

Comparison of Cayuga Salt Mine and Hampton Corners Salt Mine

descriptor	Cargill Cayuga Salt Mine	ARS Hampton Corners Salt Mine
Parent corporation gross revenues	\$177B in fiscal 2023	\$40M in 2022
Mining under a lake	Yes	No
Water intrusion issues	Possibly at S3	No
Number of employees	≈210	≈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 their mining	No	Yes
Environmental Impact Statements done	0 over 53 years	2 in 23 years
No. of fatalities	6	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
Stores shaft leakage waters in the mine	Yes	No
US 2010 census no. of persons living within a 1-mile radius of surface operations	390	23
Population density	192/sq mile	8/sq mile