

Jasper Aquatic Centre Waterslide Replacement

The Jasper Aquatic Centre waterslide was originally installed in 1988 and is now past its service life. The slide was taken out of service in 2018 after frequent cracking, repair jobs and slide closures. Demolition and replacement of the slide (as opposed to a renovation) is needed to ensure a quality, long lasting and safe waterslide.



<p>Demolition</p> <ul style="list-style-type: none"> Dust proof isolation (hoarding) of the entire area for public safety. Scaffold set up for manual removal of the waterslide as the deck cannot support heavy equipment. Break down and removal of the existing slide in multiple small sections. Remove existing stairs and corroded structural components. 	\$160,092.25
<p>Steel Structure</p> <ul style="list-style-type: none"> The system supporting the slide and stairs (hangers, cables, connections, platforms and supports) are corroded in many areas and some parts have to be replaced. The structure has been in a corrosive environment for many years and an engineer sign-off is needed before it can be used again for the new waterslide. 	\$79,352.24
<p>Waterslide and Stairs Replacement</p> <ul style="list-style-type: none"> The existing slide is irregular and custom built. Replacement parts cannot be made. Engineering standards have changed since 1988 and the slide path has to be adjusted. This item includes design, manufacturing, shipping and installation of a new waterslide and all new, non-corrosive stairs. 	\$330,937.92
<p>Landing Pool Modifications</p> <ul style="list-style-type: none"> The current landing pool does not meet the manufacturer's recommendation for a new waterslide. Slide certification from the manufacturer is needed to get the Alberta Health Services permit to operate. The landing pool will remain the same size but the sloped floor needs to be levelled to meet current regulations. This means the bottom of the landing pool has to be jackhammered and re-shaped. 	\$38,240.59
<p>Refinish Deck and Landing Pool</p> <ul style="list-style-type: none"> Waterproofing and refinishing of the surrounding deck and landing pool will be needed once the landing pool is modified. 	\$14,641.27
<p>General Construction Expenses</p> <ul style="list-style-type: none"> Bonds (security deposit), insurance, engineering, testing, design, accommodation for construction crew. 	\$53,050.80
General Contractor Total	\$676,315.07
Consultant Costs (open bid process (tendering), project management, permitting)	\$73,256.00
Project Contingency (5%)	\$33,816.00
Project Total	\$783,387.07