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Project: WWTP Sewage Axial Flow Pump



The Problem

The sewage axial flow pump at this Waste Water Treatment Plant was damaged and no longer functioning at peak efficiency.

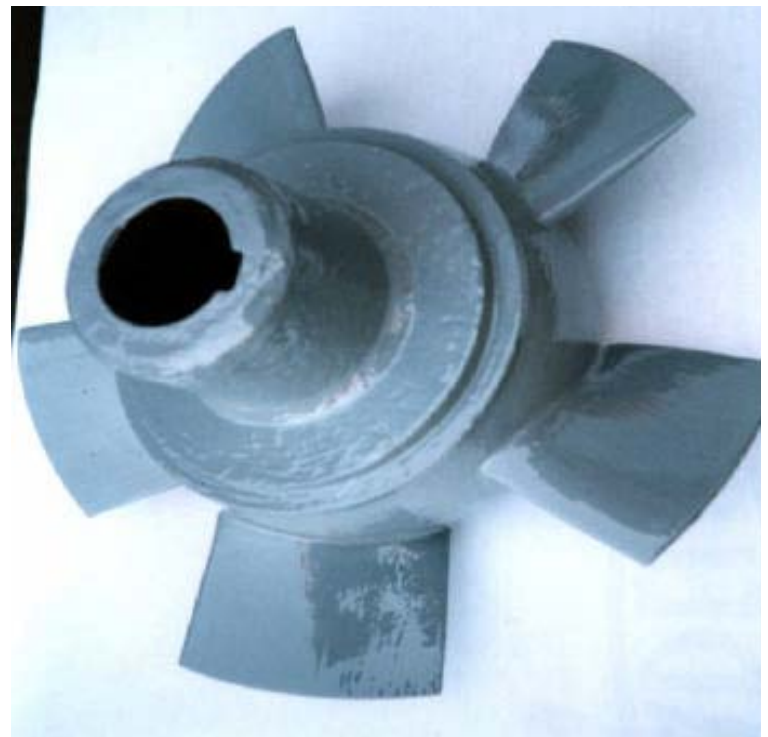
The company was looking for a cost effective solution to repair the equipment and prolong its useful service life instead taking the more expensive option of replacing the equipment.

Solution

All loose material, rust and surface contaminants (including existing coatings) were removed by abrasive blasting. Metal-Tech EG was then used to fill in damaged areas to achieve the original profile on the pumps. Chemi-Tech CR was then applied to protect the repaired pumps from further damage.

Metal-Tech EG is a multi-purpose, synthetic repair compound specifically developed for metal repairs requiring good mechanical strength combined with easy machining properties. Metal-Tech EG is also excellent for repairing worn shafts, bearing housings, damaged flanges, sloppy keyways and scored rams.

Chemi-Tech CR is a high performance, solvent free coating designed for aggressive environments. Chemi-Tech CR has excellent adhesion to steel and concrete and provides outstanding abrasion and corrosion resistance.



Unconventional Solutions, Inc.
527 Union St.
Milford, MI 48381
(248) 685-7580
www.unconventionalsolutions.biz