The Kill Van Kull Channel is a tidal strait between the Borough of Staten Island, New York City and Bayonne New Jersey. It is 3 miles long and 1,000 feet wide, and connects Newark Bay with the Upper New York Bay.

The Robbins Reef Light marks the eastern end of the Kill Van Kull and Bergen Point on the western end.

Spanned by the Bayonne Bridge, it is one of the most heavily travelled waterways in the Port.

The Kill Van Kull is one of the most important channels for the commerce of the region, providing a passage for marine traffic.

The Kill Van Kull has provided principal access for ocean-going container ships to Port Newark-Elizabeth Marine Terminal, the busiest port facility in the eastern United States, and New York Container Terminal.

To accommodate the passage of ever larger container ships the Kill Van Kull has required dredging and deepening.