined and whether the pond violates the federal aquifer separation standard, which requires five feet of separation from the base of the pond to the underlying groundwater. Owners/operators may attempt to show that an alternative source is responsible for the contamination.

Assessments of Corrective Measures must be *initiated* within 90 days of contamination notifications and must be *completed* within 90 to 150 days of initiation, and publicly posted 30 days after completion. Cleanup plans (“Assessment of Corrective Measures”) are required at all plants if the owners do not demonstrate that a source other than the regulated coal ash dumps caused the contamination.

	Name of Plant	Owner/ Operator	City	State	Contamination Found Above Federal and/or State Groundwater Limits	Presence or Absence of Liner	Aquifer Separation Standard Compliance	Alternate Source Determination	Corrective Measures Assessment Report
1	<a href="#">Healy Power Plant</a>	Golden Valley Electric Association	Healy	AK	Antimony, arsenic, lithium, molybdenum, and selenium	Unlined	Non- compliance		Initiation 6/18/2018  * <a href="#">Report</a> dated 8/18
2	<a href="#">E.C. Gaston Steam Plant</a>	Alabama Power	Wilsonville	AL	Arsenic, lithium, molybdenum, radium 226 and radium 228	Unlined / Lined	Non- compliance		
3	<a href="#">James H. Miller, Jr., Electric Generating Plant</a>	Alabama Power	Quinton	AL	Arsenic, cobalt, lithium	Unlined	Non- compliance		

4	<a href="#">James M. Barry Electric Generating Plant</a>	Alabama Power	Bucks	AL	Arsenic, cobalt	Unlined	Non-compliance		
5	<a href="#">Plant Greene County</a>	Alabama Power	Demopolis	AL	Arsenic, lithium	Unlined	Non-compliance		
6	<a href="#">William C. Gorgas Electric Generating Plant</a>	Alabama Power	Parrish	AL	Arsenic, lithium, molybdenum	Unlined	Non-compliance		
7	<a href="#">Cholla Power Plant</a>	Arizona Public Service Electric Company	Joseph City	AZ	Arsenic, cobalt, fluoride, lithium, molybdenum	Unlined	Non-compliance		
8	<a href="#">Rawhide Energy Station</a>	Platte River Power Authority	Wellington	CO	Selenium, cobalt	Unlined	Non-compliance for impoundments		
9	<a href="#">Valmont Station</a>	Xcel Energy	Boulder	CO	Cobalt, molybdenum, lithium, selenium	Unknown	N/A (landfill)		Initiation 1/31/2019
10	<a href="#">C.D. McIntosh Power Plant</a>	Lakeland Electric	Lakeland	FL	Radium 226 and radium 228, arsenic, lithium	Unknown	N/A (landfill)		Initiation 2/12/2019
11	<a href="#">Crystal River Energy Complex</a>	Duke Energy	Crystal River	FL	Arsenic, lithium, molybdenum, radium 226 and radium 228	Unknown	N/A (landfill)		Initiation 1/14/2019
12	<a href="#">Deerhaven Generating Station</a>	Gainesville Regional Utilities	Gainesville	FL	Lithium, molybdenum	Unknown	N/A (landfill)		

13	<a href="#">Plant Crist</a>	Gulf Power	Pensacola	FL	Cobalt, radium 226 and radium 228, <i>molybdenum, mercury</i>	N/A / Lined	Non-compliance	Yes, partial	Initiation 1/2019
14	<a href="#">Plant Smith</a>	Gulf Power	Southport	FL	Arsenic, lithium, <i>radium 226 and radium 228</i>	Unlined	Non-compliance	Yes, partial	Initiation 1/2019
15	<a href="#">St. John's River Power Park</a>	Jacksonville Electric Authority	Jacksonville	FL	Radium 226 and radium 228	Unknown	N/A (landfill)		Initiation 1/13/2019
16	<a href="#">Plant Bowen</a>	Georgia Power Company	Cartersville	GA	Cobalt, (molybdenum)	Unlined	Non-compliance		
17	<a href="#">Plant Hammond</a>	Georgia Power Company	Rome	GA	Arsenic, cobalt, molybdenum	Unlined	Non-compliance		
18	<a href="#">Plant McIntosh</a>	Georgia Power Company	Rincon	GA	Cobalt, (lithium)	Unlined	Non-compliance		
19	<a href="#">Plant Scherer</a>	Georgia Power Company	Juliette	GA	Cobalt	Unlined	Non-compliance		
20	<a href="#">Plant Wansley</a>	Georgia Power Company	Roopville	GA	Lithium	Unlined	Non-compliance		
21	<a href="#">Plant Yates</a>	Georgia Power Company	Newman	GA	Beryllium	Unknown	N/A (landfill)		
22	<a href="#">Neal South Energy Center</a>	MidAmerican Energy Co.	Salix	IA	Arsenic	Unknown	N/A (landfill)		Initiation 1/28/2019
23	<a href="#">Dallman Power Generating Station (and Lakeside Station)</a>	City Water, Light and Power	Springfield	IL	Arsenic	Unlined	Non-compliance		

