

## Comparison of Cayuga Salt Mine and Hampton Corners Salt Mine

descriptor	Cargill Cayuga Salt Mine	ARS <sup>1</sup> Hampton Corners Salt Mine
Parent corporation gross revenues	\$177B in fiscal 2023	\$40M in 2022
Mining under a lake	Yes	No
Water intrusion issues	Into U12?	No
Aver. Water inflow (gpm)	≈34	≈4
Stores water in the mine	Yes	No
Number of employees	≈165	≈400 w trucking
Is workforce unionized?	No	Yes
Geologists on Staff	0	2
Annual production	≈2.4 million tons	≈4.3 million tons
Max. distance between the active mine face and processing facilities	≈8.4 miles	≈ 3.5 miles
Recognizes NYS authority to regulate mining	No	Yes
Environmental Impact Statements done	0 over 54 years	2 in 25 years
No. of fatalities	1 <sup>2</sup>	0
Max. chloride allowed at SPDES outfalls (mg/L)	40,000	No chloride limit
Minimum thickness of carbonate beam above the mine (feet)	0 to 80 feet at the center of the lake at Profile A	About 150-200' Onondaga Limestone; Bertie dolomite≈100'
Pillar technology currently in use	Mostly Large Pillars 120'x120' with 11' height ≈43% extract.ratio	Large Pillars only 95'x95' w 13' ht. ≈60% extraction ratio
no. of persons living within a 1-mile radius	390	23
Population density	192/sq mile	8/sq mile

Version 11; 18Jan2025; contact [clean.cayugalake@gmail.com](mailto:clean.cayugalake@gmail.com) for supporting documents

<sup>1</sup> American Rock Salt Company

<sup>2</sup> This fatality occurred at Cayuga Salt Mine in 2010, i.e, almost mid-way through the 24 years that the American Rock Salt has operated the Hampton Corners Mine without any fatalities. Five other fatalities occurred at Cayuga Salt Mine during the period, 1975 to 1982. Cargill has managed Cayuga Salt Mine from 1970 to the present. Quarterly inspections by the federal Mine Safety and Health Administration have helped to greatly improve safety at underground mines since its inception in 1977.