



## Civic Green Splash Pad:

Chemical tank relocation proposal.

August 15<sup>th</sup>, 2024

**Issue:** The Chemical supply tanks (Liquid Chlorine and Muriatic Acid) are located directly in the walking path and play area of the splash pad. Rust stains from the chemical tanks are causing an unsightly discoloration on the walking surface. Water runoff from the splash feature flows over and into the basin causing the need to vacuum the basin tanks routinely. More importantly, fumes given off from the chemicals are deteriorating the tank's containment structure and have caused a failure in the lid of the acid supply tank.

**Solution:** Install new tanks with lids made of materials that can withstand the conditions caused by these chemicals and contain them safely approximately 20 feet southwest of the current position. The new proposed tank area is currently a mulched flower bed located south of the current concrete splash pad area and is between the grass and sidewalk. It is not designed for foot traffic and would make chemical management much easier and safer.

Below is an itemized cost projection of this project.

Item	Description/ID	Qty.	Quoted Cost	Estimated cost	Total
Underground vinyl ester basin	36BASIN	2	3750		7500
Vapor sealing vinyl ester basin lid	C36WFNST	2	2105		4210
Revolution Basin Manhole Cover	41420010R07	2	920		1840
Chemical containment tank	01-31262	2	206.61		413.22
Vac Truck Excavation by Culy	Hour Rate	4	250	1000	1000
Irrigation line relocation by JayCrew	Job Est.			500	500
PVC fittings and pipe	Misc.			1700	1700
Sod Cutting Rental for a day by Sunbelt	Day Rate	1		150	150
Concrete finish work by Verns Concrete	Job Quote		4495		4495

Total \$21808.22

Don Johnson

*Cost to be paid from ARPA Parks*