24	<a href="#">Joliet #9 Generating Station (Lincoln Stone Quarry)</a>	NRG	Joliet	IL	Arsenic, lithium, molybdenum	Unlined	Non-compliance		
25	<a href="#">Powerton Generating Station</a>	NRG	Pekin	IL	Arsenic, barium, selenium, thallium, molybdenum	Unlined	Compliance		
26	<a href="#">Bailey Generating Station</a>	Northern Indiana Public Service Company	Wheatfield	IN	Arsenic, cadmium lithium, thallium	Unlined	Non-compliance		Initiation 12/6/2018
27	<a href="#">Cayuga Generating Station</a>	Duke Energy	Cayuga	IN	Arsenic, cadmium, chromium, cobalt, lead, lithium, selenium, thallium, radium 226 and radium 228, molybdenum	Unlined	Non-compliance		Initiation 1/14/2019
28	<a href="#">Gallagher Generating Station</a>	Duke Energy	New Albany	IN	Arsenic, molybdenum	Unlined	Non-compliance		Initiation 1/14/2019
29	<a href="#">Gibson Generating Station</a>	Duke Energy	Owensville	IN	Arsenic, cobalt, lithium, molybdenum	Unlined	Non-compliance		Initiation 1/14/2019
30	<a href="#">R.M. Schahfer Generating Station</a>	Northern Indiana Public Service Company	Wheatfield	IN	Cobalt, lithium, molybdenum	Unlined	Non-compliance		Initiation (partial) 11/21/2018
31	<a href="#">Wabash River Generating Station</a>	Duke Energy	Terre Haute	IN	Chromium, radium 226 and radium 228, arsenic, cobalt, lead, lithium, molybdenum	Unlined	Non-compliance		

	<a href="#">Big Sandy Plant</a>	Big Sandy Plant	Louisa	KY	Beryllium, cobalt, lithium	Unlined	Non-compliance	Yes	N/A
32	<a href="#">D.B. Wilson Generating Station</a>	Big Rivers Electric Corporation	Centertown	KY	Cobalt	Unlined	Non-compliance		Initiation 1/14/2019
33	<a href="#">E.W. Brown Generating Station</a>	Kentucky Utilities Company	Harrodsburg	KY	Lithium, molybdenum	Unlined	Compliance		Initiation 2/26/2019
34	<a href="#">East Bend Electric Plant</a>	Duke Energy	Union	KY	Lithium	Unknown	N/A (landfill)		Initiation 1/14/2019
35	<a href="#">Elmer Smith Station</a>	Owensboro Municipal Utilities	Owensboro	KY	Molybdenum	Unlined	Compliance		
36	<a href="#">Ghent Generating Station</a>	Kentucky Utilities Company	Ghent	KY	Lithium, molybdenum	Unlined	Non-compliance		Initiation 2/26/2019
37	<a href="#">Mill Creek Generating Station</a>	Louisville Gas & Electric Company	Louisville	KY	Molybdenum, lithium	Unlined	Non-compliance		Initiation 2/26/2019
38	<a href="#">Sebree Generating Station</a>	Big Rivers Electric Corporation	Robards	KY	Lithium	Unlined	Non-compliance		Initiation 1/14/2019
39	<a href="#">Trimble County Generating Station</a>	Louisville Gas & Electric Company	Bedford	KY	Arsenic, lithium, molybdenum, selenium	Unlined / Lined	Non-compliance		Initiation 2/26/2019
40	<a href="#">BC Cobb Power Plant</a>	Consumers Energy Co.	Muskegon	MI	Lithium, (others)	Unlined	Non-compliance		

