

Areas Designated Unsuited for Mining in Pennsylvania

Petition Number	Petition Area	County	Date of	Designation	Coal	Reason for Designation
			Designation	Acreage	Acreage	
11819901	Griffithtown Reservoir	Cambria	83/10/01	233	45	Surface mining would result in loss of quantity of the Griffithtown water supply aquifer associated with the Lower Freeport coal.
14829901	Cold Stream Watershed	Centre	84/02/11	11,200	430	Surface mining would result in degradation of surface and groundwater water quality in the watershed, which is the sole source of the Philipsburg area public water supply.
14829902	Black Bear Run Watershed	Centre	84/07/21	5,600	700	Surface mining would result in degradation or loss of water supply, renewable resources (aquatic communities including trout species), and fragile lands.
07829901	Mill Run Watershed	Blair	84/07/21	119	119	Surface mining would result in degradation of surface and groundwater water quality affecting the use of Mill Run as a water supply and as brook trout habitat.
17839902	Rogues Harbor Run Watershed	Clearfield	88/05/07	3,020	1,220	With the exception of the Upper Freeport coal seam, surface mining activities would result in degradation of surface and groundwater water quality in Rogues Harbor Run.
11839901	Upper Powell Run Watershed	Cambria	86/04/12	960	536	Surface mining would result in degradation of surface and groundwater water quality of Powell Run in the form of acid mine drainage and high metals concentrations. Powell Run is the sole source of the public water supply for Blandberg.
24839901	Byrnes Run Watershed	Elk	86/05/24	5,760	165	Surface mining would degrade surface and groundwater water quality, adversely affecting the present uses of Byrnes Run for three separate community water supplies.
18839901	N.Fk. Tangascootack Creek Watershed	Clinton	88/08/20	527	527	Surface mining in the southern portion of the watershed would result in degradation of surface and groundwater water quality resulting in substantial long-range loss or reduction in productivity of the fragile aquatic resources in the watershed, specifically the naturally reproducing brook and brown trout communities.
17849901	Upper Little Muddy Run Watershed	Clearfield	88/02/20	4,608	764	Surface mining on the Lower Kittanning, Clairon #1 and #2 and Mercer coals would cause acid mine drainage resulting in substantial long-range loss of a planned public water supply, and the use of Little Muddy Run as a recreational stocked trout fishery and as a habitat for naturally reproducing brook trout.
11859902	Brubaker Run Watershed	Cambria	88/10/01	525	525	Strata within the upper Allegheny Group have the potential to produce acid mine drainage. These strata are hydrologically connected to the water supply sources of the Hastings and Elder Township water supplies and that surface mining within the recharge areas of the water supplies has the potential to adversely impact the water quality of these supplies.
05869901	Sixmile Run Watershed	Bedford	89/06/24	528	528	Surface mining has the potential to adversely affect the quality and quantity of the Coaldale Borough-Six Mile Run Area Water Corporation's water supplies. Three Conemaugh Group coals have been surface mined in and adjacent to the petition area, resulting in post-mining discharges containing acid mine drainage and/or metals in excess of public drinking water standards.
17869901	Moose/Montgomery Creek Watersheds	Clearfield	88/10/01	11,130	123	Strata associated with the Clarion and Mercer coals have potential to produce acid mine drainage. There is significant potential for degradation of the Clearfield public water supply if surface mining activities were conducted within the Montgomery Creek or Moose Creek public water supply drainage basins.
07879901	Bells Gap Run Watershed	Blair	90/08/25	11,700	2,130	Strata associated with the Lower Kittanning, Clarion, and Mercer coals have the potential to produce acid mine drainage. Surface mining already has degraded the public water supplies and damaged naturally-reproducing trout populations. Surface mining on these coal seams would further adversely impact public water supplies, the stocked trout fishery and trout nursery.

Areas Designated Unsuited for Mining in Pennsylvania

Petition Number	Petition Area	County	Date of Designation	Designation Acreage	Coal Acreage	Reason for Designation
17899901	Goss Run/Brisbin Dam Watershed	Clearfield	92/05/23	390	390	Moderately alkaline cold-water discharges from abandoned Lower Freeport underground mines within the watershed have sufficient buffering capacity to neutralize acidic headwater flows resulting from other mining activities. A naturally reproducing brook trout population resides in the cold-water alkaline section of Goss Run upstream of the Brisbin Dam. Any new acid mine discharges to Goss Run would have adverse effects on fish populations and water quality, and further mining that encounters the old underground workings and underlying strata north-northwest of the Brisbin Dam, has the potential to reduce the alkalinity and cold-water characteristics of the underground mine discharges and could eliminate the long-established coldwater characteristics of Goss Run.
18899901	Paddy Run/Drury Run Watersheds	Clinton	92/10/10	21,568	1,469	Documented acid mine drainage originating from abandoned underground and surface coal mines within the Drury Run Watershed indicate that further mining within the watershed upstream of the public water supply reservoir would place the water supply at risk for degradation through increased acidity and metals concentrations in the stream waters. Any changes in the hydrologic system that would cause increases in acidity to either Paddy Run or Drury Run would have significant potential to adversely affect, or possibly eliminate, the native trout populations and the stocked trout fishery.
11909901	Laurel Run Watershed	Cambria	92/10/17	2,183	2,183	Surface mining of Lower Kittanning, Clarion and Brookville coals and their associated overburden have a significant potential to produce acid mine drainage. Laurel Run is a lightly buffered stream with little capacity to assimilate acidic discharges which may result from mining. Any changes in the hydrologic system that would cause increases in acidity in Laurel Run would have a significant potential to adversely affect, or possibly eliminate, the native trout population.
36928801	Pequea Twp. Cherry Hill Orchard	Lancaster	94/10/01	203	noncoal	Mining within the petition area would be incompatible with local land use plans for protection of agricultural lands. Pequea Township Zoning Ordinances limit the development of agricultural lands to areas adjacent to existing residential and commercial development and establish a mineral recovery zone in the southern portion of the township. The petition area is not within the mineral recovery zone and it is not adjacent to any significant residential or commercial areas. Mining would result in a substantial loss or reduction of long-range productivity of food or fiber products. Because of the volume of mineral permanently removed from the mine site during noncoal surface mining, restoration of the mined area to an approximate original contour is generally not feasible.
14928801	Hosterman's Pit - Stover Cave	Centre	95/06/10	2	noncoal	Surface mining operations would cause the destruction of Stover Cave, which provides habitat for a rare species of bat.
37939901	Squaw Run Watershed	Lawrence	96/12/14	450	432	Many private water supply sources within and adjacent to the petition area have been adversely affected by previous surface mining activities which caused degradation of the groundwater aquifers. Wells and springs which derive recharge from aquifers at or above the Middle Kittanning coal seam have high potential to be degraded and diminished by surface coal mining.