

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

This table lists 67 plants whose owners have posted notifications that the groundwater exceeds state and/or federal limits of contamination for one or more of the following toxic substances: Arsenic, 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. Cleanup assessments are required within 60 days at all sites, but owners/operators may attempt to show that an alternative source is responsible for the contamination.

Name of Plant	Owner/Operator	City	State	Cleanup Required Due to Groundwater Contamination Above Limits	Contamination Found Above Federal and/or State Groundwater Limits	Presence or Absence of Liner	Aquifer Separation Standard Compliance
Healy Power Plant	Golden Valley Electric Association	Healy	AK	Yes	Antimony, arsenic, lithium, molybdenum, and selenium	Unlined	No location information
Barry	Alabama Power	Bucks	AL	Yes	Arsenic, cobalt	Unlined	Non-compliance
E.C. Gaston	Alabama Power	Wilsonville	AL	Yes	Arsenic, cobalt, lithium	Unlined	Non-compliance
Gorgas	Alabama Power	Parrish	AL	Yes	Arsenic, lithium, molybdenum	Unlined	Non-compliance
Green County	Alabama Power	Demopolis	AL	Yes	Arsenic, lithium	Unlined	Non-compliance
James H. Miller	Alabama Power	Quinton	AL	Yes	Arsenic, cobalt, lithium	Unlined	Non-compliance

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Cholla Power Plant	APS	Joseph City	AZ	Yes	Arsenic, Cobalt, Fluoride, Lithium, Molybdenum	Unlined	Non-compliance
Crystal River	Duke Energy	Crystal River	FL	Yes	Arsenic, lithium, molybdenum, radium 226 and radium 228	Unknown	N/A (landfill)
Crist	Gulf Power	Pensacola	FL	Yes	Cobalt, mercury, molybdenum, radium 226 and radium 228	Unlined	Non-compliance
St. John's River Power Park	Jacksonville Electric Authority	Jacksonville	FL	Yes	Radium 226 and radium 228	Unknown	N/A (landfill)
C.D. McIntosh	Lakeland Electric	Lakeland	FL	Yes	Radium 226 and radium 228	Unknown	N/A (landfill)
Lansing Smith	Gulf Power	Southport	FL	Yes	Arsenic, lithium, radium 226 and radium 228	Unlined	Non-compliance
Bowen	GA Power	Cartersville	GA	Yes	Cobalt, molybdenum	Unlined	Non-compliance
Hammond	GA Power	Rome	GA	Yes	Arsenic, cobalt, molybdenum	Unlined	Non-compliance

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McIntosh	GA Power	Rincon	GA	Yes	Cobalt, lithium	Unlined	Non-compliance
Scherer	GA Power	Juliette	GA	Yes	Cobalt	Unlined	Non-compliance
Wansley	GA Power	Roopville	GA	Yes	Lithium	Unlined	Non-compliance
Yates	GA Power	Newman	GA	Yes	Beryllium	Unknown	N/A (landfill)
George Neal South	Berkshire Hathaway Energy	Salix	IA	Yes	Arsenic	Unknown	N/A (landfill)
Lincoln Stone Quarry	NRG	Joliet	IL	Yes	Arsenic, lithium, molybdenum	Unlined	Non-compliance
Cayuga	Duke Energy	Cayuga	IN	Yes	Arsenic, cadmium, chromium, cobalt, lead, lithium, selenium, thallium, radium 226 and radium 228	Unlined	Non-compliance
Gibson	Duke Energy	Owensville	IN	Yes	Arsenic, cobalt, lithium, molybdenum	Unlined	Non-compliance
Gallagher	Duke Energy	New Albany	IN	Yes	Arsenic, molybdenum	Unlined	Non-compliance

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Jeffrey Energy Center	Westar Energy	St. Mary's	KS	Yes	Not specified.	Unknown	N/A (landfill)
East Bend	Duke Energy	Union	KY	Yes	Lithium	Unknown	N/A (landfill)
EW Brown	Kentucky Utilities	Harrodsburg	KY	Yes	Lithium, molybdenum	Unlined	Non-compliance
Ghent	Kentucky Utilities	Ghent	KY	Yes	Lithium, molybdenum	Unlined	Non-compliance
Trimble County	LG&E	Bedford	KY	Yes	Arsenic, lithium, molybdenum, selenium	Unlined	Non-compliance
Mill Creek	LG&E	Louisville	KY	Yes	Molybdenum	Unlined	Non-compliance
D.B. Wilson Station	Big Rivers Electric Corp.	Centertown	KY	Yes	Cobalt	Unlined	Non-compliance
Sebree Station	Big Rivers Electric Corp.	Robards	KY	Yes	Lithium	Unlined	Non-compliance
J.B. Sims Plant	Grand Haven Board of Light and Power	Grand Haven	MI	Yes	Cobalt, fluoride, lithium	Unlined	Non-compliance
Labadie	Ameren	Labadie	MO	Yes	Molybdenum	Unlined	Non-compliance

