

Chloride Characteristics

	Ronco Facility	TerrAqua	Mon Valley Brine	Somerset Regional	Ridgway Borough
Chloride (mg/l)	228,000	62,600	99,469	113,000	214,660

Influent concentrations reported in NPDES applications.

Seawater typically contains 19,000 mg/l of chloride.

Chloride in effluent discharges

	WQS	Ridgway Boro STP	FRS Creekside	Waste Treatment Corporation	FRS Josephine	Brockway WWTP
Chloride (mg/l)	250 mg/l	627-1,655 mg/l	69,450 - 78,100 mg/l	69,250 – 80,610 mg/l	72,850 – 92,350 mg/l	864-1,835 mg/l

Radionuclides in influent & effluent

	WQS	TerrAqua Influent	Ridgway Borough Influent	Ronco Facility Influent	Brockway WWTP Effluent
Gross Alpha (pCi/L)	None (15 pCi/L)	6,586	8,494	4,760	0-80.49
Gross Beta (pCi/L)		2,687	3,380	1,900	
Radium-226	None (5 pCi/L)	NR	2,226	1,810	1.79-4.06