

The South Dakota Department of Agriculture and Natural Resources provides the public with a “Tank, Spills, and Environmental Events” interactive map that includes data and reports (<https://apps.sd.gov/NR42InteractiveMap>).

The State’s Minerals, Mining, and Superfund Program regulates statewide mineral exploration, mining, and oil & gas development; and conducts statewide Superfund assessments and regulatory oversight at Superfund sites in South Dakota.

The following Data collection below from SD DANR is for the Northern Black Hills from 1983-2023. There are several incomplete “Spill” reports that the mining company submitted to the State as required. This incomplete data leaves holes in a complete and accurate account of how many gallons, cubic yards, barrels, or tons. The state reporting form does have a portion to indicate the amount and units.

According to the Minerals, Mining, and Superfund Program staff at the May 18th hearing on the Wharf Resource’s Boston Expansion Project, reports that are missing important information WILL NOT be updated in the State DATABASE.

The majority of the spill materials reported include Cyanide Solution. Other fluids include; Acid Rock Drainage, ANFO Solution, Hydraulic Fluid, Diesel, Antifreeze, ect. Major causes are; Equipment Failure, handling, leakage, runoff, spillage, etc.

Data downloaded from the State’s website for years 1982 - 2023

Mine Name	Reports Filed with the State	Total Units
Wharf Resources/Coeur Mining	189	124,216
Golden Reward (now Wharf property)	42	7,317
LAC/Richmond Hill (now Dakota Gold property)	14	34,425
Homestake/Grizzly Gulch	16	669,350
Gilt Edge	20	11,876
<b>TOTAL</b>	<b>281</b>	<b>847,184</b>

Note: Homestake Mining Company was responsible for 633,000 gallons of Cyanide Solution chemicals at their Grizzly Gulch Tailings Impoundment. They listed the cause as a Containment Structure leakage. Date Reported 4/21/2006. Date Closed 5/9/2007 and was given an NFA.

From 1982-2023 CERCLIS Cases listed include:

Reported	Closed	Site-Type	Mine	Location
5/10/2010	5/10/2010	CERCLIS - Annie Creek Mine	Wharf Resources	Annie Creek Mine & Processing Site (Tailings)
9/16/2010	9/16/2010	CERCLIS - Richmond Hill Mine	LAC Minerals Inc.	Richmond Hill Mine
1/1/1996		CERCLIS - Strawberry Creek & Gilt Edge Superfund	US EPA	Gilt Edge Mine & Strawberry Creek Mine Tailings
9/15/2010	9/15/2010	CERCLIS - Bald Mountain Tailings	Wharf Resources	Nevada Gulch Road & access road

No Further Action Reports:

Date Reported	Date Closed	Site Name	Responsible	Majority Spill Cata includes Chemical or other.	Amount
11/9/1999	12/18/2002	Impacted Storm Water	LAC Minerals	18400	Gallons
7/27/2000	12/24/2002	Richmond Hill Mine	LAC Minerals	10000	Gallons
4/21/2006	5/9/2007	Homestake Mining - Solution Release	Homestake Mining Company	633000	Gallons
5/10/2010	5/10/2010	CERCLIS - Annie Creek Mine	Wharf Resources	0	
9/15/2010	9/15/2010	CERCLIS - Bald Mountain Tailings	Wharf Resources	0	
9/16/2010	9/16/2010	CERCLIS - Richmond Hill Mine	LAC Minerals Inc.	0	
7/6/2012	8/3/2012	Transfer Hose Spill at Wharf Mine - MG Oil	MG Oil Company	160	Gallons
2/25/2014	12/12/2014	Hydraulic Oil Spill - Wharf	Wharf Resources (USA) Inc.	49	Gallons

Date Reported	Date Closed	Site Name	Responsible	Majority Spill Cata includes Chemical or other.	Amount
6/5/2014	11/9/2015	Blasting Agent Spill at Wharf Mine	Buckley Powder	5000	Gallons
8/10/2015	11/3/2015	Waste Oil Spill - Wharf Mine	Coeur Wharf / Wharf Resources (USA) Inc.	null	
5/9/2016	6/13/2017	Hydraulic Oil Spill - Wharf Mine	Coeur Wharf	null	
7/20/2016	6/8/2017	Hydraulic Oil Spill - Wharf Mine	Coeur Wharf / Wharf Resources (USA) Inc.	80	Gallons
3/29/2017	5/17/2017	Hydraulic Fluid Spill - Wharf Mine	Coeur Wharf	42	Gallons
7/15/2017	8/3/2017	Hydraulic Fluid Spill - Wharf Mine	Coeur Wharf	100	Gallons
9/11/2018	10/5/2018	Wharf Mine - Hydraulic Hose Failure	Coeur Wharf	120	Gallons