

## Sweep Arm's "Smooth Ride" Courtesy of ENECRETE DuraQuartz



The local ENECON Fluid Flow Systems Specialist in Virginia, suggested the use of the ENECRETE DuraQuartz to solve the problem. Impressed with the outstanding properties of the DuraQuartz, the plant's Maintenance Supervisor agreed to give it a try.

The Supervisor reported that, **not only is the DuraQuartz "doing the job", but the smoother riding wheels would extend the life of the sweep arm as well as allow for better air circulation into the aeration basin.**

The top of the concrete wall of this 140 foot diameter aeration basin at a **Waste Water Treatment Plant** had numerous cracks and spalled areas. These irregularities in the track area caused the wheels of the "sweep arm" to bounce, further damaging the concrete and stressing the equipment.

The engineers tried numerous repair materials in trying to solve the problem. However, nothing they found could stand up to the 7 ton load carried by the two track wheels as they rotated the basin every two minutes.

