

PUMPCOAT

THE RIGHT SOLUTION TO YOUR PUMP AND COATING PROBLEMS

CASE HISTORY 028 - LARGE SHAFT & IMPELLER REPAIR



1) Problem:

Regional Water Authority had a large bore 42 in. impeller and 6 ft. shaft that needed repair.

2) Circumstances prior to failure:

Impeller & shaft had severe galling.

3) Pumpcoat Solution

Pumpcoat arranged transportation to our affiliate machine shop where galled areas of impeller were welded and bored to restore damaged areas. Additional machine work done to the Ring, Arbor & retaining nut and then impeller was dynamically balanced.

On the shaft, the galled areas were welded, and it was undercut true and concentric. Then it was chrome plated and finished. Both pieces were transported back to customer.

OUR MISSION IS TO PROVIDE HIGHLY TECHNICAL AND
RELIABLE SERVICE THROUGH OUR ESTABLISHED NETWORK
OF AFFILIATED VENDORS AND STRATEGIC PARTNERS.

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