41	<a href="#">DE Karn Power Plant</a>	Consumers Energy Co.	Essexville	MI	Arsenic, (others)	Unlined	Non-compliance		
42	<a href="#">JB Sims Power Generation Plant</a>	Consumers Energy Co.	Grand Haven	MI	Cobalt, fluoride, lithium	Unlined	Non-compliance		
43	<a href="#">JC Weadock Power Plant</a>	Consumers Energy Co.	Essexville	MI	Arsenic, beryllium, lithium, (others)	Unlined	Non-compliance		
44	<a href="#">JH Campbell Power Plant</a>	Consumers Energy Co.	West Olive	MI	Arsenic, (others)	Unlined	Non-compliance		
45	<a href="#">River Rouge Power Plant</a>	DTE Electric Co.	River Rouge	MI	Arsenic, lithium	Unlined	Non-compliance		
	<a href="#">John Twitty Energy Center</a>	City Utilities of Springfield	Springfield	MO	Antimony	Unknown	N/A (landfill)	Yes	N/A
46	<a href="#">Labadie Energy Center</a>	Ameren	Labadie	MO	Molybdenum	Unlined	Non-compliance		
47	<a href="#">Meramec Energy Center</a>	Ameren	St. Louis	MO	Arsenic, molybdenum	Unlined	Non-compliance		
48	<a href="#">Rush Island Energy Center</a>	Ameren	Festus	MO	Arsenic, molybdenum	Unlined	Non-compliance		
49	<a href="#">Sioux Energy Center</a>	Ameren	West Alton	MO	Molybdenum	Unlined	Non-compliance		
50	<a href="#">Red Hills Power Plant</a>	Choctaw Generation Limited Partnership, LLLP	Ackerman	MS	Cobalt, lithium	Unknown	N/A (landfill)		Initiation 1/30/2019
51	<a href="#">Plant Victor Daniel</a>	Mississippi Power	Escatawpa	MS	Lithium	Unlined	Non-compliance		

52	<a href="#">Colstrip Steam Electric Station</a>	Talen Energy	Colstrip	MT	Cobalt, lithium, molybdenum	Unlined	Non-compliance		
53	<a href="#">Allen Steam Station</a>	Duke Energy	Belmont	NC	Arsenic, beryllium, cadmium, cobalt, lithium, thallium	Unlined	Non-compliance		Initiation 1/14/2019
54	<a href="#">Asheville Steam Electric Plant</a>	Duke Energy	Arden	NC	Cobalt, radium 226 and radium 228	Unlined	Non-compliance		Initiation 1/14/2019
55	<a href="#">Belews Creek Steam Station</a>	Duke Energy	Belews Creek	NC	Arsenic, beryllium, cobalt, lithium, radium 226 and radium 228, chromium	Unlined	Non-compliance		Initiation 1/14/2019
56	<a href="#">Buck Steam Station</a>	Duke Energy	Salisbury	NC	Cobalt, lithium	Unlined	Non-compliance		Initiation 1/14/2019
57	<a href="#">Cliffside Steam Station</a>	Duke Energy	Cliffside	NC	Arsenic, cobalt, lithium, beryllium, radium 226 and radium 228	Unlined	Non-compliance		Initiation 1/14/2019
58	<a href="#">Dan River</a>	Duke Energy	Eden	NC	Arsenic, lithium	Unlined	Non-compliance		Initiation 1/14/2019
59	<a href="#">H.F. Lee Energy Complex</a>	Duke Energy	Goldsboro	NC	Arsenic, cobalt, lithium	Unlined	Non-compliance		Initiation 1/14/2019
60	<a href="#">L.V. Sutton Energy Complex</a>	Duke Energy	Wilmington	NC	Arsenic, cobalt, lithium, molybdenum	Unlined	Non-compliance		Initiation 1/14/2019
61	<a href="#">Marshall Steam Station</a>	Duke Energy	Terrell	NC	Arsenic, beryllium, cobalt, lithium, thallium, radium 226 and radium 228	Unlined	Non-compliance		Initiation 1/14/2019
62	<a href="#">Roxboro Steam Electric Plant</a>	Duke Energy	Semora	NC	Arsenic cobalt, lithium, molybdenum, selenium	Unlined	Non-compliance		Initiation 1/14/2019

