

The Materials Make A Difference

Structurally Reinforced Thermoplastic (SRTP) vs Concrete?

A Comparative Cost Analysis



EveraMOD™

SRTTP vs Precast Concrete without liner Representative Total Installed Cost Comparison (8' Dia. X 20' Deep Unit)

EveraMOD SRTP PUMP STATION		PRECAST CONCRETE PUMP STATION (W/OUT LINER)	
SRTTP Wetwell Package (Fully assembled one piece unit, delivered)	\$40,800	Materials (Precast concrete structure including interior lining and exterior coating)	\$25,000
All other component parts (Encapsulated concrete base, anti-flotations collar, skid-resistant top, hatch covers, piping, guiderails, elbows, vent stack, seals, fasteners etc.)	Included	All other component parts (Brackets, piping, elbows, vent stack, seals, fasteners, grout, paint, etc.)	\$11,140
Concrete Anti-flotation Ballast Ring	\$1,040	Total Materials Cost	\$36,140
Total Materials Cost	\$41,840	Equipment Rental	\$2,500
Installation Labor Costs	\$6,375	Installation Labor Costs	\$12,900
Total Installed CapEx Cost	\$48,215	Total Installed CapEx Cost	\$51,140
WETWELL LIFE EXPECTANCY Excavation & Dewatering, Pumps & Control Panel not included	100 YRS	WETWELL LIFE EXPECTANCY Excavation & Dewatering, Pumps & Control Panel not included	25 YRS (MAX.)

Total Installed Costs:

Precast Concrete without liner = \$51,540

EveraMOD SRTP Pump Station = \$48,215

SRTTP vs Precast Concrete with liner Liner Adder Cost & Other Considerations (8' Dia. X 20' Deep Unit)

TYPICAL LINER \$ ADDER:	Add'l Material Cost Per FT2	Add'l Labor Cost - time	Total Add'l Cost for 8'x20' Unit	Surface Prep Required	Application method	Product Hazard	Installation Hazard	Installer Requirements	Leak Prevention
EveraMOD Pump Station	\$0 (SRTP)	None	\$0 (SRTP)	None	None (Product is SRTP)	None	No Additional Hazards	No Special Requirements	Yes - 100% Monolithic With Stubouts
Precast w/ Epoxy or Polymer Liner	≈ \$5/ft2 ADDER	3-5 days *** (Weather Dependent)	\$5,500 to \$7,500	Abrasive Blast Required	3-layer sprayed or rolled	Considered Hazardous Per OSHA 29CFR	Confined Space Hazard	Authorized Only	Yes *(Not Including Connection Points)
Precast w/ HDPE Liner	≈ \$14/ft2 ADDER	5-7 days *** (Weather Dependent)	\$12,500 to \$14,500	Abrasive Blast Required	Embedded Attachment to Concrete	None	Confined Space Hazard on Rehabs	Authorized Only	Yes **(Not Including Connection Points)

Total Installed Costs:

Precast Concrete with liner = \$57,040 to \$66,040

EveraMOD SRTP Pump Station = \$48,215

SRTP vs Precast Concrete Life Cycle Cost Comparison (8' Dia. X 20' Deep Unit)

	EveraMOD Lift Station	Precast w/out Liner	Precast w/ Epoxy or Polymer Liner	Precast w/ HDPE Liner
GENERAL:				
Wetwell Life Expectancy	100 years	25 years	50 years (Liner replaced every 10 years max.)	50 years (Liner replaced every 10 years max.)
100 YR Lifecycle Cost*:				
Initial Installed Cost	\$51,590	\$55,148	\$61,033	\$68,523
Liner Replacements	0	0	8	8
Liner Replacement Cost**	\$0	\$0	\$280,068	\$636,518
Complete PS Replacements	0	3	1	1
Complete PS Replacement Cost**	\$0	\$923,868	\$286,291	\$321,425
Total 100 YR Life Cycle Costs	\$48,215	\$979,015	\$627,392	\$1,026,466

Factory Assembled vs Field Assembled



OR



- **Controlled Manufacturing Environment**
- **Complete System Delivered to Job Site**
- **Skilled Staffing using Proper Tools**
- **Faster Assembly & Improved Schedule**
- **Superior QA & QC**
- **Far Less Risk during all Phases**
- **Less Expensive Total Installed Cost**

- **Impacts Due to Poor Site Conditions**
- **Subject to Weather Delays**
- **Longer Time of Construction**
- **Major Headaches related to Scheduling**
- **Hard to achieve high level QA & QC**
- **Project Risk during all Phases**
- **More Expensive Total Installed Cost**

Incomparable Lifetime Savings on System Operating Costs. EveraMOD - the "100 Year" Solution

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