



The plant maintenance engineers at this wastewater treatment facility located in Southeastern Pennsylvania had been living with a very severe concrete wear and erosion problem for many years. Twice each day, 16-ton dumpsters were loaded with waste material and dragged along these concrete pads by the carting company eroding the concrete to the point that the dumpsters could no longer be moved effectively.

The plant engineers needed a cost effective yet quick repair solution because the plant operates 24/7 and the effluent could only be diverted for a maximum of 36 hours. They turned to their local ENECON Field Engineering Team for an "unconventional" approach to solving their problem.

Carl Durham, ENECON's National Projects Manager, suggested fabricating steel channels and setting/anchoring these in place with ENECRETE DuraQuartz.

ENECON's five-man crew installed 67 units of DuraQuartz to repair and level the deck while also bonding the newly fabricated steel rails permanently to the deck.

The entire procedure took just 8 hours to complete to the total satisfaction of the plant's engineers.