63	<a href="#">W.H. Weatherspoon Power Plant</a>	Duke Energy	Robeson County	NC	Arsenic, radium 226 and radium 228	Unlined	Non-compliance		Initiation 1/14/2019
64	<a href="#">Four Corners Power Plant</a>	Arizona Public Service Co.	Fruitland	NM	Cobalt, fluoride, molybdenum	Unlined	Non-compliance		
65	<a href="#">Conesville Plant</a>	American Electric Power	Coshocton	OH	Arsenic, lithium, molybdenum	Unlined	Non-compliance		
66	<a href="#">Northeastern 3&amp;4 Power Station</a>	American Electric Power	Oologah	OK	Lithium	Unlined	Non-compliance		
67	<a href="#">Bruce Mansfield Plant (Little Blue Run Disposal Facility)</a>	FirstEnergy	Shippingport	PA	Two contaminants (unnamed)	Unlined	Non-compliance		Initiation 1/14/2019
68	<a href="#">Brunner Island</a>	Talen Energy	York Haven	PA	Arsenic, lithium, molybdenum	Unlined	Non-compliance		
69	<a href="#">Montour</a>	Talen Energy	Washingtonville	PA	Cobalt, lithium	Unlined	Non-compliance		
70	<a href="#">Cross Generating Station</a>	Santee Cooper	Cross	SC	Cobalt	Unknown	N/A (landfill)		
71	<a href="#">H.B. Robinson Steam Electric Plant</a>	Duke Energy	Hartsville	SC	Arsenic, lithium, radium 226 and radium 228	Unlined	Non-compliance		Initiation 1/14/2019
72	<a href="#">W.S. Lee Steam Station</a>	Duke Energy	Williamston	SC	Antimony, beryllium, cobalt, lithium	Unlined	Non-compliance		Initiation 1/14/2019
73	<a href="#">Wateree Generating Station</a>	South Carolina Electric & Gas	Eastover	SC	Arsenic, lithium	Unlined	Non-Compliance		
74	<a href="#">H.W. Pirkey Power Plant</a>	American Electric Power	Hallsville	TX	Cadmium, cobalt, lithium, <i>mercury</i>	Unlined	Compliance	Yes, partial	



	<a href="#">J. Robert Welsh Power Plant</a>	American Electric Power	Pittsburg	TX	Lithium	Unlined	Compliance	Yes	N/A
75	<a href="#">Hunter Power Plant</a>	PacifiCorp	Castle Dale	UT	Cobalt, lithium, molybdenum	Unknown	N/A (landfill)		
76	<a href="#">Huntington Power Plant</a>	PacifiCorp	Huntington	UT	Chromium, Cobalt, lithium, molybdenum, selenium	Unknown	N/A (landfill)		
77	<a href="#">Intermountain Generating Facility</a>	Intermountain Power Service Corp	Delta	UT	Arsenic, chromium, cobalt, lithium, molybdenum	Unlined	Non-compliance		Initiation 10/15/2018 * <a href="#">Report</a> 1/9/2019
78	<a href="#">Breomo Power Station</a>	Dominion Energy	Breomo Bluff	VA	Lithium	Unlined	Non-compliance		Initiation 12/5/2018
79	<a href="#">Chesterfield Power Station</a>	Dominion Energy	Chester	VA	Arsenic, cobalt, lithium, radium 226 and radium 228, (molybdenum), (lead)	Unlined	Non-compliance		Initiation (partial) 12/18/2018
80	<a href="#">Clover Power Station</a>	Dominion Energy	Clover	VA	(Cobalt)	Unlined	Compliance		
81	<a href="#">Possum Point Power Station</a>	Dominion Energy	Dumfries	VA	(Cobalt), (lithium)	Unlined	Non-compliance		
82	<a href="#">Virginia City Hybrid Energy Center</a>	Dominion Energy	St. Paul	VA	Lithium	Unknown	N/A (landfill)		
83	<a href="#">Yorktown Power Station</a>	Dominion Energy	Yorktown	VA	(Cobalt)	Unknown	N/A (landfill)		
84	<a href="#">Mount Storm Power Station</a>	Dominion Energy	Mount Storm	WV	Fluoride, molybdenum	Unlined	Compliance		

85	<a href="#">Mountaineer Plant</a>	American Electric Power	Letart	WV	Lithium	Unlined	Compliance		
86	<a href="#">Dave Johnston Power Plant</a>	PacifiCorp	Glen Rock	WY	Arsenic, cadmium, molybdenum, radium 226 and radium 228	Unlined	Compliance		
87	<a href="#">Jim Bridger Power Plant</a>	PacifiCorp	Point of Rocks	WY	Arsenic, cadmium, cobalt, fluoride, lead, lithium, molybdenum, radium 226 and radium 228, selenium	Unlined	N/A		
88	<a href="#">Naughton Power Plant</a>	PacifiCorp	Kemmerer	WY	Cobalt, lithium, molybdenum, radium 226 and radium 228, selenium	Unlined	N/A & Compliance		