



"How it was done"

The deteriorated liner and disintegrating, contaminated felt material under the liner were cut apart and removed. Chunks of plaster and concrete damaged by being trapped under the liner through several years of freeze/thaw cycling were removed. Following high water pressure blasting (>5000 psi), and setting up

## PROJECT ASSESSMENT

"PVC Problems."

Several years ago, the camp owners of this large outdoor, shot-creted and plastered pool opted to install a PVC Liner. After some years of use, the liner began exhibiting unappealing traits such as folds, discoloration, and pinholes resulting in tears and water loss. Moisture and condensation that transport through the liner and seep up through the pool shell by hydro static pressure became trapped. Yearly cycles of trapped freeze / thawed water damaged the plaster and concrete surface under the liner, resulting in tearing apart layers of the subsurface and demonstrating how damage and corrosion beneath an unbonded sheet lining can proceed unnoticed for several years. Structure cracks also affected the pool shell.

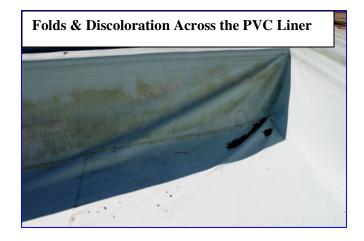
## **RENOVATION PLAN**

hydrostatic water pressure relief by diaphragm pumping, all the structure cracks were permanently sealed with a high-grade epoxy sealant and InterSteel. Finally, the entire pool received the INTER-GLASS® Reinforced Composite System that included a frost-proof tiled depth transition line.

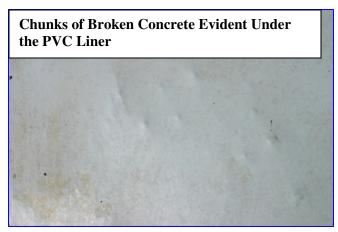


SAMPLE PICTORIAL SEQUENCE ON BACK OF THIS PAGE















## **PROJECT SPECIFICATIONS:**

TOTAL SQ. FT.: 4,640

POOL SHAPE: LARGE WEDGE TYPE OF CIRCULATION: CONCRETE GUTTERS

TYPE OF CONSTRUCTION: SHOT-CRETE W/PLASTER LINING COVERED BY PVC LINER

Type of finish after renovation: Inter-glass®