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Meramec	Ameren	St. Louis	MO	Yes	Arsenic, molybdenum	Unlined	Non-compliance
Rush Island	Ameren	Festus	MO	Yes	Arsenic, molybdenum	Unlined	Non-compliance
Sioux	Ameren	West Alton	MO	Yes	Molybdenum	Unlined	Non-compliance
John Twitty Energy Center	City Utilities of Springfield	Springfield	MO	Yes	Antimony	Unknown	N/A (landfill)
Victor J. Daniel	MS Power	Escatawpa	MS	Yes	[unavailable]	Unlined	Non-compliance
Colstrip	Talen Energy	Colstrip	MT	Yes	Cobalt, lithium, radium 226 and radium 228	Unlined	Non-compliance
Asheville	Duke Energy	Arden	NC	Yes	Cobalt, radium 226 and radium 228	Unlined	Non-compliance
Four Corners Power Plant	APS	Fruitland	NM	Yes	Cobalt fluoride, molybdenum	Unlined	Non-compliance
Belews Creek	Duke Energy	Belews Creek	NC	Yes	Arsenic, beryllium, cobalt, lithium, radium 226 and radium 228	Unlined	Non-compliance

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Buck	Duke Energy	Salisbury	NC	Yes	Cobalt, lithium	Unlined	Non-compliance
Cliffside	Duke Energy	Cliffside	NC	Yes	Arsenic, cobalt, lithium	Unlined	Non-compliance
Dan River	Duke Energy	Eden	NC	Yes	Arsenic, lithium	Unlined	Non-compliance
H.F. Lee	Duke Energy	Goldsboro	NC	Yes	Arsenic, cobalt, lithium	Unlined	Non-compliance
LV Sutton	Duke Energy	Wilmington	NC	Yes	Arsenic, cobalt, lithium, molybdenum	Unlined	Non-compliance
Marshall	Duke Energy	Terrell	NC	Yes	Arsenic, beryllium, cobalt, lithium, thallium, radium 226 and radium 228	Unlined	Non-compliance
Roxboro	Duke Energy	Semora	NC	Yes	Arsenic cobalt, lithium, molybdenum, selenium	Unlined	Non-compliance
Weatherspoon	Duke Energy	Robeson County	NC	Yes	Arsenic, radium 226 and radium 228	Unlined	Non-compliance
Brunner Island	Talen Energy	York Haven	PA	Yes	Arsenic, lithium, molybdenum	Unlined	Non-compliance

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Montour	Talen Energy	Washingtonville	PA	Yes	Cobalt, lithium	Unlined	Non-compliance
H B Robinson	Duke Energy	Hartsville	SC	Yes	Arsenic, lithium, radium 226 and radium 228	Unlined	Non-compliance
WS Lee	Duke Energy	Williamston	SC	Yes	Antimony, beryllium, cobalt, lithium	Unlined	Non-compliance
Intermountain Power Project	Intermountain Power Service Corp	Delta	UT	Yes	Arsenic, chromium, cobalt, lithium, molybdenum	Unlined	Non-compliance
Hunter	PacifiCorp	Castle Dale	UT	Yes	Cobalt, lithium, molybdenum	Unknown	N/A (landfill)
Huntington	PacifiCorp	Huntington	UT	Yes	Cobalt, lithium, molybdenum, selenium	Unknown	N/A (landfill)
Bremo Bluff	Dominion Energy	Bremo Bluff	VA	Yes	Lithium	Unlined	Non-compliance
Chesterfield	Dominion Energy	Chester	VA	Yes	Arsenic, cobalt, lithium, molybdenum, radium 226 and radium 228	Unlined	Non-compliance
Clover	Dominion Energy	Clover	VA	Yes	Cobalt	Unlined	Compliance
Possum Point	Dominion Energy	Dumfries	VA	Yes	Cobalt, lithium	Unlined	Non-compliance

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Virginia City Hybrid Energy Center	Dominion Energy	St. Paul	VA	Yes	Lithium	Unknown	N/A (landfill)
Yorktown	Dominion Energy	Yorktown	VA	Yes	Cobalt	Unknown	N/A (landfill)
Mt. Storm	Dominion Energy	Mount Storm	WV	Yes	Fluoride, molybdenum	Unlined / Lined	Compliance
Dave Johnston	PacifiCorp	Glen Rock	WY	Yes	Arsenic, cadmium, molybdenum, radium 226 and radium 228	Unlined	Compliance
Jim Bridger	PacifiCorp	Point of Rocks	WY	Yes	Arsenic, cadmium, cobalt, fluoride, lead, lithium, molybdenum, radium 226 and radium 228, selenium	Unlined	N/A
Naughton	PacifiCorp	Kemmerer	WY	Yes	Cobalt, lithium, radium 226 and radium 228, selenium	Unlined	N/A